

Saint Michael's College

Undergraduate Catalog 2024-25

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Saint Michael's is accredited by the New England Commission of Higher Education. The College is a member of the College Board, Vermont Higher Education Council, Association of Vermont Independent Colleges, Association of Catholic Colleges and Universities, Vermont Campus Compact, and Association of Governing Boards of Universities and Colleges.

Saint Michael's College is committed to affirmative action and equal opportunity. It does not discriminate against students, employees, or applicants for admission or employment, on the basis of race, color, gender, age, national origin, ethnicity, religion, disability, sexual orientation, gender identity, or physical characteristics. Members of the College are encouraged to communicate in a gender-neutral manner.

The provisions of this catalog are not to be regarded as an irrevocable contract between the student and the College. The College reserves the right to change its policies without prior notice.

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Mission and Traditions

Mission

It is the mission of Saint Michael's College to contribute through higher education to the enhancement of the human person and to the advancement of human culture in light of the Catholic faith.

History

Saint Michael's Institute was founded in 1904 at Winooski Park, Vermont, by members of the Society of Saint Edmund. These priests and brothers, known as Edmundites, took Saint Edmund of Canterbury, the 13th century Archbishop of Canterbury, as their patron saint. Saint Edmund led a rich and varied life, teaching at universities in Oxford and Paris, and playing an instrumental role in the construction of Salisbury Cathedral. His final resting place in Pontigny, France, is where the Society of Saint Edmund first began its ministry in 1843. The Edmundites came to Vermont via Canada in the late 19th century, after French social and political developments dispossessed many Catholic institutions. They bought the land where today's College stands from a local farmer, Michael Kelly, turning the original farmhouse into what is now Founders Hall.

As the school developed into an American-style college, the farmland became a campus. Founders Hall (1904), the only building in the early years, was later supplemented by Jeanmarie Hall (1921). Saint Michael's grew gradually in its first forty years, reaching an enrollment of about 250 students by the end of World War II. After the war, with the return of military veterans, the College's enrollment expanded dramatically to some 1,145 students. Barracks acquired from nearby Fort Ethan Allen served as classroom buildings, the library, and student residences. The Saint Michael's Playhouse, started in 1947, continues to bring professional summer theater to the community, as well as a range of educational opportunities, including backstage internships for Saint Michael's undergraduate students.

The College first followed a curriculum deeply rooted in the classical European liberal arts tradition, including mandatory Greek and Latin. In 1951, the dean and future president, Reverend Gerald E. Dupont, SSE, initiated the Saint Michael's Plan, which focused on the intellectual growth of students through studies informed by Catholicism while meaningfully engaged in the secular world. Saint Michael's became fully co-educational in 1971.

Since the 1950s, Saint Michael's facilities have grown to include a number of fine brick buildings of a consistent style. The integrated intellectual and religious character of the College is symbolized by the central green, anchored by the Chapel of Saint Michael the Archangel (1965) at the east end, and Durick Library (1968) at the west end. Other major buildings include Cheray Science Hall (1949), Vincent C. Ross Sports Center (1973), Tarrant Recreation Center (1994), McCarthy Arts Center (1975), Alliot Hall (1960), Dion Family Student Center (2013), and Aubin residence hall (2013), as well as the original quad residence halls – Ryan, Alumni, Joyce, and Lyons – and four sets of townhouses. Three modern, suite-style residence halls – Cashman, Pontigny, and Canterbury – opened in the early 2000s. Alongside those three halls is a new apartment-style residence that opened in the fall 2016 semester. It reflects the College's commitment to reducing its carbon footprint by incorporating energy-saving "green" technology into its design. In 2019, a successful fundraising effort, led by the Society of Saint Edmund's generous matching gift, raised \$1 million to name this newest residence hall after Father Michael P. Cronogue, SSE, who died in October 2016.

Saint Edmund's Hall (1987) provides superb classrooms and faculty offices. The Hoehl Welcome Center (2003) provides a first stop and greeting place for prospective students and their families. In 2006, the Fire and Rescue squads moved with Public Safety into the Robert E. Sutton '66 Fire and Rescue Station. The Antonio and Rita Pomerleau Alumni Center (2009), which incorporates sustainable technology, houses the Office of Alumni and Parent Relations and provides meeting and function rooms for Saint Michael's graduates.

Vision

Vision: Three Objectives

1. To actively engage students with ideas developed over millennia in many world civilizations as well as those ideas from more recently emerging disciplines and assist students in the generative process of creating new understandings. For this engagement to be most productive requires that a student work closely with a faculty member who is deeply, actively, and demonstrably engaged in learning, for in a liberal arts college it is not so much acquired knowledge or personal belief that is passed on from one generation to the next, but rather curiosity and passion for the very ideas of the discipline.
2. To encourage the development of an empathetic understanding and respect for the differing views of others derived from their history, status or unique philosophical or religious belief. Such an understanding is to be developed through proximate experience grounded in religious, philosophical and historical contexts.
3. To take responsibility for the moral and spiritual development of each individual by employing the long Catholic intellectual tradition that sees no conflict between belief and reason. This is rooted in the belief that the world is "good" and that the dignity of each person needs to be acknowledged.

Admission of Students

Requirements

Saint Michael's College's admission standards are competitive. Each application is reviewed closely according to the criteria outlined below in order of importance.

Overall high school record and strength of college preparatory curriculum (including the senior year of high school). Students should challenge themselves with the highest level of the coursework suitable to their abilities. The number of honors level, Advanced Placement, and International Baccalaureate courses in a student's background and relative to high school offerings are considered in the decision-making process. Applicants should have at least sixteen Carnegie Units of college preparatory course work in high school including some combination of the following (*in order of importance*).

Four years of English;

While courses like speech and other English electives are interesting, students are recommended to take those in addition to (not as replacements for) English courses with a strong emphasis on writing and the reading of literature.

Two to three years of the same foreign language;

A minimum of two are required, but it is highly recommended that applicants pursue as many years of language as possible.

Three to four years of theoretical mathematics;

Three to four years of science, including at least two lab sciences;

Three to four years of history and social sciences.

High school rank in class or relative standing in the class as indicated by quartile, quintile or decile is also considered in conjunction with the quality of the curriculum attempted and the overall strength of the high school. **For students who choose not to submit standardized test scores (see below) the high school record will be the most important factor considered.**

Saint Michael's College has a "**standardized test-optional**" admission policy. Applicants have the following options:

Submit official scores from either the SAT or the ACT. Students will be given the benefit of the best combination of subscores from all test dates. Applicants who opt to have the scores considered must submit official scores from the respective testing agency. If the official scores are not submitted when the student has asked us to consider them, the application will be considered incomplete.

Students may select "test optional" on the application itself. Your candidacy will also be evaluated based on all writing samples including your Personal Essay and your member questions on the Common Application as well as your high school transcript and letters of recommendation. Course selection, including level of challenge and overall course selection throughout high school will be of primary importance in the evaluation process.

SAT subject tests are not required, but applicants may wish to submit scores from foreign language exams in order to satisfy the College's language proficiency requirement. Applicants who wish to apply under the test optional provision may submit their SAT subject or AP language test scores post admission.

Application essay (required) and any submitted writing samples (optional).

Letters of recommendation from teachers and counselors.

The applicant's record of extra-curricular interests, activities, and talents.

Saint Michael's students tend to be active, engaged members of our residential college community bringing to the campus a commitment to work hard academically and to contribute to the life of the College, enhancing the educational experience of peers in and out of the classroom. When the admission committee reviews an application, several factors are taken into consideration. As noted above, the student's **high school record** is treated as the most important factor in the decision process. Each applicant's achievement in a well-rounded, rigorous program taken throughout high school is considered. Students who have challenged themselves by selecting honors or AP level courses or taking extra years of a foreign language, for instance, will be strong applicants, provided they are making successful progress. Admitted students generally **rank** in the top 25 percent of their high school classes.

Students who earn college credit from another institution while attending high school should submit their official college transcript(s) and those credits will be considered for transfer eligibility. Credit may be transferred for work completed at regionally-accredited colleges with a grade of C- or better, if the courses correspond to offerings at Saint Michael's.

For students who elect to submit test scores, both the test scores (either SAT or ACT) and how the scores relate to the student progress in class work are considered. The middle 50 percent of admitted students last year scored between 1150-1330 on the combined new score of EBRW and Math, and the average ACT composite was 28. Saint Michael's considers the highest section scores across all SAT test dates. For more information on the SAT, consult the College Board Web site at collegeboard.com. For more information on the ACT, consult the ACT website at ACT.org. The Saint Michael's codes are 3757 for the SAT and 4312 for the ACT.

Teacher and counselor **recommendations** are often helpful in understanding how well a student has handled the various aspects of high school work, from class participation to reading and writing assignments. Applicants should provide 1-2 recommendations from current or recent teachers or their guidance counselors. Additional recommendations from coaches, employers and other people who know applicants well are also considered, but should not replace those from high school teachers. In addition, each applicant's **essay** will be carefully considered as a required part of the application. Additional graded work will be added to applicant's files.

A student's extracurricular resume is another factor in the admission process. Saint Michael's seeks to enroll students who will be active contributors to the campus community and therefore seeks to admit applicants who show strong qualities in leadership, character, and involvement in activities such as volunteer programs. Extracurricular contributions are broadly defined to include dedication in athletic and artistic arenas as well as dedication to club, student government, employment, family caregiving, and religious pursuits.

The Office of Admission will confirm all students' transcripts that arrive from a high school with a CEEB code as well as the high school seal and/or signature and/or is submitted online through an official, secure web site. If a transcript is from a high school that lacks a CEEB code or seal/signature, the Office of Admission will investigate to confirm the appropriate state department of education or home school association recognizes the school. The Office of Admission may request a copy of the student's diploma at any point in the admission process to verification process. If a diploma is determined invalid a GED or ETS HiSET may be required for admission consideration.

Note: Saint Michael's College supports the efforts of secondary school officials and governing bodies to have their schools achieve regional accredited status to provide reliable assurance of the quality of the educational preparation of its applicants for admission.

Home-Schooled Applicants

Home-School Requirements

Students who have been home-schooled must submit the following:

Transcript of high school course work;

Annual testing information as required by the state in which the applicant resides;

SAT or ACT - while we have adopted a test optional admission policy, we strongly urge home-schooled applicants to submit standardized test scores for consideration;

Transcript of any college-level course work;

It is recommended that home-schooled students submit syllabi and reading lists for each year of high school.

Home-schooled students should have completed the necessary high school graduation requirements; standardized test scores are often more heavily relied upon when the application is reviewed.

As always, if an applicant submits copies of academic work or curriculum, it will be taken into consideration. Home-schooled students often submit a detailed extracurricular resume that further adds dimensions to their personalities and characters. Applicants who have taken the initiative to be active in their local communities in varying capacities are urged to detail that involvement.

Transfer Admission

Students seeking to transfer to Saint Michael's College must be in good standing, academically and otherwise, at the institution they have previously attended. Credit may be transferred for work completed at accredited colleges following Saint Michael's College's Transfer Credit Policies.

All students who transfer will complete a transfer credit evaluation process with the Registrar and are responsible for completing graduation requirements and minimum numbers of Saint Michael's credits as outlined in the Registrar policies of this catalog. The transfer application deadline for the fall semester is April 15 (or later on a space available basis.) Applications for the spring semester are considered on a space available basis and should be submitted by December 1.

Deferred Admission

Admitted students at Saint Michael's may request to postpone their enrollment for up to one year. A \$500 non-refundable registration deposit is required to confirm enrollment and an additional \$1500 non-refundable deposit is required to delay entry terms for up to one year. Both deposits are credited toward the student's first semester charges.

Students who defer enrollment beyond one year forfeit their registration deposits and must formally reapply for readmission.

International Student Information

International students may apply for direct or conditional admission to the undergraduate degree program. All students, regardless of their citizenship, are eligible for merit scholarships. Students who have attended university outside the United States may be eligible to transfer academic credit from their previous university.

Non-native speakers of English must demonstrate academic English proficiency the equivalent of 79/6.5 on the TOEFL/IELTS.

In addition to the application for undergraduate studies, international students must provide the following: English-language test results, a copy of the passport photo page, and financial certification demonstrating the ability to pay for one year of study.

For more information about international admission and enrollment, contact ApplySMC@smcvt.edu.

Interested in Admission?

The next step is to complete and submit the online Common Application or Coalition for Access, Affordability, and Success Application, available at www.commonapp.org, and www.mycoalition.org respectively, along with the application fee of \$50. Students who visit campus before applying are eligible for an application fee waiver. Upon receiving these, we will begin to process the application. **The Early Action I deadline is November 1, while the Early Action II deadline is December 1.** The deadline for regular notification of the admission decision for the fall semester is **February 1**. Applications submitted after that date will be considered on a space available basis. The transfer deadline is April 1st (or later on a space available basis).

Applicants should have high school transcripts and, if you wish test scores to be considered, SAT or ACT forwarded to this office at the address below. When an application is received an acknowledgment is sent by email. Students may also check the status of their applications on our website. If that acknowledgment is not received in a reasonable amount of time, applicants should contact the Office of Admission by phone or email.

The admission committee reviews each application for admission.

A limited number of spaces may be available at the beginning of the spring semester. Applications for the spring semester should be submitted by **November 1**.

Saint Michael's subscribes to the Candidate's Reply Date Agreement, allowing applicants until May 1 to make their decision about attending. For an additional application or information, please write, call, or contact us through our Web site:

Director of Admission
Saint Michael's College
One Winooski Park
Colchester, Vermont 05439
800-SMC-8000; FAX: 802.654.2906
Main Number: 802.654.3000
International Calls: +1.802.654.3000
E-Mail: admission@smcvt.edu

For those who plan to visit the campus, the Office of Admission is located in the Hoehl Welcome Center. The hours are Monday through Friday, 8:00 a.m. to 4:30 p.m. and many Saturday programs are offered throughout the year. Please check our Web site for the most up-to-date visitor information or call during office hours to make an appointment.

The Campus

The Saint Michael's campus, coupled with the splendor of the Green Mountains and vitality of the Burlington area, offers a superb environment in which to learn, be active, and grow.

The campus shares and cherishes an environment that, by any standard, is exceptionally beautiful. Mount Mansfield, Vermont's tallest peak, rises out of the morning mist to the east, and the view of the sun setting over Lake Champlain and the Adirondacks is often spectacular. Our own hilltop overlooks the winding Winooski River and covers a landscaped 440 acres.

Main Campus

Now gone but not forgotten is **Founders Hall**, the original College building, which was deconstructed in 2021 after experts determined it was beyond renovation. Founders expanded from an original farmhouse on the land that became the Saint Michael's campus. At one time, the Founders building, once called Old Hall, housed all College functions, including dorm space, dining hall, gym and classrooms. In more recent times, it has doubled as a residence hall and administrative office space. The bell-tower atop Founders has long served as a symbol of Saint Michael's College, and this iconic structure returned to the center of campus in fall of 2022 after renovations, commemorating the important historical legacy of Founders Hall.

Completed in 2003, the **Hoehl Welcome Center** is a 14,000-square-foot administrative facility that is home to Saint Michael's admission staff. The building was designed to reflect the College's Edmundite roots by incorporating architectural elements reminiscent of European abbeys. The interior includes a spacious "living room" for visitors, interview rooms and a large presentation room equipped with the latest technology.

Jeanmarie Hall is the oldest academic building, but has had comprehensive renovations that include the installation of various levels of technology in instructional spaces and wireless capability throughout.

Cheray Science Hall is the science classroom and laboratory building, and has been used by the many Saint Michael's graduates who are now in the medical and science professions. A 10,000-square-foot addition to the building, as well as a total renovation of the original structure was completed in 1993. The building contains research labs designed specifically for collaborative faculty-student research, classroom and office space, and full computerization and telecommunications infrastructure. It also has a large multipurpose lecture hall.

St. Edmund's Hall, completed in 1987, is a three-story, L-shaped academic building that connects Cheray and Jeanmarie Halls to form the academic quadrangle. Instructional space in the 70,000-square-foot building meets high academic standards. Modern audiovisual and information technology provides support for all academic programs, including the completion in early 2023 of a Media Creation Studio with state-of-the-art audio and video production technology.

The **Michael and Margaret McCarthy Arts Center** is the cultural center of campus. Among other capabilities, the center contains a modern and well-equipped theater. The proscenium-type theater is the scene of many student and professional productions, including an Actors Equity summer program. Music is another major emphasis at McCarthy Arts Center. In addition to providing a superb auditorium for visiting vocal and instrumental artists, speakers or other large campus gatherings, the recital hall gives student musicians the opportunity to perform on campus.

Durick Library is a three-story, multiuse building at the intellectual heart of campus directly across the green from the Chapel. Renovated and expanded in 1992, the 60,000-square-foot building houses collections, ample study areas,

library staff and service desks, faculty in the history and modern languages departments, an online searching space, computer labs, a new Writing Center, the College archives, and classrooms.

The **Chapel of Saint Michael the Archangel** is the spiritual center of campus. Sunday Mass attracts a significant and active worshipping community beyond just the campus population, and participation in many aspects of the liturgy is encouraged. Contemporary in design, the Chapel seats 1,000 making it among the largest worship spaces in Vermont.

Alliot Student Center includes the Green Mountain Dining Room, offices for student organizations and student affairs staff, the College Store, and meeting and function spaces.

The energy efficient Quad Commons includes **Aubin Hall**, completed in Fall 2013, a four-story high residence hall connected to a multi-functional student center. The residence hall provides 110 attractive new living spaces. It has greatly enhanced the residential living-learning opportunities on campus. **Dion Family Student Center** offers an Einstein Bros. Bagels, a cardio-exercise facility, advanced technology throughout the building, casual meeting places, a meditation room, a large and well-used function space suitable for large lectures and social gatherings called the Roy Event Room, and more.

Bergeron Wellness Center, or "BEWELL", is located in the building just adjacent to the tennis courts close to residences and student centers. The Bergeron Wellness Center provides confidential care for the bodies, minds, and spirits of our diverse student community and supports lifelong health and wellbeing.

Vincent C. Ross Sports Center is the College's center of athletic activity. Included in the building are a 2,400-seat gymnasium with three full basketball courts and two volleyball courts. In other areas of the sports center are an NCAA regulation six-lane swimming pool with a one-meter diving board, men's and women's locker rooms, and training facilities. Nearby are fields for soccer, baseball, field hockey, lacrosse, and softball, including the Duffy Turf Field, as well as lighted tennis courts.

The facilities of the Ross Sports Center are complemented by the 67,000-square-foot **Jeremiah J. and Kathleen C. Tarrant Student Recreation Center**, a facility containing four indoor courts that can be used for tennis, volleyball, or basketball. The facility has a one-eighth mile indoor track, three racquetball courts, a squash court, aerobics studio, and dance studio. The center also features facilities for strength training, cardiovascular training, and aerobics.

Residence Halls

Joyce, Lyons, and Ryan are the main residence halls for first-year students, and **Alumni** houses upper-level students. They are now all connected by the new Quad Commons residence hall and student center.

As of 2004, **Cashman, Pontigny, and Canterbury Halls** are residences for 380 upper-level students. Single bedrooms are arranged in four- and eight-room suites, with additional space in each building for a staff apartment, seminar rooms, lounges and a great room with a fireplace. A new apartment-style residence hall located north of Canterbury Hall opened in Fall, 2016. This new residence makes use of the latest developments in "green" buildings.

Hodson Hall offers apartment-style living for 63 upper-level students. **Bernard L. Boutin Commons** is one of four clusters of **townhouses** that provide apartment-style housing for 412 upper-level students. A typical townhouse features a furnished living room, dining area, and kitchen on the first floor, with bedroom space for four or six students. Each townhouse is very energy-efficient, utilizing a heat storage system and high R-value insulation. The most recent group of townhouses consists of three buildings, each having four apartments with six single bedrooms apiece, clustered around a commons building designed for classes and other functions.

North Campus

North Campus was, at one time, an army fort built to protect the area from the threat of invasion from the north. This historic landmark now provides space for a number of organizations, including Saint Michael's College. Once known as Fort Ethan Allen, North Campus is located just one mile from the Main Campus.

Sloane Art Center is located on North Campus and provides studios for painting, sculpting, drawing and graphics, as well as offices and instructional space for visual arts faculty.

A recent partnership with the Vermont Youth Orchestra (VYO) led to a complete renovation of the old armory to create the **Elley-Long Music Center at Saint Michael's College**. The arrangement gives the College some use of the facility, which includes a 250-seat concert venue, practice rooms, and administrative space for the VYO.

Academics

Degree Requirements

1. Requirements for the Bachelor of Arts & Bachelor of Science

It is the responsibility of the student to enroll in the appropriate courses needed to meet degree requirements.

To earn the degree of Bachelor of Arts or the degree of Bachelor of Science a student must:

1. Complete a minimum of 128 credit hours (equivalent to 32 full-courses).
2. Complete the Core Curriculum requirements.
3. Complete the degree requirements of one of the established majors or a self-designed major approved by the Curriculum & Education Policy Committee.
4. Achieve a minimum cumulative grade point average of 2.0 and a minimum of a 2.0 average in courses taken in the major.
5. Complete a minimum of 24 of the last 32 credits at Saint Michael's College.
6. Transfer students must earn a minimum of 32 credits at Saint Michael's College.
7. Apply for graduation by filing a Graduation Application at the beginning of the academic year in which the degree is expected.

2. Core Curriculum

Our curriculum embodies the tradition of a liberal arts education in light of the Catholic faith, which emphasizes a concern with ultimate questions and personal and spiritual development within a diverse world. The Core Curriculum prepares students for global citizenship, stewardship of the Earth, and a productive career by cultivating a passion for intellectual life, a commitment to moral responsibility, and a desire to improve the human condition through socially conscious citizenship.

Courses taken by all: these courses provide a foundation for academic life at the college, explore questions of ultimate meaning, and engage with the broad questions of liberal education.

1. Introduction to Purposeful Learning (ID 101)
2. First-Year Seminar
3. Fundamental Philosophical Questions (PH 103)
4. Study of Christian Traditions and Thought (RS 100-level)
5. Junior Seminar

Intellectual Exploration: Intellectual Exploration courses expose students to the breadth of disciplinary learning and the various ways of looking at and understanding themselves and the world. Students will take (or satisfy through transfer equivalent) coursework in each subject area in any semester prior to graduation.

1. Literature & The Arts
2. History & Society
3. Scientific Inquiry
4. Quantitative Reasoning
5. Second Language for students pursuing a Bachelor of Arts (not required for students pursuing a B.A in Engineering)

Edmundite Tradition: Courses in the Edmundite tradition explore the Society of Saint Edmund's rich heritage of Catholic intellectual thought and abiding commitments to social justice and inclusion. Students will take one course with each of the following designations. These courses may also fulfill areas listed above or may reside in the majors and minors:

1. Catholic Intellectual Tradition
2. Engaging Diverse Identities

Professional Competencies: A Saint Michael's education will also develop skills essential to every career choice. Each major has been designed with the following learning outcomes:

1. Ethical Decision Making
2. Information Literacy
3. Oral Communications
4. Written Communications

List of Courses by Category:

Introduction to Purposeful Learning

- ID 101 - Introduction to Purposeful Learning **Credits: 1**

Transfer Student Waivers for Purposeful Learning

Incoming transfer students who transfer 24 or more semester credit hours to Saint Michael's College are waived from taking ID 101. Incoming transfer students with fewer than 24 earned hours must either have transfer credit for these courses, or they must enroll in ID 101. Questions about this policy should be directed to the Registrar's Office.

Failing Purposeful Learning

Students who earn failing grades in ID 101 are not expected to repeat the course, as the course content is geared toward new incoming SMC students. However, the credit must be replaced with approved coursework designed to enhance their capacity for self-reflection and explore their educational journey. Appropriate replacement courses include selected ID-100 offerings (including *Be Well* and *Careers With Purpose*) and ID-200. Depending on offerings, additional replacement courses may be available. Questions about appropriate replacement courses should be directed to the Office of Purposeful Learning.

First Year Seminar

- FS 102 - The Afterlife **Credits: 4**

- FS 110 - Purpose, Meaning & Happiness **Credits: 4**
- FS 111 - The Examined Life **Credits: 4**
- FS 112 - Drama and Culture **Credits: 4**
- FS 113 - Tries: Creative Writing **Credits: 4**
- FS 115 - The American Environmental Imagination **Credits: 4**
- FS 116 - Snow: The Art and Science of Alpine Crystals **Credits: 4**
- FS 117 - Joan of Arc **Credits: 4**
- FS 118 - Performance, Art & Social Justice **Credits: 4**
- FS 121 - Dylan's Times, Chimes & Rhymes **Credits: 4**
- FS 122 - Music and the Human Experience **Credits: 4**
- FS 123 - On Memory **Credits: 4**
- FS 126 - Sports Stories **Credits: 4**
- FS 127 - Storytelling **Credits: 4**
- FS 128 - Journey Stories **Credits: 4**
- FS 129 - From Dungeons to Dragons: D&D **Credits: 4**
- FS 139 - Resistance and Empowerment **Credits: 4**
- FS 140 - Place and Placelessness **Credits: 4**
- FS 147 - Skull Wars **Credits: 4**
- FS 150 - Black Voices of Democracy **Credits: 4**
- FS 153 - Peace and Justice **Credits: 4**
- FS 154 - Race, Gender, and Ethnicity in Media **Credits: 4**
- FS 155 - Race/Gender/Sexuality in Film **Credits: 4**
- FS 156 - Memoir: LGBTQI Authors **Credits: 4**
- FS 158 - Society, Identity, and Race **Credits: 4**
- FS 161 - Technology and Ethics in Society **Credits: 4**
- FS 162 - Science and Technology that Changed History and You **Credits: 4**
- FS 163 - Climate Crisis: Visions of Sustainability and Justice **Credits: 4**
- FS 165 - Math & Social Justice **Credits: 4**
- FS 170 - Medieval Magic & the Divine **Credits: 4**
- FS 182 - The Social Construction of Humanness **Credits: 4**

Fundamental Philosophical Questions

- PH 103 - Philosophy and the Good Life **Credits: 4**

Study of Christian Traditions and Thought

- RS 120 - Christianity: Past and Present **Credits: 4**
- RS 130 - Varieties of Christianity **Credits: 4**
- RS 140 - Catholic Christianity **Credits: 4**

Junior Seminar

- JS 300 - Media, Technology, Health & Happiness **Credits: 4**
- JS 301 - Land, Sea, Sky **Credits: 4**
- JS 302 - The Art of Living, Aging, & Dying **Credits: 4**
- JS 303 - A Nation Inside and Out **Credits: 4**

- JS 304 - Data Visualization **Credits: 4**
- JS 305 - The Politics of Queer Cinema **Credits: 4**
- JS 307 - Rhetorics of Craft **Credits: 4**
- JS 308 - Ethics, Science and Technology **Credits: 4**
- JS 310 - A Case for Reparations? **Credits: 4**
- JS 311 - 21st Century Broadway Musical **Credits: 4**
- JS 312 - Voices of Resistance **Credits: 4**
- JS 313 - Wisdoms of the East **Credits: 4**
- JS 314 - Radical Love, Liberation, & Justice **Credits: 4**
- JS 315 - Project Censored: Fake News and Real Journalism in the Digital World **Credits: 4**
- JS 316 - Medicine, Environment, and the Body **Credits: 4**
- JS 317 - America on Film: Race, Class, Gender, and Sexuality at the Movies **Credits: 4**
- JS 318 - CAN Research and Action Practicum **Credits: 4**
- JS 319 - Troubled Democracy **Credits: 4**
- JS 320 - Race/ Gender/ Sexuality/ Plays **Credits: 4**
- JS 321 - Maple: Food, Energy, Culture **Credits: 4**
- JS 322 - The Arts & Disability **Credits: 4**
- JS 325 - Economics of Health Care **Credits: 4**
- JS 350 - Special Topics **Credits: 4**
- JS 351 - Special Topics (EDI) **Credits: 4**
- JS 352 - Special Topics (CIT) **Credits: 4**

Literature & The Arts

- AH 251 - Ancient and Medieval Art **Credits: 4**
- AH 252 - Renaissance and Modern Art **Credits: 4**
- AH 280 - Culture and Society in Medieval Burgundy **Credits: 4**
- AH 333 - Art Since 1960 **Credits: 4**
- AH 347 - Saints, Kings and Barbarians **Credits: 4**
- AH 348 - Castles and Cathedrals: Art of the High Middle Ages **Credits: 4**
- AH 381 - Topics in Art History **Credits: 4**
- AM 227 - Foundations of US Latinx Literature and Culture **Credits: 4**
- AM 229 - Introduction to Cuban Literature and Culture **Credits: 4**
- AR 101 - Foundations in Art & Design **Credits: 4** (formerly AR-201)
- AR 102 - Exploring Art & Design **Credits: 4**
- AR 115 - Digital Animation **Credits: 2**
- AR 204 - Introduction to Graphic Design **Credits: 4**
- AR 205 - Drawing I **Credits: 4**
- AR 206 - Typography **Credits: 4**
- AR 208 - Mixed Media **Credits: 4**
- AR 209 - Painting with Oil **Credits: 4**
- AR 210 - Interaction With Color **Credits: 4**
- AR 211 - Portraits **Credits: 4**
- AR 214 - Digital Animation and Motion Graphics **Credits: 4**
- AR 215 - Digital Imaging **Credits: 4**
- AR 217 - Introduction to Web Design **Credits: 4**
- AR 219 - Painting with Acrylic **Credits: 4**

- AR 221 - Silkscreen Printmaking **Credits: 4**
- AR 225 - Sculpture: Subject and Object **Credits: 4**
- AR 235 - Sculpture: Site and Installation **Credits: 4**
- AR 261 - Kyoto, Japan: Aesthetic Perspective on Place **Credits: 2**
- AR 262 - Kyoto, Japan: Summer Study Trip **Credits: 2**
- AR 301 - Wood Furniture Design & Construction **Credits: 4**
- AR 315 - Digital Video Art **Credits: 4**
- AR 320 - Brand Design **Credits: 4**
- AR 321 - Brand Design II **Credits: 4**
- AR 330 - Introduction to Darkroom Photography **Credits: 4**
- AR 332 - Art & Ecology **Credits: 4**
- AR 335 - Introduction to Digital Photography **Credits: 4**
- AR 340 - Intermediate Photography **Credits: 4**
- AR 382 - Topics in Studio Art **Credits: Variable**
- AR 408 - Junior Studio **Credits: 4**
- AR 415 - Senior Studio **Credits: 4**
- DA 101 - Beginning Dance **Credits: 2**
- DA 102 - Ballet I **Credits: 2**
- DA 103 - Modern Dance I **Credits: 2**
- DA 105 - Jazz I **Credits: 2**
- DA 111 - Creative Dance **Credits: 2**
- DA 350 - Topics in Dance **Credits: 2**
- DMC 110 - Digital Media: Arts, Culture, & Theory **Credits: 4**
- DMC 233 - Adventure & Environmental Filmmaking **Credits: 4**
- DMC 266 - Digital Film and Television **Credits: 4**
- DMC 303 - Nature and Outdoor Writing **Credits: 4**
- DMC 363 - Study Abroad Re-Entry: Travel Writing **Credits: 4**
- ED 241 - Literature for Children and Adolescents **Credits: 4**
- EN 103 - Literature & Composition **Credits: 4**
- EN 110 - Writing, Literature, Life **Credits: 4**
- EN 200 - British Literature to 1789 **Credits: 4**
- EN 210 - Early American Literature **Credits: 4**
- EN 220 - British Literature after 1789 **Credits: 4**
- EN 225 - On Looking **Credits: 4**
- EN 228 - American Childhood **Credits: 4**
- EN 230 - American Literature After 1865 **Credits: 4**
- EN 231 - Modern American Poetry **Credits: 4**
- EN 235 - African American Literature **Credits: 4**
- EN 236 - Asian American Literatures **Credits: 4**
- EN 243 - Queer Lives, Queer Forms **Credits: 4**
- EN 247 - American Literature and Buddhism, 1950-present **Credits: 4**
- EN 260 - Authors **Credits: 4**
- EN 261 - Authors (CIT) **Credits: 4**
- EN 270 - Readers **Credits: 4**
- EN 280 - Texts **Credits: 4**
- EN 290 - Cultures **Credits: 4**
- EN 301 - Poetry Writing Workshop **Credits: 4**

- EN 303 - Fiction Writing Workshop **Credits: 4**
- EN 305 - Creative Nonfiction Writing Workshop **Credits: 4**
- EN 309 - Writing Matters **Credits: 4**
- EN 320 - Cultures of Print **Credits: 4**
- EN 325 - Critical Theory **Credits: 4**
- EN 326 - Old English **Credits: 4**
- EN 330 - Tolkien and Medievalism **Credits: 4**
- EN 335 - Shakespeare **Credits: 4**
- EN 336 - Shakespeare in Performance: On Screen **Credits: 2**
- EN 337 - Shakespeare in Performance: On Stage **Credits: 2**
- EN 343 - Eighteenth-Century British Literature I **Credits: 4**
- EN 345 - American Renaissance **Credits: 4**
- EN 351 - Victorian Novel **Credits: 4**
- EN 358 - American Naturalism **Credits: 4**
- EN 365 - 20th Century British Novel **Credits: 4**
- EN 368 - Contemporary Multiethnic Literature **Credits: 4**
- EN 369 - Empire and After **Credits: 4**
- EN 370 - Major British Writers **Credits: 4**
- EN 371 - Major American Writers **Credits: 4**
- EN 376 - Topics in African-American Lit **Credits: 4**
- EN 380 - Women's Literature **Credits: 4**
- EN 382 - Nature, Perception and Imagination **Credits: 4**
- EN 384 - In Wildness **Credits: 4**
- EN 388 - Film and the Environment **Credits: 4**
- FR 335 - Readings in Francophone Literature **Credits: 4**
- FR 340 - Readings in French Literature **Credits: 4**
- FR 341 - Readings in French Literature (CIT) **Credits: 4**
- FR 343 - Literary Studies in French **Credits: 4**
- FR 345 - Poetry in French **Credits: 4**
- HU 101 - Ancient and Medieval Civilization **Credits: 4**
- HU 102 - The Modernizing World **Credits: 4**
- HU 207 - The Nineteenth Century **Credits: 4**
- HU 209 - The Twentieth Century **Credits: 4**
- LA 310 - Directed Readings in Latin Literature **Credits: 4**
- MU 101 - Understanding Music **Credits: 4**
- MU 225 - Classical Music History **Credits: 4**
- MU 228 - 20th Century Music **Credits: 4**
- MU 242 - History of Jazz **Credits: 4**
- MU 243 - History of Gospel **Credits: 4**
- MU 244 - American Musical Theater **Credits: 4**
- MU 247 - History of Rock **Credits: 4**
- MU 253 - Global Issues in Music **Credits: 4**
- MU 261 - Private Lessons for Non-Music Majors **Credits: 1**
- MU 271 - Intro to African Drumming **Credits: 2**
- MU 361 - Private Lessons Music Majors **Credits: 1**
- MU 364 - Advanced Performance Studies **Credits: 2**
- MU 372 - String Orchestra **Credits: 2**

- MU 374 - Concert Band **Credits: 2**
- MU 375 - Jazz Orchestra **Credits: 2**
- MU 376 - African Drumming/Dance Ensemble **Credits: 2**
- MU 377 - Saint Michael's Singers **Credits: 2**
- MU 492 - Senior Seminar and Project **Credits: Variable**
- PH 221 - Existentialism in Literature and Film **Credits: 4**
- PH 275 - Topics in Philosophy and Ethics (L&A) **Credits: 4**
- SP 330 - Spanish/Latin American Film **Credits: 4**
- SP 335 - Readings in Latin American Literature **Credits: 4**
- SP 340 - Readings in Spanish Literature **Credits: 4**
- SP 343 - Literary Studies in Spanish **Credits: 4**
- SP 345 - Poetry in Spanish **Credits: 4**
- TH 110 - BIPOC Voices in Theatre **Credits: 4**
- TH 161 - Theatre Laboratory: Scenery, Lights, Painting **Credits: 2**
- TH 162 - Theatre Laboratory: Costumes **Credits: 2**
- TH 163 - Theatre Laboratory: Scenery, Lights, Run Crew **Credits: 2**
- TH 207 - Acting Techniques **Credits: 4**
- TH 209 - Stagecrafts **Credits: 4**
- TH 210 - Shakespeare to Showboats **Credits: 4**
- TH 211 - Costume Crafts **Credits: 4**
- TH 213 - Singing for the Actor **Credits: 4**
- TH 220 - Designing for the Theatre **Credits: 4**
- TH 270 - Mainstage Production Practicum: Acting, Directing, Dramaturgy, Design **Credits: 2**
- TH 273 - Production Practicum: Stage Management **Credits: 2**
- TH 275 - Production Practicum: Design **Credits: 2**
- TH 309 - Directing **Credits: 4**
- TH 310 - Modern and Contemporary Theatre **Credits: 4**
- TH 311 - Acting for the Camera **Credits: 4**
- TH 351 - Topics in Performance **Credits: 4**
- TH 410 - Senior Seminar in Theatre **Credits: 4**
- TH 450 - Theatre Tutorial **Credits: Variable**

History & Society

- AL 101 - Introduction to Language and Linguistics **Credits: 4**
- AM 101 - Introduction to American Studies **Credits: 4**
- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- ANT 217 - Social Inequalities **Credits: 4**
- DMC 101 - Media Revolutions: Social, Political, & Psychological Issues **Credits: 4**
- DMC 243 - Media and American Politics **Credits: 4**
- DMC 263 - Screen Life in Modern Visual Media **Credits: 4**
- DMC 323 - Race, Gender and Ethnicity in Media **Credits: 4**
- ED 231 - Education in the 21st Century: Inquiry and Innovation **Credits: 4**
- EN 228 - American Childhood **Credits: 4**
- FR 271 - Service and Culture in Senegal **Credits: 2**
- FR 321 - Intercultural Québec **Credits: 4**
- GG 101 - Introduction to Human Geography **Credits: 4**

- GL 271 - Service and Culture in Senegal **Credits: 2**
- GS 101 - Gender Studies: Foundations **Credits: 4**
- GS 203 - Gender Issues in Society **Credits: 4**
- GS 204 - Men & Masculinities **Credits: 4**
- HI 101 - U.S. History to 1865 **Credits: 4**
- HI 103 - U.S. History since 1865 **Credits: 4**
- HI 105 - Early Modern Europe **Credits: 4**
- HI 107 - Modern Europe **Credits: 4**
- HI 108 - Medieval World **Credits: 4**
- HI 113 - History of Rome **Credits: 4**
- HI 121 - The Modern Middle East: An Introduction **Credits: 4**
- HI 143 - Modern East Asia **Credits: 4**
- HI 161 - Early Latin America **Credits: 4**
- HI 163 - Modern Latin America **Credits: 4**
- HI 171 - African Europeans, Antiquity to Present **Credits: 4**
- HI 175 - World History I: Beginnings to 1500 **Credits: 4**
- HI 177 - World History II: 1450 to Present **Credits: 4**
- HI 180 - African American History **Credits: 4**
- HI 215 - Women in American Society **Credits: 4**
- HI 216 - Native Peoples of North America **Credits: 4**
- HI 222 - Topics in American History **Credits: Variable**
- HI 297 - Topics in European History **Credits: Variable**
- HI 330 - The Age of the American Revolution, 1763-1815 **Credits: 4**
- HI 341 - Advanced Topics in East Asian History **Credits: 4**
- HI 343 - Advanced Topics in Medieval History **Credits: 4**
- HI 345 - The Black Death **Credits: 4**
- HI 351 - Advanced Topics History of Race and Ethnicity (EDI) **Credits: 4**
- HI 353 - Presidential Elections **Credits: 4**
- HI 357 - Advanced Topics in Global History **Credits: 4**
- HI 363 - Race, Class, and Gender in the Atlantic World **Credits: 4**
- HI 365 - Public History **Credits: 4**
- HI 367 - Advanced Topics in Public History **Credits: 4**
- HI 374 - Witches, Indians, & Swashbucklers: the remaking of the New World, 1607-1763 **Credits: 4**
- HI 394 - Britain's 19th Century **Credits: 4**
- HI 395 - Crime & Society in Victorian Britain **Credits: 4**
- HI 397 - Advanced Topics in Modern European History **Credits: 4**
- HI 414 - African Slavery in the Atlantic World **Credits: 4**
- HI 422 - Advanced Topics in American History **Credits: 4**
- HI 425 - Europe During the Second World War **Credits: 4**
- HI 457 - Advanced Topics in Ancient History **Credits: 4**
- HI 461 - Society and Culture in Medieval Italy **Credits: 4**
- HI 465 - Advanced Topics in Modern Latin American History **Credits: 4**
- HU 101 - Ancient and Medieval Civilization **Credits: 4**
- HU 102 - The Modernizing World **Credits: 4**
- HU 207 - The Nineteenth Century **Credits: 4**
- HU 209 - The Twentieth Century **Credits: 4**
- MA 284 - History of Mathematics **Credits: 4**

- PH 201 - Philosophy of Human Nature **Credits: 4**
- PH 203 - Ethics **Credits: 4**
- PH 205 - Philosophy of Society **Credits: 4**
- PH 207 - Philosophy of Religion **Credits: 4**
- PH 209 - Philosophy of Science, Technology, and Environment **Credits: 4**
- PH 235 - The Philosophy of Disability **Credits: 4**
- PH 335 - Feminist Philosophy **Credits: 4**
- PH 341 - Justice, Fairness and Mercy **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PH 353 - Truth & Propaganda: Ethics & the Media **Credits: 4**
- PH 358 - Power, Resistance, & Race **Credits: 4**
- PO 120 - Introduction to U.S. Politics **Credits: 4**
- PO 180 - Current Issues in World Politics **Credits: 4**
- PO 245 - Introduction to International Relations **Credits: 4**
- PO 261 - European Political Thought **Credits: 4**
- PO 285 - Introduction to Comparative Politics **Credits: 4**
- PO 286 - Politics of the World Economy **Credits: 4**
- PO 290 - Canadian Government and Politics **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**
- PO 299 - Identity in Politics **Credits: 4**
- PO 334 - U.S. Constitutional Law: Rights & Liberties **Credits: 4**
- PO 340 - Social Movements and Contentious Politics **Credits: 4**
- PO 365 - Multiculturalism in Theory and Practice **Credits: 4**
- PO 371 - Feminist Political Thought **Credits: 4**
- RS 210 - Old Testament **Credits: 4**
- RS 211 - New Testament **Credits: 4**
- RS 216 - Early Christianity **Credits: 4**
- RS 217 - Medieval Christianity **Credits: 4**
- RS 219 - American Protestantism **Credits: 4**
- RS 221 - World Christianity **Credits: 4**
- RS 231 - American Catholicism **Credits: 4**
- RS 317 - Judaism **Credits: 4**
- RS 319 - Islam **Credits: 4**
- RS 321 - Judaism in the Greco-Roman World **Credits: 4**
- RS 323 - Hinduism **Credits: 4**
- RS 325 - Buddhism **Credits: 4**
- RS 339 - Celtic Christianity **Credits: 4**
- SO 101 - Introduction to Sociology **Credits: 4**
- SO 107 - Social Problems **Credits: 4**

Scientific Inquiry

- BI 106 - Topics in Cellular and Molecular Biology **Credits: 4**
- BI 108 - Topics in Organismal Biology **Credits: 4**
- BI 110 - Topics in Evolutionary or Ecosystem Biology **Credits: 4**
- BI 151 - Introduction to Ecology and Evolution **Credits: 4**
- BI 152 - Introduction to Health Science **Credits: 4**

- BI 153 - Introductory Cell Biology and Genetics **Credits: 4**
- BI 249 - Tropical Ecology **Credits: 2** (with BI 250 - Field Tropical Ecology: Costa Rica **Credits: 2**)
- BI 356 - Human Evolution **Credits: 4**
- CH 101 - Concepts in Chemistry **Credits: 4**
- CH 103 - Chemistry Magic **Credits: 4**
- CH 110 - General Chemistry I **Credits: 4**
- CR 213 - Forensic Science **Credits: 4**
- ED 327 - Teaching Elementary School Science and Engineering, PK-6 **Credits: 4**
- ES 103 - Sustainability: Environmental Science Perspective **Credits: 4**
- ES 107 - Environmental Science **Credits: 4**
- ES 213 - Earth Systems and Processes **Credits: 4**
- PS 272 - Psychology of Animal Learning and Behavior **Credits: 4**
- PS 274 - Behavioral Neuroscience **Credits: 4**
- PY 101 - Astronomy **Credits: 4**
- PY 103 - Acoustical Foundations of Music **Credits: 4**
- PY 107 - Meteorology **Credits: 4**
- PY 210 - College Physics I **Credits: 4**
- PY 220 - General Physics I **Credits: 4**

Quantitative Reasoning

- BU 110 - Personal Financial Literacy **Credits: 4**
- BU 310 - Personal Finance **Credits: 4**
- CS 111 - Introduction to Computer Science I **Credits: 4**
- DS 203 - Introduction to Data Science **Credits: 4**
- DS 303 - Statistical Learning **Credits: 4**
- MA 112 - Mathematics in Context **Credits: 4**
- MA 115 - Mathematics for Teachers **Credits: 4**
- MA 130 - Elements of Calculus **Credits: 4**
- MA 150 - Calculus I **Credits: 4**
- MA 160 - Calculus II **Credits: 4**
- MA 211 - Calculus III **Credits: 4**
- PH 250 - Logic: An Introduction **Credits: 4**
- PH 355 - Logic: Laws of Thought **Credits: 4**
- PS 213 - Psychological Statistics **Credits: 4**
- ST 101 - Reasoning with Data and Chance **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4**
- ST 140 - Biological Data & Statistics **Credits: 4**

Second Language for B.A.

(this core requirement is not required for students pursuing a B.A. in Engineering)

- FR 101 - Elementary French 1 **Credits: 4**
- FR 102 - Elementary French 2 **Credits: 4**
- FR 202 - French for Health Professions **Credits: 2**
- LA 101 - Elementary Latin 1 **Credits: 4**

- LA 102 - Elementary Latin 2 **Credits: 4**
- SP 101 - Elementary Spanish 1 **Credits: 4**
- SP 102 - Elementary Spanish 2 **Credits: 4**
- SP 202 - Spanish for Health Professions **Credits: 2**
- Two semesters of course work in any classical or modern language (including ASL) from an accredited college and with a minimum grade of C-, or equivalent proficiency in a second language, as verified by an approved form of assessment.

Catholic Intellectual Tradition

- AH 251 - Ancient and Medieval Art **Credits: 4**
- AH 280 - Culture and Society in Medieval Burgundy **Credits: 4**
- AH 347 - Saints, Kings and Barbarians **Credits: 4**
- AH 348 - Castles and Cathedrals: Art of the High Middle Ages **Credits: 4**
- EN 200 - British Literature to 1789 **Credits: 4**
- EN 261 - Authors (CIT) **Credits: 4**
- FR 341 - Readings in French Literature (CIT) **Credits: 4**
- HI 105 - Early Modern Europe **Credits: 4**
- HI 108 - Medieval World **Credits: 4**
- HI 352 - The Edmundites and Black Civil Rights **Credits: 4**
- HU 101 - Ancient and Medieval Civilization **Credits: 4**
- JS 352 - Special Topics (CIT) **Credits: 4**
- MU 222 - Medieval and Renaissance Music **Credits: 4**
- PH 201 - Philosophy of Human Nature **Credits: 4**
- PH 203 - Ethics **Credits: 4**
- PH 207 - Philosophy of Religion **Credits: 4**
- PH 209 - Philosophy of Science, Technology, and Environment **Credits: 4**
- PH 221 - Existentialism in Literature and Film **Credits: 4**
- PH 319 - Major Author/Text: Medieval Christian **Credits: 4**
- PH 338 - Major Author/Text: Contemporary (Christian Philosophical Tradition) **Credits: 4**
- RS 210 - Old Testament **Credits: 4**
- RS 211 - New Testament **Credits: 4**
- RS 216 - Early Christianity **Credits: 4**
- RS 217 - Medieval Christianity **Credits: 4**
- RS 220 - Modern Christian Thought **Credits: 4**
- RS 221 - World Christianity **Credits: 4**
- RS 222 - Sacrament, Worship and Ritual **Credits: 4**
- RS 224 - Understandings of God **Credits: 4**
- RS 231 - American Catholicism **Credits: 4**
- RS 232 - Black Catholicism **Credits: 4**
- RS 236 - Christian Social Ethics **Credits: 4**
- RS 239 - Religion, Ecology and Ethics **Credits: 4**
- RS 240 - Christianity and World Religions in Dialogue **Credits: 4**
- RS 310 - The Sacred Quest **Credits: 4**
- RS 328 - Christian Healthcare Ethics **Credits: 4**
- RS 339 - Celtic Christianity **Credits: 4**
- RS 340 - Saints and Holiness **Credits: 4**

Engaging Diverse Identities

- AL 250 - Intercultural Communication **Credits: 4**
- AM 201 - Topics in American Studies **Credits: 4**
- AM 227 - Foundations of US Latinx Literature and Culture **Credits: 4**
- AM 229 - Introduction to Cuban Literature and Culture **Credits: 4**
- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- ANT 217 - Social Inequalities **Credits: 4**
- ANT 301 - Anthropology of Yoga and Meditation **Credits: 4**
- ANT 333 - Anthropology of Refugees **Credits: 4**
- CR 201 - Theories of Crime, Justice, and Race **Credits: 4**
- CR 218 - Issues in Contemporary Policing **Credits: 4**
- DMC 255 - South Africa: Apartheid – Resistance, Revolution and Representation **Credits: 4**
- DMC 323 - Race, Gender and Ethnicity in Media **Credits: 4**
- DMK 275 - Race, Gender, and (in)Equity in Marketing Communications **Credits: 4**
- ED 239 - Antiracism & Collective Liberation **Credits: 4**
- ED 271 - Adolescent Development in a Culturally Responsive Classroom **Credits: 4**
- ED 300 - Teaching Social Studies and the Arts, PK-6 **Credits: 4**
- EN 228 - American Childhood **Credits: 4**
- EN 235 - African American Literature **Credits: 4**
- EN 236 - Asian American Literatures **Credits: 4**
- EN 243 - Queer Lives, Queer Forms **Credits: 4**
- EN 368 - Contemporary Multiethnic Literature **Credits: 4**
- EN 376 - Topics in African-American Lit **Credits: 4**
- EQ 321 - Liberation, Leadership, & Revolution in South Africa **Credits: 2** (with EQ 320 - Liberation, Leadership, & Revolution **Credits: 2**)
- ES 306 - Environmental Justice **Credits: 4**
- ES 325 - The Politics of Food **Credits: 4**
- FR 271 - Service and Culture in Senegal **Credits: 2** (with FR 270 - Senegalese Culture **Credits: 2**)
- FR 313 - Topics in Francophone Culture **Credits: 4**
- FR 321 - Intercultural Québec **Credits: 4**
- GL 255 - South Africa: Apartheid – Resistance, Revolution and Representation **Credits: 4**
- GL 271 - Service and Culture in Senegal **Credits: 2** (with GL 270 - Senegalese Culture **Credits: 2**)
- GS 101 - Gender Studies: Foundations **Credits: 4**
- GS 203 - Gender Issues in Society **Credits: 4**
- GS 204 - Men & Masculinities **Credits: 4**
- GS 208 - Topics in Gender Studies **Credits: 4**
- GS 308 - Advanced Topics in Gender Studies **Credits: 4**
- HI 161 - Early Latin America **Credits: 4**
- HI 163 - Modern Latin America **Credits: 4**
- HI 171 - African Europeans, Antiquity to Present **Credits: 4**
- HI 180 - African American History **Credits: 4**
- HI 215 - Women in American Society **Credits: 4**
- HI 216 - Native Peoples of North America **Credits: 4**
- HI 351 - Advanced Topics History of Race and Ethnicity (EDI) **Credits: 4**
- HI 352 - The Edmundites and Black Civil Rights **Credits: 4**
- HI 357 - Advanced Topics in Global History **Credits: 4**

- HI 363 - Race, Class, and Gender in the Atlantic World **Credits: 4**
- HI 414 - African Slavery in the Atlantic World **Credits: 4**
- JS 305 - The Politics of Queer Cinema **Credits: 4**
- JS 310 - A Case for Reparations? **Credits: 4**
- JS 317 - America on Film: Race, Class, Gender, and Sexuality at the Movies **Credits: 4**
- JS 320 - Race/ Gender/ Sexuality/ Plays **Credits: 4**
- JS 322 - The Arts & Disability **Credits: 4**
- JS 351 - Special Topics (EDI) **Credits: 4**
- MU 242 - History of Jazz **Credits: 4**
- MU 243 - History of Gospel **Credits: 4**
- MU 253 - Global Issues in Music **Credits: 4**
- PH 235 - The Philosophy of Disability **Credits: 4**
- PH 273 - Topics in Philosophy and Ethics (EDI) **Credits: 4**
- PH 327 - Modern Philosophy (EDI) **Credits: 4**
- PH 335 - Feminist Philosophy **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PH 358 - Power, Resistance, & Race **Credits: 4**
- PO 222 - Careers in Politics **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**
- PO 299 - Identity in Politics **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**
- PO 336 - Law and Social Change **Credits: 4**
- PO 340 - Social Movements and Contentious Politics **Credits: 4**
- PO 350 - State Violence and Justice **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- PO 360 - Film and Politics **Credits: 4**
- PO 365 - Multiculturalism in Theory and Practice **Credits: 4**
- PO 371 - Feminist Political Thought **Credits: 4**
- PO 390 - Comparative Politics of Racism **Credits: 4**
- RS 232 - Black Catholicism **Credits: 4**
- RS 240 - Christianity and World Religions in Dialogue **Credits: 4**
- RS 319 - Islam **Credits: 4**
- RS 323 - Hinduism **Credits: 4**
- RS 325 - Buddhism **Credits: 4**
- SO 107 - Social Problems **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**
- TH 110 - BIPOC Voices in Theatre **Credits: 4**

3. Majors

Bachelor of Arts (BA)

Saint Michael's College offers the following majors within the Bachelor of Arts degree:

Art & Design Major	French Major
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Criminology Major	Gender and Sexuality Studies Major
Digital Media and Communications Major	History Major
Economics Major	International Relations Major
<i>Education:</i>	Music Major
Art Education Major	Philosophy and Ethics Major
Elementary Education Major	Political Science Major
Education Studies Major	Psychology Major
Secondary Education Major	Public Health Major (BA)
Engineering (UVM Dual Degree Program)	Religious Studies Major
English Major	Sociology and Anthropology Major
Environmental Studies Major	Spanish Major
Equity Studies Major	Theatre Major

Bachelor of Science (BS)

Saint Michael's College offers the following majors within the Bachelor of Science degree:

Accounting Major	Environmental Science Major
Biochemistry Major	Health Science Major
Biology Major	Information Systems Major
Business Administration Major	Mathematics Major
Chemistry Major	Neuroscience Major
Computer Science Major	Physics Major
Cybersecurity Major	Pre-Pharmacy Major
Data Science Major	Public Health Major (BS)
Digital Marketing Major	Statistics Major

Self-Designed Major

The Self-Designed major is a student-designed, integrated course of study that allows students to examine in depth a field of study not covered by an established major. While the Self-Designed major provides students with some flexibility regarding their plan of study, this plan must be developed in the context of some nationally or internationally recognized area of inquiry. Students interested in a Self-Designed major must write a proposal that documents a carefully thought out academic plan, taking into account not only an array of courses but also the sequence and integration of those courses in an overall course of study. The proposal must articulate how the Self-Designed major will enhance a student's academic experience and further their educational goals, and explain why their educational objectives cannot be fulfilled in the conventional manner with an established major. The Self-Designed major may not be used to avoid the requirements of an established major or to abbreviate the requirements of a double major.

The Self-Designed major is the first and primary major and should be unrelated to any second major. The Curriculum and Educational Policy Committee (CEPC) recommends that in those cases where students create a Self-Designed major that stems from an established major or program of study, students should not retain the latter as a second major. Students may choose to add established minors to their program. Established majors and programs of study are those that appear in the college catalogue.

Self-Designed Major Procedure

Prior to writing the proposal for a Self-Designed major a student will identify and consult with a primary faculty advisor. This advisor will guide the student through the process of writing the proposal, help the student incorporate any changes recommended by the Curriculum and Educational Policy Committee (CEPC), and serve as the student's Academic Advisor if the proposal is accepted. The student will submit the proposal and supporting materials to the Dean of the College for review by the CEPC no later than March 1st of the sophomore year. Proposals that are not successful may be re-submitted up until October 1 of the student's junior year. A minimum 3.0 GPA is required for a student who wants to propose a Self-Designed major. The number of courses in the major is limited to 9-11, as is the case for established majors. Consideration for additional courses will be given for self-designed majors in interdisciplinary fields. The CEPC will take prior course work into account.

Double or Multiple Majors

Students with a cumulative grade point average of 2.0 or higher may pursue an additional major. Requests for an additional major will only be considered after the student has completed at least one semester of graded coursework at Saint Michael's. Generally, such requests should be made no later than the end of the Junior year.

Students may only receive one undergraduate degree from Saint Michael's College: the Bachelor of Arts (BA) or the Bachelor of Science (BS). When a student pursues two (or more) majors that are associated with different degrees (i.e. a major for which a BA is awarded and another for which a BS is awarded), the student identifies which degree they wish to pursue at the time the additional major is declared. A student may change their degree preference any time before the degree is awarded, but not after. When a student pursues two or more majors across degrees, both major credentials are awarded and indicated on the transcript.

A major in a particular field of study normally consists of between nine and eleven full courses. Students are advised to complete at least seven courses for a given major that are distinct from the courses completed for any other major that they undertake. It is the student's responsibility – in consultation with the advisor – to monitor the double counting of courses.

Prohibited Major Combinations

Because of a) overlapping content areas and significant number of shared courses; or b) prohibitions related to education licensure, the following double majors are always prohibited:

Major	Additional Majors Prohibited
Accounting	Secondary Education
Biochemistry	Chemistry, Neuroscience
Biology	Health Science, Neuroscience
Business Administration	Computer Science, Information Systems, Secondary Education
Chemistry	Biochemistry
Computer Science	Business Administration, Data Science, Information Systems, Secondary Education
Criminology	Sociology
Data Science	Computer Science, Secondary Education
Digital Marketing	Secondary Education
Digital Media & Communications	Secondary Education
Engineering	Secondary Education
Environmental Science	Environmental Studies
Environmental Studies	Environmental Science, Secondary Education
Health Science	Biology, Neuroscience
Information Systems	Business Administration, Computer Science, Secondary Education
International Relations	Political Science
Music	Secondary Education
Neuroscience	Biochemistry, Biology, Health Science, Psychology
Philosophy & Ethics	Secondary Education
Political Science	International Relations
Pre-Pharmacy	Secondary Education
Psychology	Neuroscience
Secondary Education	Accounting, Business Administration, Computer Science, Data Science, Digital Marketing, Digital Media & Communications, Engineering, Environmental Studies, Information Systems, Music, Philosophy & Ethics, Pre-Pharmacy, Theatre

Major	Additional Majors Prohibited
Sociology	Criminology
Theatre	Secondary Education

4. Minors

A minor in a particular field of study normally consists of five full courses. Students are advised to complete at least three courses in a given minor that are distinct from the courses completed for any major or other minor that they undertake. It is the student's responsibility – in consultation with the advisor – to monitor the double counting of courses. A minimum grade point average of 2.0 must be attained in a minor.

Saint Michael's College offers the following minors:

Accounting Minor	Economics Minor	Peace and Justice Minor
American Studies Minor	Education Minor	Philosophy and Ethics Minor
Aquatic and Marine Biology Minor	English Minor	Physics Minor
Art and Design Minor	Environmental Studies Minor	Political Science Minor
Art History Minor	Finance Minor	Psychology Minor
Biology Minor	French Minor	Public Health Minor
Business Administration Minor	Gender and Sexuality Studies Minor	Public History Minor
Chemistry Minor	Global Health Minor	Religious Studies Minor
Computer Science Minor	Health Equity Minor	Sociology and Anthropology Minor
Creative Writing Minor	History Minor	Spanish Minor
Criminology Minor	International Relations Minor	Statistics Minor
Data Science Minor	Latin Minor	Teaching English to Speakers of Other Languages Minor
Digital Marketing Minor	Mathematics Minor	Theatre Minor
Digital Media and Communications Minor	Medieval and Early Modern Studies Minor	
East Asian Studies Minor	Music Minor	

Prohibited Double Minor Combinations

Minor	Additional Minors Prohibited
Global Health	Health Equity, Public Health
Health Equity	Global Health, Public Health
International Relations	Political Science
Political Science	International Relations
Public Health	Global Health, Health Equity

Prohibited Major - Minor Combinations

Students are not permitted to major and minor in the same subject.

Major	Minors Prohibited
Biology Major	Aquatic & Marine Biology Minor
Digital Marketing Major	Digital Media & Communications Minor
International Relations Major	Political Science Minor
Political Science Major	International Relations Minor
Public Health Major	Health Equity Minor, Global Health Minor

5. Electives

Electives are courses that are not required in Core Curriculum, nor are they required as part of the student's major(s) or minor(s). Depending upon the requirements of the major (and minor, if applicable), a student may have space to take many or few electives. Since the range of Core courses is also diverse, the student has considerable flexibility in course selection. Some students select electives to complement their major and/or minor, while others use them to explore alternative disciplines or optional career paths.

Academic Enrichment Opportunities

1. Honors Program

Program Director: Professor Jeffrey Trumbower

The Honors Program at Saint Michael's College provides additional challenges and opportunities to outstanding students, with the aim of enhancing the liberal education offered by the College through engagement in small group discussion, research, and extraordinary curricular and extracurricular opportunities.

The Honors Program is guided by the mission of the College: "to contribute through higher education to the enhancement of the human person and to the advancement of human culture in the light of the Catholic faith." It is the mission of the Honors Program to enhance the college experience of each Honors Program student; to promote intellectual growth of every student at St. Michael's College; to encourage active involvement in service to the community.

As a group, Honors students distinguish themselves by their commitment to this mission and its concomitant approach to education; as individuals, they demand more of themselves, of each other and their instructors, and of their respective disciplines.

The components of the Honors Program, all serving these ends, are five Honors Courses, including the Honors Colloquium and the Senior Seminar in the Major with an Honors Capstone Project.

Honors Program Course Requirements

Five courses are required to graduate in the Honors Program. Four of these courses must be full four-credit courses. One of the five required courses is the Honors Colloquium, this is a two-credit half-course.

During the first two years, every student in the Honors Program normally takes two or three Honors Courses. In these courses, students sharpen their skills at close and critical textual engagement and at articulation of questions and ideas, both in writing and in speaking. Enrollment in these courses is limited to fifteen students, and they generally fulfill college Liberal Studies requirements or other graduation requirements (for example in a student's major or minor).

Honors classes can be chosen from the designated Honors course offerings, which vary from semester to semester. In addition, Honors students may, with the agreement of the instructor and the Honors Program Director, enhance one "regular" course to make it an Honors Course. The Honors project for the course must be academically more rigorous, both in quantity and quality, than the work expected of the other students on the course. The projects will be reviewed and approved by the faculty Honors Committee in conjunction with the Program Director.

A Senior Capstone Project is developed and completed by graduating Honors Program students. The capstone project is developed and completed in the student's major and usually in the context of a senior seminar. If the senior seminar is a full course, it can be counted as one of the five required courses. If the departmental capstone project is done outside course work or in something less than a full course, the senior Honors student will consult with his/her thesis advisor and the Director of the Honors Program to develop an appropriate capstone project. These students must take four Honors-program courses as well as the Honors Colloquium. Double Majors are required to complete only one capstone project.

Honors Colloquium

The Honors Colloquium is the only course required exclusively of students in the Honors Program. The Honors Colloquium is designed to challenge students in the Honors Program to move beyond the classroom by making use of the full variety of academic, cultural and artistic opportunities available to the wider community. These include lectures, demonstrations, presentations, and performances. In keeping with the goals of a liberal arts education, the Colloquium provides a forum in which students will explore, analyze, and discuss topics in a variety of disciplines.

The purpose of the Colloquium is not to produce mastery of any particular branch of knowledge. It seeks instead to develop broader cultural, social, and political awareness, and to expand the capacity of students to express their ideas and to interact with individuals who hold differing views.

Requirements

All honors students must complete one semester of the Honors Colloquium. The Colloquium is primarily focused on student-lead discussions on a variety of topics introduced through selected readings and academic events. The colloquium syllabus includes the following guidelines:

1. Students will attend a specified number of on-campus and off-campus academic, cultural, and artistic events during the semester. The number of events will be determined by the instructor. The events selected will be based on students' own intellectual, cultural, and artistic interests; students can attend events individually, in groups, or as part of a whole class experience. The events will be generally representative of the range of disciplines in the college's arts and sciences curriculum.
2. Students will read essays or other texts, selected by members of the class in consultation with the instructor. These readings, in addition to attended events, will serve as preparation for the weekly discussions.
3. Students will write brief analytical or reflective reports on the academic, cultural, and artistic events that they attend, in addition to composing weekly pre-discussion responses to the reading.
4. Students will attend a weekly presentation by classmates and will participate in a discussion session in which they will engage, and they will explore further the ideas suggested by the presentation, as well as by the assigned readings and attended events. Each student will serve as a discussion leader or co-leader at least once during the semester.

Senior Honors Project in the Major

All students at Saint Michael's College complete a "capstone" project in their majors during the senior year, either a thesis, a research project, or some other appropriate task, usually completed within the context of a senior seminar. Specific guidelines are stipulated by each department and may be found on the Honors Program webpage.

Students in the Honors Program undertake projects of greater substance and academic significance than normally expected, developed in collaboration with a faculty mentor. The projects will be reviewed and approved by the faculty Honors Committee in conjunction with the Program Director. Honors Program members may apply for research funds to help with expenses incurred in the pursuit of their Senior Honors projects.

Honors Housing

The Honors Program at Saint Michael's College provides additional challenges and opportunities to outstanding students through group discussion, research and extracurricular activities. Students in the Honors Program may decide to live within Honors Housing.

Honors Housing develops a strong sense of academic community among its participants by integrating topics from students' coursework. In addition, Honors Housing provides out-of-class opportunities for students to interact with faculty members. Honors Housing provides a community living experience that is supportive of students' academic success and interests. Finally, Honors Housing promotes students' academic and co-curricular leadership.

For First Year Honors Housing - priority is given to those incoming first year students who have been invited to join the Honors Program. Additional space within Honors Housing in the first-year areas will be filled by those students who have/are predicted to have a grade point average of 3.6 or higher. Designated floors and/or wings are reserved within the first-year buildings for incoming first-year students.

Honors Housing for upper-class students are comprised of single and double rooms, as well as suites of single rooms, located in Halls and Townhouses across the campus. Students must have a 3.6 or higher GPA or be approved by the Faculty Honors Program Committee in order to live in Honors Housing.

Eligibility

Some students are invited to join the Honors Program at the beginning of their freshmen year on the basis of a promising high school record. Students who earn a grade point average of 3.6 or higher in their first semester or by the end of their first year become eligible and enter at the beginning of their sophomore year.

To graduate in the Honors Program, students must maintain a cumulative grade point average of 3.6 or higher. Those who complete the requirements receive special recognition at graduation.

2. Study Abroad

Students are strongly encouraged to spend a semester, year, or summer in an international setting sometime during their undergraduate studies at Saint Michael's College. Our aim is to encourage students to engage in meaningful academic programs located in communities culturally, socially and economically different from their own. It is by active and intentional involvement with diverse and unfamiliar regions of the world that students can better understanding their current and future roles and responsibilities as global citizens.

The Study Abroad Office works with academic departments to develop program options that meet the academic and mission-driven needs of our students. Course credits earned abroad are pre-approved for transfer credit and are directly applied toward graduation. Students study in Africa, the Middle East, Asia, Europe, the Pacific Rim, and Latin America through a variety of programs pre-approved by Saint Michael's College. Students are encouraged to work with their academic advisors and the Study Abroad Office to develop study plans that maximize study abroad opportunities. Students generally study off campus during their junior year, and the minimum cumulative grade point average required for semester study is 3.0.

In addition to programs offered by off-campus program providers, study abroad options include a number of Academic Study Trips developed each year by SMC faculty. Faculty-led programs, generally 2-4 weeks in length, introduce students to unique academic topics and cultures. Previous programs have included: medieval culture and society of France, tropical ecology in Costa Rica, health and development approaches in East Africa, community service and engagement in Guyana, politics and globalization in Guatemala, Shakespeare in London, and coral reef ecology in Cuba. Program offerings change from year to year as new courses are developed based on student and faculty interest.

For more information on program options, eligibility requirements, financial aid policies, and the application process, refer to the Study Abroad website.

International Programs

1. *Language programs in non-English speaking countries.* These programs enhance language and cultural skills in the target languages offered at the College (i.e. Spanish, French) or provide students with access to languages not taught on campus (i.e. Swahili, Arabic, Russian). Students can complete the College's Second Language Proficiency Requirement through study abroad.
2. *University programs in English-speaking countries.* Study options in English speaking universities often allow for full access to a university's course offerings. This is a valuable option for students who need to fulfill specific SMC course requirement while abroad.

3. *Field based study programs.* These programs give students extensive exposure to different cultures and provide opportunities for field research or independent study projects related to a specific theme or topic. These programs are often based in developing countries or non-traditional settings.
4. *International internship programs.* Internships allow students to gain hands-on work experience by requiring a full semester of course work, plus an academic internship within a specific field of study. Internship placements are numerous and varied with popular placements in organizations that focus on international business, film and television, health services, art, journalism, theatre, and international relations.
5. *International service-learning programs.* Service-learning programs offer students a chance to take courses and earn academic credit for work with community based projects or services. Foreign language skills are a plus, but programs in English speaking countries are also available.
6. *Exchange programs* at various international universities provide the independent student with direct enrollment and immersion into a new culture. Current SMC exchanges are in Japan and South Korea. Exchange students from SMC partner institutions have an opportunity to study at Saint Michael's College.
7. *Academic Study Trips* are developed each year by Saint Michael's College faculty to introduce students to unique cultures and academic topics. Program offerings change from year to year as new courses are developed based on student and faculty interest.

Domestic Programs

1. *American University's Washington Semester Program.* The nation's capital and its unique resources offer SMC students limitless learning opportunities. Students in the program enroll in two 4-credit seminars, a 4-credit internship, and a 4-credit research project in subject areas such as American Politics, International Environment and Development, Journalism, Public Policy, and International Law. National experts are regular guest speakers and classes are held throughout the city.
2. *SEA Education, Woods Hole, Massachusetts.* SEA Semester offers field based programs in marine and environmental studies. This program is widely recognized for its challenging interdisciplinary curriculum and its on-shore and at-sea learning environments.
3. *Domestic Saint Michael's Academic Study Trips.* These programs of less than two weeks are often developed in connection with an on-campus course. A recent example involved a trip to Selma, Alabama to further research the US Civil Rights Movement and the role the Society of Saint Edmund's played in the movement. Other examples include courses focusing on Canadian history, politics, or environment that involve class trips to our neighbor to the North.

Application Procedures

Students should plan early for study abroad and are encouraged to work with their advisors and the Office of Study Abroad to develop study plans that maximize study options. Applications are due the semester prior to the study abroad semester and most students study overseas during their junior year. Semester programs require a minimum cumulative grade point average of 3.0 and approval from the student's academic advisor. Students submit applications to the Office of Study Abroad and to their study abroad program.

Students who study abroad without Saint Michael's pre-approval or in non-approved programs must withdraw from the College during their time abroad and apply for readmission. Housing is on a space-available basis and eligibility for financial aid is subject to regulations at the time of readmission.

3. Independent Study & Research Coursework

Independent study and/or research opportunities are available under certain circumstances to qualified students as complements to regular coursework. A 3.0 minimum grade point average is required to enroll in Independent Study/Research courses. Such courses must be approved by the Dean of Undergraduate Education no later than the last day of the Drop/Add period. In addition, Independent Research opportunities are available during the summer through an application process that may provide a grant for full-time research for an 8-10 week period.

4. Academic Internships

The Academic Internship Program at Saint Michael's College provides the opportunity for students to integrate their academic studies with a supervised work experience. Internships are available to all majors, and involve work in such areas as operations, marketing, law, education, the environment, sustainability, communications, fine arts, human resources, advocacy, science, healthcare, market research, social services, finance, sales, public relations, and more. Further details are listed on the Career Education Center's web site.

Students must have completed their first full year of studies to be eligible to receive academic credit for an internship. Participation in the Academic Internship Program requires a minimum GPA of 2.0. Our Career Coaches in the Career Education Center will assist students in identifying internship opportunities and completing the required forms.

Opportunities for overseas internships are available through the Office of Study Abroad. Non-credit internship opportunities are available during the academic year or the summer through the Career Education Center.

5. Air Force & Army ROTC

The Air Force ROTC program is offered to Saint Michael's students at Norwich University. AFROTC, which offers superior pre-professional opportunities to future career Air Force Officers, has both two and four year programs. Interested students should contact the AFROTC Office at Norwich University 1-802-485-2460. Visit Air Force ROTC for a program description.

Army ROTC is available to Saint Michael's students at the University of Vermont. AROTC gives students hands-on experience in leadership roles in and outside the classroom that will lead to success in college, as an Army officer, or in any profession. Interested students can contact the AROTC office at UVM 1-802-656-5757. Visit Army ROTC for a program description.

6. Academic Partnerships & Dual Degree Programs

Consortial & Cross-Registration Programs

Saint Michael's College is a member of Council of Independent Colleges (CIC) and the Lower Cost Models Consortium (LCMC). The College also maintains limited cross-registration agreements with Champlain College and the University of Vermont (UVM). In some cases, Saint Michael's College grants institutional credit for courses taught through CIC and LCMC member institutions, and at Champlain College and UVM. These courses are denoted on the transcript with the following designations in the course title:

<i>Institution</i>	<i>Transcript Notation</i>
Champlain College	(CC)
Council of Independent Colleges	(CIC)
Lower Cost Models Consortium	(LCMC)
University of Vermont	(UVM)

In some cases, SMC students may be approved to take 3-credit versions of 4-credit SMC courses through our consortial and cross-registration arrangements. In such cases, students' records will reflect the credit value of the course as defined by the host institution which may be inconsistent with the course credit value as defined in this catalog.

University of Vermont 3+2 Engineering Program

An agreement with the University of Vermont allows students completing three years at Saint Michael's and two years at UVM to earn a Bachelor of Arts degree from Saint Michael's College and a Bachelor of Science degree from UVM in one of a variety of engineering fields. The dual degree ensures that students will graduate with both a strong liberal arts background and the requisite knowledge for a career in an engineering field. Details of the curricular and GPA requirements, as well as the application process, can be obtained from the program advisors, Dr. Greta Pangborn and Dr. Barbara O'Donovan.

Albany College of Pharmacy & Health Sciences

An agreement with the Albany College of Pharmacy & Health Sciences (ACPHS) assures admission each year to ten qualified Saint Michael's students who have met certain requirements. Students may complete our Pre-Pharmacy major by taking the required courses at SMC for three years and applying to enter the ACPHS program for their fourth year. Students may also apply to ACPHS after they complete four years at SMC. Interested students should contact the program advisor, Dr. Shane Lamos.

Vermont Law School

Saint Michael's College has a formal agreement with Vermont Law School that guarantees admission into Vermont Law School's JD, MELP, or Joint JD/MELP degree programs to Saint Michael's College students who successfully complete Saint Michael's requirements for the bachelor's degree (BA or BS) and who also meet specific entrance criteria. Interested students should contact the Pre-Law Advisor, Dr. Traci Griffith, or the Career Education Center for details.

Post-Baccalaureate Programs in Business & Accounting

To provide post-graduate opportunities for students in both Business Administration and Accounting, the Department has developed a number of agreements with colleges and universities (e.g., Clarkson, Syracuse, Northeastern, Boston College) that will allow facilitated admission for our alumni into MBA and MSA programs. Contact the Business & Accounting Department for details.

Academic Resources

1. Advising

Academic Advising

Academic advising at Saint Michael's College is integral to the work of a learning community. Over the four years of an academic career, students assume increased responsibility for shaping their learning and coursework. The relationship of advisor to advisee in this process is not divorced from the teaching context; rather, it is an extension of the focus upon students and the development of autonomous learning. Throughout, students remain responsible for their own course selections in planning successfully to meet all graduation requirements. In support of this work, academic advising has four principles: it is learning centered, student focused, information rich, and multi-layered.

During summer orientation students are assigned a temporary academic advisor, and they receive a permanent advisor at the beginning of their first semester. Students are encouraged to reflect on their choice of a major and overall course selection; a formal declaration of a major must be made by the end of the fourth semester. Students who change their

major will be assigned a new advisor in that chosen major. Academic advisors formally meet with students prior to registration each semester as well as informally throughout the year to develop their plan, review progress toward requirements, and select courses which best meet the students' educational goals.

Pre-Law Advising

Many Saint Michael's students are interested in pursuing a law career. While some enroll directly in law school after graduation, the majority wait for a few years. There is no specific pre-law major at Saint Michael's, nor do law schools recommend any one major as a prerequisite for the study of law. To develop the background and skills necessary for success as a lawyer, students are encouraged to choose a major that will be intellectually challenging for them. Pre-law students are urged to choose their major according to interest and ability and thereby develop critical thinking and writing skills. Pre-law advising is offered through Professor Traci Griffith, a 1999 graduate of Notre Dame Law School (Media Studies, Journalism & Digital Arts) and Laura Neville (Career Education Center). The Pre-Law handbook on the Career Education website provides information on the law school application process and links to law schools and professional organizations.

Pre-Health Advising

Students interested in pursuing careers in health care are advised by the Pre-Health Advisory Committee, whose co-chairs are Professor Paul Constantino and Professor Dagan Loisel (Biology).

A student may follow a program which provides the courses necessary to gain admission to medical, dental or other allied health programs including optometry, physical therapy, nursing, physician assistant, podiatry, public health, pharmacy, and veterinary medicine. While many students choose to major in one of the sciences, students in other majors may elect the courses required in preparation for the various allied health graduate programs.

Each professional school has specific requirements. Our biology major satisfies most of these requirements. A student may, however, elect to major in any subject and complete the pre-professional courses as electives. Any student doing this should meet with the chairperson of the committee, Biology Professor Adam Weaver, during the early part of the first year.

Members of the Pre-Allied Health Advisory Committee work closely with students who plan to seek admission to medical, dental, and other graduate programs. They seek to assist students in their course selection, preparation for the Medical College Admission Test (MCAT), Dental Admission Test (DAT), Graduate Record Examination (GRE), and the application process itself.

Graduate School Advising

While at Saint Michael's and after graduation, students will find guidance concerning graduate study from their academic advisors and Career Coaches in the Career Education Center.

2. Academic Support Services

The Writing Center

The Writing Center offers free help with writing of all kinds, at all stages of the process. Our coaches are extensively trained students who can ask the questions and give the answers you need to improve your writing. You can either drop in or make an appointment online.

Writers of all sorts use the Center: first-year students revising their first papers; international students wrangling with English idioms and articles; LD students with proofreading to do; journalism and business students wanting to "cut the lard"; even seniors and graduate students working on their theses. The atmosphere is friendly and relaxed, but most of all helpful—a place to learn the ropes from peers who have been exactly where you are.

For students who love writing, the Center can also be a place to get teaching experience, help out your fellow students, and add a valuable line to your resume. To learn how to become a coach, contact the director, Timothy Mackin, at 802-654-2452, or visit our web site.

Tutoring & Study Skills

Many students receive support through peer tutors who are placed in courses with a high-demand, primarily in the sciences, math, statistics, accounting, and economics. These "attached tutors" offer weekly small group and drop-in sessions. Students may also access individualized peer tutoring in a variety of content areas by requesting support through the Academic Enrichment Commons.

In addition, we offer individual student meetings and some group programming on study habits, time management, motivation, and goal setting.

Accessibility Services

Services for students with disabilities are coordinated through the Office of the Vice President for Student Affairs. The Director of Facilities oversees facility accessibility issues and supports the services coordinated by Student Affairs. The Office of Accessibility Services coordinates academic services for students with disabilities. Any questions or concerns about such services should be directed to:

Dawn Ellinwood VP for Student Affairs Alliot 102 802-654-2566	Joel Ribout Director of Facilities St. Joseph's Hall 207 802-654-2265	Mary Wright Director of Accessibility Services and Academic Support Academic Enrichment Commons Durick Library 324 802-654-2232
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Learning Disabilities Policy

Saint Michael's College is devoted to ensuring equal educational opportunities and a responsive campus environment for students with disabilities. Students wishing to disclose a learning disability or a disability that affects learning and who are in compliance with the Americans with Disabilities Act, Sec. 504, may receive additional support. A clear understanding of strengths and weaknesses in learning and of the influence of the disability on current and past educational processes will afford a broader assessment of capabilities, challenges, and consonant needs. To ensure the provision of reasonable and appropriate accommodations for students with learning disabilities, students needing such accommodations must provide current and comprehensive documentation, including the diagnosis of the learning problem(s), a copy of the psycho-educational evaluation completed within the past four years that includes a measure of cognitive functioning, and current measures of reading, math, and written language achievement. Informational processing must also be assessed. The testing must be conducted by a certified professional, address the nature of the disability, and include the professional's assessment of how the learning difference will influence academic success. The report must also include recommendations for reasonable accommodations. The earlier the information is received, the better prepared we will be to address specific needs.

Mail material to:
Mary Wright, Director, Accessibility Services
Saint Michael's College
One Winooski Park, Box 367
Colchester, Vermont 05439
Or fax material to: 802-654-2974

Modified Second Language Requirement

The Modified Second Language Requirement is designed for students with language-based learning disabilities and learning disabilities that affect language learning. Such students who are pursuing a BA degree - and thus are typically required to take (or demonstrate proficiency in) two semesters of a foreign language - are offered an alternate requirement: two courses (taught in English) that focus on understanding world languages and cultures, and are linked by intellectual coherence in their appreciation of foreign languages and cultures.

Students participating in the Modified Second Language Requirement will demonstrate the following learning outcomes:

1. Comprehension of an area of the world and the culture associated with a foreign language
2. An awareness of language as a system that reflects culture and of ways in which language organizes thought processes and information

Approval Process

Consult with Mary Wright, Director of Accessibility Services and Academic Support, to review your current and comprehensive documentation of a learning disability or disability that affects language learning. Basis for eligibility of this program of study may include but is not restricted to the following:

- A student who has had persistent dyslexia (from an early age to present)
- A student with severe phonemic awareness deficit
- A student with severe auditory processing disorders
- A student with severe difficulties in language skills
- A student with low nonverbal or verbal reasoning skills coupled with below average language skills (combinations may vary)
- A student with poor working memory and moderate to profound hearing impairments (combinations may vary)
- A student who received individual speech language therapy throughout grade school up to and including parts of high school who also has at best below average language skills (combinations may vary)
- A student with slow auditory processing speed coupled with moderate to severe language based deficits (combinations may vary)

Library & Information Services

The Durick Library provides facilities for research, collaboration, quiet study, and access to information resources in print and digital formats. The library includes an online research area, reference and circulation staff available to assist students, two computer labs, and spaces conducive to individual and group study. Seating capacity totals over 500, with 50 private study carrels. The college's wireless network is available throughout the building. Research services include individual research consultations with a reference librarian, research instruction classes and workshops, and credit-bearing courses on research methods.

The library's collections include 450,000 books (including over 200,000 ebooks), access to 120,000 online journal titles, and over 20,000 streaming videos. A wide variety of online resources include research databases, multimedia databases and software applications. Most electronic resources are accessible through the library home page on the College website at www.smcvt.edu/library.

The Durick Library is open 94 hours per week while classes are in session, with extended hours during final exams. Online resources are available 24 hours per day via the campus network and off campus as well.

Interlibrary loan services are available for books, articles, and other information resources not found in the library's collections. Interlibrary loan requests may be made from most library databases and an online form is available on the library website.

The College's Archives Department is located in the Durick Library. It houses Saint Michael's Rare Book Collection and is the designated repository for official records of Saint Michael's College and the archives of the Society of Saint Edmund. The Archives include official records and manuscripts; student records; college publications; administrative papers; video and audio recordings; microfilm; and photographs relating to the history of the College. The Society of Saint Edmund Archives includes official records for the Society and manuscript materials from individual members.

Contact information: Main number 802-654-2400. Reference Assistance 802-654-2405 or e-mail referencelibrarian@smcvt.edu. Library website: www.smcvt.edu/library

Information Technology

The Department of Information Technology (IT) is committed to creating a robust technology environment for the students, faculty, and staff of Saint Michael's College. We support the mission and goals of the College by providing tools and services for our campus constituents: a reliable, secure, and fast campus network; support for the appropriate integration of technology into teaching and research; and the technology support for administrative operations of the College.

IT Teams	Function
Business Intelligence	Design and development of enterprise-wide data analysis and reporting solutions using business intelligence tools and data warehouse systems.
Data Center	Management and support of College network servers, services and infrastructure, telecommunications, and TV services on campus.
Enterprise Applications	Support for major applications that support the College's business areas.
Operations	Management of IT compliance efforts and policies, institutional technology procurement and departmental benchmarking efforts.
Technology Learning Center	Support for instructional technology and course design, classroom and events room technology, mobile computing, learning management system, specialized labs, Helpdesk, and MakerSpace.

Mikenet, the campus network, provides internet access, access to academic and administrative software, printing services, and cable TV from Comcast. The complete list of software in use on campus and the services the department provides can be found at www.smcvt.edu/itweb. Microsoft Office 365 provides student email. Nearly all residences, academic buildings, and administrative buildings have wireless network access. Mobile devices can access a large and growing number of academic and administrative systems. The Department of Public Safety provides the LiveSafe and Rave applications for emergency notification and campus security.

The IT website at www.smcvt.edu/itweb provides new students the information they need to begin using their devices on the campus network. We offer a student laptop purchase program which includes Dell and Apple laptops. Both models come with a four year hardware warranty, accidental damage protection plan and on-campus service. Please visit www.smcvt.edu/laptopprogram for more details.

Helpdesk phone: 802-654-2020
Helpdesk email: ithelp@smcvt.edu

Career Education Center

Professional career coaches provide assistance in career planning, graduate school searches and job/internship searching. We assist students from the time they arrive on campus, throughout their college career and as alumni. Students can take advantage of a four-year program to aid them in exploring career possibilities, gaining experience, and developing professional skills that employers seek.

The Career Ready Badge program is our comprehensive student development program that promotes student success through experiential learning in and beyond the classroom. Co-curricular programs focus on skill development, particularly networking, giving students the opportunity to interact regularly with alumni and professionals in their field/s of interest.

Additionally, through the CEC, the On-Campus Student Employment Program offers a tiered employment system that allows students to advance and take serious responsibility within their work place. Our dynamic alumni mentoring model offers excellent opportunities for students to develop skills for future internships and jobs.

From choosing a major, choosing a career and finding an internship, to job and graduate school searching, the Career Education Center partners with students, alumni, community partners and faculty to create opportunities for success in students' careers and a life of Doing Well and Doing Good.

3. Centers & Institutes

Saint Michael's has several centers that provide support for both students, faculty and the entire Saint Michael's community in terms of curricular, co-curricular, service and independent initiatives.

Center for Women & Gender

The Center for Women and Gender promotes awareness of women's and gender equity issues by educating students, faculty and staff and supports individuals by providing them with resources and referrals. For further information on the program contact Catherine Welch.

Edmundite Center for Faith & Culture

This center was developed in order to advance the place of the Catholic tradition in relationship to human culture and to promote greater understanding of and appreciation for the Catholic tradition among members of the College. The faculty director brings relevant programming to campus and provides support to faculty in the curricular implications of the Catholic Intellectual Tradition. For further information on the program contact Fr. David Theroux.

Edmundite Center for Peace & Justice

The mission of the Edmundite Center for Peace and Justice is: To integrate peace and justice concerns into everyday life of our college community. The Edmundite Center for Peace & Justice receives generous support from two endowed funds: The Esther Sorrell Lecture Series, and The Class of 2000 Peace and Justice Endowment.

A prominent aspect of the Edmundite tradition is a commitment to service rooted in love of God, and love of neighbor that respects the freedom and dignity of all people. The center shares in the mission of Saint Michael's College to create an environment of teaching and learning that cultivates a commitment to service. Aiming to create educational

opportunities where all are welcome with a spirit of openness and hospitality, the center will strive to image a world rooted in justice and peace. Since engagement with the concerns of the world are central to the learning process, the center will foster scholarship and service informed by the biblical call "to act justly, love tenderly and walk humbly with our God" (Micah 6:8).

To achieve this mission, the center offers a variety of learning opportunities in collaboration with academic departments, student services, other college departments, and other institutions of higher education. In providing experiential learning in a variety of local, national, and international contexts, the center draws upon the good will of church, community, agency, and government leaders willing to share their resources and experiences.

A minor in Peace and Justice was established in 2004. The Class of 2000 created an endowment to support the center. For further information on the program contact Laurie Gagne.

Center for the Environment

The Center for the Environment stewards the interdisciplinary investigation of environmental knowledge, skill, and experience by assembling our academic, co-curricular, and career preparedness and exposure programming both on campus and in our greater community. Students look to the center for research, work, internship, and academic opportunities. For further information, visit the Center's [website](#) or contact [Kristyn Achilich](#).

Academic Policies & Regulations

1. Academic Credit & the 4-4 Curriculum

Students typically take four 4-credit courses each semester (a 4-4 curriculum). We also offer a number of half-courses (two credits each), along with a small selection of courses with other credit values. Full-time tuition allows students to take four or four-and-a-half courses each semester, or a maximum of 19 credits. Students who take at least three full courses (12 credits) are considered full-time students. Students must successfully complete a minimum of 128 credits to graduate. The 4-4 curriculum presents a focused and in-depth experience that emphasizes critical and careful reading, writing, research, and various kinds of experiential learning.

Students are expected to devote a minimum 2.5 hours per week, per credit of coursework. For each traditional 4-credit course, this means spending an average of 10 hours of effort per week, per course throughout the 15-week semester. In traditional classroom-based courses, just over three of these hours (190-195 minutes) are spent in class. Consequently, for this type of course, students should expect to spend at least an additional 7 hours of effort per week (on average) outside of class on readings, homework, writing papers, research, take-home exams, studying for in-class quizzes and exams, and meetings with fellow students and the instructor. In courses that are not primarily based in a classroom, students are expected to complete at least an equivalent amount of work (10 hours/week/4-credit course), which may include laboratory work, internships, practica, studio work and other forms of academic work. In half course (2 credits), there is an expectation of at least 5 hours of work per week, including in-class time.

2. FERPA & Confidentiality of Educational Records

Family Educational Rights and Privacy Act of 1974

FERPA Coordinator: Marnie Owen, Registrar & Assistant Dean for Academic Affairs

The Family Educational Rights and Privacy Act of 1974 (commonly known as FERPA, and sometimes referred to as the Buckley Amendment) pertains to student educational records maintained by institutions of higher education, including Saint Michael's College. The act affords students certain rights with respect to their educational records,

including the right to access those records. At the same time, FERPA protects the students' rights to privacy by limiting access to their records without their consent. The following guidelines are presented to assist all members of the Saint Michael's community in understanding the provisions of the act as they apply to Saint Michael's College.

College Policy on Student Access to Educational Records

All current and former students will have access to their educational records upon written request to the applicable office. Each office will comply with all requests within a reasonable length of time, but not later than 45 days from the date of receipt of the written request. Educational records include academic records, confidential letters and statements.

Records not covered by the act include any record received prior to January 1, 1975, financial records of parents, private notes of faculty and administrative officers, law enforcement records, and medical or psychiatric records. A physician or psychiatrist may review medical or psychiatric records if requested by a student.

Students may waive, in writing, access to recommendations and evaluations. A waiver must be filed with each individual office. The act does not provide for blanket waivers of access to all educational records.

A student who requests access to an educational record is expected to present valid identification.

College Policy on Release of Confidential Records

Saint Michael's College will not release any educational record concerning any student or former student without a written or electronic release. Exceptions to this policy are:

1. Faculty, staff, administrator, other professional or service provider employed by or contracted with the College having legitimate educational interests in the record.
2. Authorized federal and state officials in the process of administering educational programs.
3. Requirements of administration of the Financial Aid Program.
4. Accrediting organizations in carrying out their accrediting function.
5. Parents providing documentation that the student is a dependent.
6. Directory information (see below).
7. Organizations conducting studies on educational programs, provided that the identity of the student is not revealed.
8. In an emergency situation involving the health or safety of the student or other persons.

The College will advise all recipients of student records that only authorized persons may see the records. Each College office will keep a record of all individuals requesting or receiving student records except as noted in item number one above.

Students who wish to give a blanket authorization for the College to share information from the educational record with parents, legal guardians or other designated persons may file a form with the Registrar's Office.

Directory Information

The College will, in the course of the school year, release to the public certain information regarded as directory data. If a student does not want this information publicized, he/she must request directory exclusion in writing on an annual basis. Saint Michael's College considers the following to be Directory Information:

Name	Class	Degrees (Including Dates)
Address	Enrollment Status	Previous School Attendance

Telephone Number	Major and/or Minor	Participation in Sports & Activities
Email Address	Honors & Awards (Including Dean's List)	Height/Weight (Athletic Team Members Only)
Place of Birth	Dates of Attendance	

Hearings

Students may challenge any educational record that they feel to be inaccurate, misleading, or a violation of privacy. This policy does not apply to academic grades received for coursework except when there is reason to believe that an error was made in recording grades to the transcript.

When a student desires to challenge a record, every effort should be made to resolve the question with the office involved. If this is not possible, the student must submit a written statement to the institution's FERPA coordinator outlining the alleged inaccurate, misleading or inappropriate data or statement contained in the record. The coordinator will appoint an impartial college official who will conduct a hearing within 45 days of receipt of the written request. The results of the hearing will be transmitted in writing to the student and all other parties involved. The student may appeal the decision to the President of Saint Michael's College. The President's decision will be final.

The above policy statement is subject to amendment with approval by the Board of Trustees.

3. Registration

Students typically arrange their class schedules during semesterly registration periods (normally in November for the following spring, and again in April for the following fall) after consultation with their advisors. Students who have registration holds on their account are only permitted to register once those holds have been cleared. Holds may be placed on students accounts for a wide variety of reasons, including an outstanding balance, failure to submit immunization paperwork, failure to meet with the advisor prior to registration, failure to provide SMC with emergency contact information, and more. Communications about registration holds are sent to students' SMC email accounts in advance of registration.

Changes to Course Registration

Students may, without charge or penalty, request a change of course or section up to and including the seventh class day in any given fall or spring semester. The end of the seventh instructional day of the fall or spring term is known as the Drop/Add Deadline. The Drop/Add Deadline is adjusted as appropriate for summer and winter term courses given the duration and meeting pattern of a given course. During the Drop/Add Period, students are expected to drop/add courses themselves through the KnightVision system.

Students may withdraw from a course through the tenth week of the fall or spring semester, and a final grade of "WD" will appear on the record. The course withdrawal deadline is adjusted as appropriate for summer and winter term courses, typically occurring 2/3 of the way through the course. The student is responsible for notifying the instructor(s) involved when a course or section change is made, and for filing the Course Withdrawal Request Form with the Registrar's Office. Leaving a course after the withdrawal deadline or failure to file the required form with the Registrar's Office will result in a final grade of "F" in the course.

Full-Time & Part-Time Student Status

A student who takes 12 to 18 credits is considered to be a full-time student. The successful completion of an average of 16 credits per semester for eight semesters will fulfill the credit requirements for graduation. A student who enrolls in fewer than 12 credits is considered to be part-time.

Course Overloads

Any student with a cumulative grade point average of 3.0 or higher may be permitted to enroll in a fifth course, typically resulting in a total of 20 credits for the semester. The student must submit a Course Overload Request Form to the Office of the Dean of Undergraduate Education. The student is charged a \$600 overload tuition fee. The course overload may only be added during the Drop/Add Period. The overload fee will be waived for overload credits in music ensemble courses or for students in the Honors Program.

Non-Degree Students

Students who have not been admitted into a degree program at Saint Michael's may be permitted to enroll in courses with space available after degree students have registered. Enrollment as a non-degree student is generally limited to a cumulative total of 12 undergraduate credits. To continue beyond 12 credits, the student must be formally admitted to the College through the usual application procedures of the Admission Office.

4. Class Attendance

Students should understand that the main reason for attending college is to be guided in their learning activities by their professors. This guidance takes place primarily in the classroom and laboratory.

The following policies have been established:

1. Members of the teaching faculty and students are expected to meet all scheduled classes unless prevented from doing so by illness or other emergencies.
2. The instructor of a course will set the attendance policy for that course.
3. The instructor may report excessive absences to the Dean of Undergraduate Education, who may warn the student.

5. Examinations & Grading

Tests & Final Exams

Tests may be held at any time during a course at the discretion of the instructor. If a final examination (whether cumulative or not) is given, it should be given during exam week, not during the last week of classes.

Make-up examinations may be given to students who are legitimately absent from a final examination. Requests for make-up exams are made directly to the professor of the course. Students who are suspended for disciplinary reasons are not eligible to take examinations or to make them up, unless such permission is given at the time of suspension.

Grading Information

Instructors report final course grades at the end of each semester. The deadline to submit grades is 48 business hours after the course's final exam time concludes regardless of whether a final exam is held.

Grades are reported and recorded as letter grades. The translation of numeric scores to letter grades is the purview of the instructor and/or department, and conversions may differ from course to course.

Student averages and class ranks are computed on the following quality point basis:

A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
F	0.0

To determine the quality points earned for a particular course, multiply the number equivalent to the letter grade by the credit hours assigned to the course. To arrive at the grade point average (GPA), add the quality points for all courses and divide the sum by the number of credit hours attempted.

In certain instances, grades are assigned that appear on the transcript, but aren't used in grade point calculation. These grades are:

<i>Notation</i>	<i>Grade</i>	<i>Description</i>
AU	Audit	Student elected to take course for no academic credit. This is a permanent notation.
I	Incomplete	Some assignments have not been completed for a legitimate reason. This is not a permanent notation.
P	Pass	Student elected to take course on Pass/Fail basis. A grade of "P" may represent work completed at the "D" level or higher. This is a permanent notation.
WD	Withdrawn	Student withdrew from the course and did not earn credit. This is a permanent notation.
XT	Extended Credit	Course is linked to work across multiple semesters, and final course grade is assigned after a subsequent term. This is not a permanent notation.

Audit

With instructor approval, students may enroll in a course on an audit basis. An audit must be declared prior to the drop/add deadline. The fee for auditing a course is one-half the tuition fee, unless it is being taken as part of a full-time course load, in which case there is no additional fee. Full-time students may audit only one course per semester (a maximum of four full courses and one audit). An audit is recorded on the student's academic record as "AU", but no grade or credits are assigned. The expectations of the audit are established by the instructor, who will verify successful completion of the audit to the Registrar's Office at the end of the semester. An auditor is expected to attend classes, but is generally not required to complete assignments or to take examinations unless required by the instructor.

Incomplete

- A student may request an Incomplete in a course for reasons of illness, emergency or other extenuating circumstances.
- An Incomplete may be assigned if the student has done acceptable work in a majority of course requirements and/or assignments.
- If a student has not completed acceptable work in the majority of course requirements and/or assignments prior to the circumstances that prevented completion of the course, a letter grade shall be assigned. (During the withdrawal period, the student also has the option of withdrawing from the course).
- The faculty instructor has the right to decide whether or not an Incomplete is appropriate based on the student's performance in the class and the nature of the missing assignments.
- An Incomplete is not typically available if there are any outstanding Incompletes on a student's record from a previous term.
- If the student and faculty instructor agree on the terms of an Incomplete, the faculty instructor will complete the Incomplete Grade Request Form, which serves as a contract between both parties. The Incomplete Grade Form will include an expiration date for the Incomplete and the grade that should be assigned should the student fail to complete the coursework.
- The Incomplete Grade Form will be routed to the Dean of Undergraduate Education, who will review the student's eligibility for the Incomplete. The Dean's Office will inform the Registrar, who will record the Incomplete, the expiration date, and the default grade. The Registrar will send a copy of the approved Incomplete form to the student.
- The Incomplete should be completed as soon at the earliest possible date, but no later than 30 days after the end of the semester in which it is assigned. Extensions to the Incomplete deadline may be approved by the Dean of Undergraduate Education.

Pass/Fail

A course may be taken on a pass/fail basis as long as the course does not satisfy core, major or minor requirements. Students must select the course(s) they wish to take pass/fail and complete the Pass/Fail Grading Request Form prior to the end of the drop/add period for a given term.

Repeating Courses

When a student repeats a course, both grades appear on the transcript and both are computed in the student's cumulative grade point average. If a repeated course counts toward a student's major or minor, only the higher grade is computed in the major/minor grade point average. The student earns credit for a repeated course only once. In accordance with the Transfer Credit Policy, if a course is repeated at another college or university, credit is only awarded if institutional credit was not already awarded (i.e. the student repeats a course for which they received an "F" at SMC). Grades in repeated transferred courses do not appear on the SMC transcript, nor do they count toward a student's grade point average.

6. Academic Integrity Policy

Scholarship, teaching, and learning are possible only in an environment of academic integrity characterized by honesty and mutual trust. Every member of the College community - students, faculty and administrators - has the responsibility to ensure that the highest standards of academic honesty and integrity are maintained.

To achieve this end the College has established policies and procedures regarding breaches in academic integrity.

OFFENSES AGAINST ACADEMIC INTEGRITY

The following are examples of offenses to academic integrity that are prohibited by Saint Michael's College. The passages in *italics* constitute the Academic Regulations regarding academic integrity. These are followed by a brief discussion of the policies. Given the complex nature of the topic, the discussion does not include every possible offense against academic integrity but provides some typical examples.

1. PLAGIARISM:

Presenting another person's ideas or content generated by artificial intelligence (AI) as one's own, by directly quoting or indirectly paraphrasing, without properly citing the original source. This includes inadvertent failure to properly acknowledge sources.

When using ideas, arguments, and/or data from other sources, students must clearly define the sources using appropriate quotations and citations. Plagiarism may occur even when not using the exact words of another author. Paraphrasing a section of an article, book, or website without the proper attribution is considered plagiarism. Students should ask their professor if there is any question about the proper use and citation of material from other sources.

Compositions, term papers, or computer programs acquired either in part or in whole from other students, the Internet, commercial resources, or any other source and submitted as one's own work shall be considered plagiarism. If the work contains the thoughts or words of others or of generative AI, and the student inadvertently fails to acknowledge the source(s), this action is considered plagiarism. Plagiarism applies to printed sources, electronic sources, video/audio sources, social media and material obtained through network sources, including e-mail and generative AI.

2. UNAUTHORIZED ASSISTANCE:

Giving or receiving assistance during an examination or in the preparation of other assignments without the authorization of the instructor.

There are many possible instances of unauthorized assistance. Using cell phones and other electronic resources, any unauthorized notes during an exam, or use of artificial intelligence is prohibited unless the professor provides explicit permission. Copying from another individual's examination or providing information to another student during an examination is a breach of academic integrity. Soliciting, obtaining, possessing, or providing to another person an examination prior to the administration of the exam, or unauthorized use of generative artificial intelligence for the completion of exams or assignments, is prohibited.

Take-home exams, papers, and other outside work, such as online assignments, are the sole responsibility of the individual student. This does not prohibit group study sessions and consultation with other students to clarify points under study. In certain instances, a professor may permit and even encourage students to work together on certain projects. This is generally not the case when the work is represented as the student's own effort. If students have any questions they should ask the professor to provide clear guidelines regarding what assistance is authorized.

3. INTERFERENCE:

Interfering with the work of any other member of the College community by: (a) compromising academic materials (laboratory reports, papers, presentations, etc.) or (b) infringing on the fair and equal access of all to the academic resources of the College.

Any action that limits another student's access to the academic resources of the College or modifies their work is considered interference. For example, the unauthorized removal or relocation of library material is forbidden. Any tampering with another student's lab work or other academic work is a breach of academic integrity.

4. INTERFERENCE USING INFORMATION TECHNOLOGY:

Interfering with the work of any other member of the College by using information technology to: (a) alter another person's files, reports or data; (b) Compromise data housed in the College's academic information systems; or (c) engage in any unauthorized access to computer material whether on a College system, on a personal device located at the College, or over the Internet using College systems.

Accessing computer data of any sort without authorization is a violation of academic integrity. This includes stealing or decoding passwords, destroying or modifying data, and reading or altering another person's files (including e-mail). In addition, any dissemination of computer-generated material such as viruses or spam, as well as preventing legitimate access to information via technology, are violations of this policy.

5. MULTIPLE SUBMISSIONS:

Submitting the same academic work to fulfill the requirements for more than one course without authorization of all instructors involved.

Submitting the same assignment for more than one course is a breach of academic integrity. There may be instances where a student may want to extend the research completed on a different project. In these cases, the student must obtain the explicit permission of the instructors involved.

PROCEDURES

1. OFFENSES IN A COURSE:

If a breach of academic integrity occurs in a course, the primary responsibility for dealing with alleged offenses rests with the instructor. The instructor should meet with the student to thoroughly discuss the evidence of the offense and the sanction to be imposed. If a meeting is not possible, the instructor may notify the student in writing. Any course-specific sanctions for academic integrity violations should be noted in writing on the course syllabus. The instructor should also file an Academic Integrity Offense Report with the Dean of Undergraduate Education, noting the nature of the incident and the sanction imposed.

When an instructor has filed an Academic Integrity Offense Report, a Success Advisor or representative from the Dean of Undergraduate Education's office will meet with the student to discuss the matter and the sanctions imposed. The Advisor or Dean will ensure that the student has a full understanding of the seriousness of the offense, the procedures to be followed, and the possible consequences of the breach of academic integrity, and will ask the student to sign a form acknowledging the offense and accepting the imposed sanctions.

If a student does not accept the determination of the instructor and prefers to not sign the form accepting the sanctions, the Dean may return the case to the faculty member for further discussion or let the report and sanctions stand. If a student contests a report, that fact must be noted in the student's record and made clear in the event of a Judicial Review.

If upon the submission of an Academic Integrity Offense Report the Dean of Undergraduate Education determines the student has a prior offense, the Dean will inform the student of the additional sanctions outlined by College policy and discuss the appeal and Judicial Review processes outlined below.

2. OFFENSES OUTSIDE A COURSE:

In instances of alleged academic "vandalism" outside the context of a specific course, such as interfering with another's work using information technology systems, the case shall be presented to the Dean of Undergraduate Education for review. The Dean of Undergraduate Education shall undertake a thorough investigation of the alleged offense, and if sufficient evidence warrants further action, the Dean of Undergraduate Education shall refer the case to a Judicial Review Board. When an offense occurs outside the context of a course, the Judicial Review Board will determine the sanctions imposed for each offense. These sanctions may include: (a) suspension from the College for a determined amount of time; or (b) expulsion from the College.

SANCTIONS

When an offense occurs in a course, the instructor will determine the specific sanctions imposed for each offense. These sanctions should be outlined in the course syllabus and may include but are not limited to

- Repeating the assignment with or without a reduction in grade for the assignment
- Failure or zero credit for the specific assignment
- A reduction in the student's grade for the course
- Failure for the course

Additional College sanctions for violations of the Policy are as follows

- 1st Offense: meeting with Success Advisor or a representative of the Dean of Undergraduate Education's office but no additional sanctions
- 2nd Offense: automatic failure of the course
 - Students cannot avoid failure by withdrawing from the course, and students who have already withdrawn will have the W/D replaced with an F.
- 3rd Offense: automatic failure of the course plus suspension for subsequent Fall or Spring semester
- 4th offense: automatic failure of the course and expulsion from the College

Students have the right to appeal any of these sanctions by submitting a formal appeal to the Judicial Review Board.

JUDICIAL REVIEW BOARD AND APPEAL PROCEDURES

The Judicial Review Board examines alleged offenses to the Academic Integrity Policy when they occur outside the context of a course and when students appeal a sanction mandated by the College's Academic Integrity Policy.

The Judicial Review Board consists of three members: one student chosen from the Judicial Review Board Membership and two faculty members appointed in accordance with the Faculty Regulations. The Dean of Undergraduate Education convenes the Judicial Review Board. A Success Advisor may accompany the student to the hearing for guidance, but friends, family, and/or representatives from outside Saint Michael's College may not.

The Judicial Review Board shall hear all relevant evidence from the involved parties on the matter. Based upon its determination of the facts, the Board can vote to uphold, reduce, or repeal any sanctions but cannot increase them. The Vice-President of Academic Affairs shall have the power to review any decision of the Judicial Review Board and to reverse or modify any decision.

CONFIDENTIALITY

Academic integrity reports are confidential and not part of a student's permanent record, and they will not appear on the student's transcript. However, suspensions and/or expulsions due to academic integrity violations do become part of a

student's permanent record. Academic Integrity offenses will be reported to outside organizations requesting a background check so long as we have received a signed release from the student of record.

For further information, please contact:

Office of the Dean of Undergraduate Education

Klein Hall, Room 105

802.654.2347

7. Grade and Academic Conflict Resolution Procedure

Instructors have broad leeway to assign grades according to their professional judgment. Instructors should evaluate work according to sound academic standards and in alignment with clearly specified policies and procedures on course syllabi, assignments, and communications.

Students may contest a grade if they feel it meets one or more of the following conditions:

- An error in the calculation of the grade
- The assigned grade is inconsistent with criteria and policies articulated in the course syllabus, and/or inconsistent with any stipulated conditions for course requirements and assignments
- The grading standards were inconsistently or inequitably applied
- The grade was given for factors other than academic performance, including personal bias or any criteria that would fall under the College's non-discrimination policy

Students pursuing an appeal must follow the conflict resolution procedure outlined below, and the student assumes the burden of proof in the appeals process.

A student who believes that course work has been unfairly evaluated, or who has another conflict regarding academic matters other than Academic Probation/Dismissal or Academic Integrity Policy should use the following procedure:

1. As soon as possible, no later than the end of the sixth week of the following semester, the student must approach the faculty member to discuss the issue. In the event of a grade dispute, the student should seek an explanation of the method of evaluation and seek a determination that no error has been made.
2. If the student is not satisfied with the results of this conference, a meeting has already taken place, or a meeting with the faculty member was not possible, the case must be presented in writing with supporting documentation to the department chair or program coordinator.
3. If, after consultation with the faculty member and after a review of the written evidence, the department chair finds legitimate cause for complaint, they will work toward an equitable solution with the student and faculty member. If this fails, the student may formally appeal the dispute by contacting the Dean of Undergraduate Education.

Procedures for a Formal Grade Appeal

Formal appeals are heard by a panel consisting of Dean of Undergraduate Education and two members of the Curriculum and Educational Policy Committee (CEPC), selected by that committee's chair. If the decision involves a grade change, the department chair will be consulted by the Dean to help determine the final grade.

Prior to the hearing, students must submit in writing the reasons for the appeal, along with any supporting documentation. The materials should address how the grade violated the conditions for a grade appeal outlined above. Students must be given adequate notice to prepare these materials, along with the opportunity to address the committee and answer any questions directly. Faculty who assigned the original grade may attend the hearing in person or submit their position in writing. Students can be advised by a Success Advisor, who may accompany them to the hearing at the student's request. Family, friends, and/or representatives from outside Saint Michael's College are not permitted in the hearing.

After reviewing all relevant documents and information related to the grade and appeal, the committee has within its purview the following outcomes:

1. Uphold the original grade
2. Assign a new grade
3. Allow the student to withdraw from the course with a grade of W/D
4. Allow the student to receive a pass for the course, provided the course does not count toward a major, minor, or the core curriculum

The committee will communicate the decision as soon as possible, though it may not be immediate if they need to collect additional information. The decision of the committee is final, and there will be no further opportunities to appeal the grade.

8. Academic Standing

Academic performance is reviewed twice a year, typically in January (after fall semester) and August (after spring and summer terms). Notification of academic standing is sent to the student's SMC email account.

Criteria for Good Academic Standing

<i>Earned</i>	<i>Minimum Cumulative</i>
<i>Credits</i>	<i>GPA Threshold</i>
0-17	1.6
18-34	1.8
35+	2.0

Academic Warning

A student in good academic standing (see table above) whose recent performance raises concerns about meeting academic standards in the future will receive an academic warning. Academic warnings are issued under the following circumstances:

1. The student earns a semester GPA below 2.0.
2. The student is completing 75% (or less) of the credits they are attempting. (*Note: Courses with grades of "F" and "WD" count toward attempted credits that aren't completed.*)

Students who receive a warning are invited to meet with academic support staff to create an academic improvement plan and are encouraged to utilize the many academic and personal supports available at Saint Michael's.

Academic Probation

A student who does not meet the minimum cumulative GPA threshold for good academic standing (outlined above) will be placed on academic probation. While on probation a student's participation in extracurricular activities may be restricted. The student will be placed on an Academic Improvement Plan (AIP) approved by the Office of the Dean of Undergraduate Education. The AIP specifies GPA targets for the following term and requires regular meetings with academic support staff. Students who meet or exceed their GPA targets are retained for the subsequent semester. If they

do not yet meet the criteria for good academic standing, they are continued on academic probation and given new GPA targets for the next term. Students who meet the criteria for good academic standing are removed from probation.

Academic Suspension

A student who fails to meet the GPA targets outlined in the AIP is suspended from Saint Michael's College for the following academic semester. Students have the option to appeal their suspension by submitting a formal letter to the Academic Review Board. The appeal should describe any extenuating circumstances contributing to poor academic performance and explain how the student will address these issues and improve academic performance during the upcoming semester. Students who do not submit an appeal by the deadline outlined in the suspension letter are suspended for the subsequent fall or spring term without further recourse.

The Academic Review Board (ARB) will review each student appeal, along with all relevant information, and recommend appropriate action to the Dean of Undergraduate Education and the Dean of the Faculty. Final decision-making authority on suspension or dismissal rests with the Dean of Undergraduate Education and the Dean of the Faculty. If the student's appeal is granted, the student is continued on academic probation for the following semester under the same conditions outlined above. If the appeal is denied, the student is suspended from Saint Michael's College for the subsequent fall or spring semester.

Suspended students should meet with a representative from the Office of the Dean of Undergraduate Education to develop plans for their time away from the College. That representative serves as the student's primary contact and resource during the suspension period.

Readmission After Suspension

To be readmitted following a suspension, students must submit a letter to the Dean of Undergraduate Education detailing how they will address prior obstacles to academic success and providing evidence of their ability to satisfy academic expectations. Full details about readmission are included in the letter detailing the academic suspension.

Academic Dismissal

Readmitted students who do not return to good academic standing and/or satisfy the conditions of their AIP will be dismissed from the College. Students may appeal a dismissal using the same process available for an academic suspension (see above). If the appeal is denied, the dismissal from Saint Michael's is final and permanent with no opportunity for readmission.

Although the procedure described above generally applies, Saint Michael's College reserves the right to suspend or dismiss at any time, without giving additional reason, students whose conduct or academic standing it judges to be unacceptable. Neither the College, nor the officers, nor the trustees of the College will be under any liability for such dismissal.

9. Dean's List & Latin Honors

Dean's List

A student who has completed a minimum of twelve normally graded credits with a grade point average of at least 3.5 in a particular semester is placed on the Dean's List for that semester. For purposes of the Dean's List, normally graded credits comprise courses with grades that have attached quality points. Therefore, grades of "P", "WD" and "XC" are

not included. A student with a grade of "I" (Incomplete) in a given semester is not eligible for inclusion on the Dean's List, even when the "I" is changed to a permanent grade.

Latin Honors

Students who complete their degree requirements with the cumulative grade point averages specified below receive their degrees with Latin Honors as designated below. In calculating Latin Honors, grade point averages are truncated - they are not rounded up or down.

Cum Laude	3.500
Magna Cum Laude	3.700
Summa Cum Laude	3.900

10. Transfer Credit

Residency Requirement

To earn a Saint Michael's College degree, students must earn a minimum of 32 credits through SMC coursework. At least one quarter (25%) of the credits used to satisfy major and minor requirements must be earned through SMC coursework. Students must earn 24 of their final 32 credits through SMC coursework, or through a college-approved study-abroad or study-away program.

Transfer Credit Policy

Credit is transferred on a course-by-course basis. Transferred courses are assigned an equivalent Saint Michael's College course prefix/number when applicable. If no equivalent course is designated, general credit in the appropriate discipline may be awarded.

The Registrar's Office makes the final determination on transferability of courses in consultation with the appropriate academic department.

In order to be eligible for transfer credit at Saint Michael's College, a course must meet the following criteria:

- Institution where the course was completed is a regionally or nationally accredited, degree-granting college or university in the US; or the institution is recognized as a post-secondary, degree-granting institution by the foreign government or state governmental agency in the country where the institution is located. (For US institutions, the institution's accrediting body must be recognized by the US Department of Education and/or the Council on Higher Education Accreditation).
- Course is comparable in content, nature, and rigor to course offerings in the corresponding discipline at Saint Michael's College.
- Course is completed with a grade of C- (or equivalent) or higher. The Registrar's Office reserves the right to require official documentation verifying successful completion of courses with grades of 'P' (Pass), 'S' (Satisfactory) or similar at the C- or higher level.

A course is not transferable under the following circumstances:

- Course discipline is not offered at Saint Michael's College, e.g., nursing, physical education, or culinary arts.

- Course is considered remedial or developmental in nature, and doesn't count toward degree requirements at sending institution.
- Course appears on transcript without credit and/or a grade assigned.
- Course credit was awarded based on life or work experience.
- Course credit is awarded in Continuing Education Units (CEU).

Grades in transferred courses are not transferable, and they are not used in the computation of the GPA at Saint Michael's College.

Transfer credit is awarded based on the credit value of the course in semester credit hours (or equivalent) at the sending institution, not based on the credit value of the comparable course at Saint Michael's College. The number of transfer credits Saint Michael's awards for a course will never exceed the credit value of the course at the sending institution. However, a three-credit transferred course may be used to satisfy a requirement if it is deemed equivalent to a four-credit Saint Michael's College that meets that requirement.

Transcripts

Students are responsible for ensuring that official copies of transcripts from each institution at which they have taken college-level coursework are submitted to Saint Michael's College for evaluation. This includes college credit earned through high school dual enrollment programs, Advanced Placement (AP) and International Baccalaureate (IB). Saint Michael's College accepts both hard-copy and electronic official transcripts.

College Credits Taken in High School

College level coursework completed in high school may be eligible for transfer credit. Coursework must be completed in accordance with the transfer credit policy information outlined in this catalog. An official transcript issued by the college or university granting credits is required. Transfer credit will not be considered for college-level coursework that appears on the high school transcript.

Advanced Placement (AP) Program of the College Board

Students receiving scores of 3 (Calculus, Language, Statistics exams), 4 or 5 on AP exams are granted transfer credit for SMC courses with comparable content. The SMC Registrar's Office requires official score reports sent directly from the College Board.

Students may opt to forego AP credit for introductory courses, particularly in the natural science fields. Students considering this option are encouraged to consult with their advisor or the appropriate department chair.

Advanced Placement Credit Information

International Baccalaureate (IB) Program

Students who complete the IB Diploma Program are eligible to receive up to 32 credits at Saint Michael's College, which is equivalent to one full year of study, or sophomore status.

IB students not completing the Diploma Program are also eligible to receive advanced standing and/or credit, which may be awarded for Higher Level (HL) or Standard Level (SL) courses with grades of 5, 6, or 7. A maximum of 32 credits will be awarded.

Official IB score reports should be sent directly from International Baccalaureate Organization to the SMC Registrar's Office.

College Level Examination Program (CLEP)

Students taking College Level Examination Program (CLEP) exams may receive transfer credit, provided the exam is in one of the subjects offered at Saint Michael's. All exams taken prior to beginning a degree program at Saint Michael's will be considered for transfer credit. Once matriculated at Saint Michael's, students are limited to earning credit for one CLEP exam, which typically corresponds to four credits at the introductory level. The minimum score for earning credit is 50 (comparable to a grade of C). To receive CLEP credits an official score report must be sent directly by the College Board to the SMC Registrar's Office.

Seal of Biliteracy

The Seal of Biliteracy is an award given by a school, district, or state in the United States to recognize students who have achieved proficiency in two or more languages by high school graduation. To earn the Seal of Biliteracy, students typically must demonstrate proficiency in English and one or more additional languages. The criteria for proficiency can include standardized assessments, coursework, or other approved methods. Requirements vary by state and/or district. The award is typically noted on the student's high school diploma and/or transcript.

Upon request from the student, the Registrar's Office will verify the Seal of Biliteracy on the official final high school transcript and/or through other official documentation. Students with a verified Seal of Biliteracy will earn up to 8 hours of foreign language credit. The credit will appear as 8.00 earned hours of transfer credit from Seal of Biliteracy on the official Saint Michael's College transcript. There are no grades associated with the seal, and this credit will not be included in the calculation of the student's Grade Point Average (GPA). The Registrar's Office will determine specific course and level equivalencies on a case-by-case basis in consultation with the Chair of Classical & Modern Languages.

American Council on Education (ACE) – Nonmilitary & Military Credit Recommendations

Saint Michael's College awards transfer credit based on ACE recommendations in accordance with the tenets of the transfer credit policy. The coursework must be comparable in content, nature and rigor to courses offered at SMC. Nonmilitary learners must provide the SMC Registrar's Office with an ACE Transcript, which includes credit recommendations and competencies that learners have earned through workplace training, exams, certifications, and alternative educational experiences.

ACE provides credit recommendations for military training in the Army, Marine Corps, Navy and Coast Guard through the Joint Services Transcript. Students with military experience in these branches must request an official Joint Services Transcript, which must be sent to the SMC Registrar's Office for review. Students with military experience in the Air Force may have credit from the Community College of the Air Force and/or Air University, which are fully accredited institutions and thus fall under the standard transfer credit policy.

Credit for Life & Work Experience

Saint Michael's College does not assess life or work experience for academic credit. Recognition is solely granted to life or work experiences evaluated and considered worthy of college-level credit by reputable entities like the American Council on Education or the Vermont State Colleges Office of Prior Learning Assessment.

SMC Students Taking Courses at Other Institutions

Students may be given permission to take courses at other institutions with the purpose of transferring the credit to SMC to meet degree requirements. Students must complete a Transfer Credit Pre-Approval Form and provide accompanying documentation, such as course descriptions and/or syllabi. Courses not approved in advance may not be accepted for transfer.

Special Provisions for Transfer Students with Associate Degrees

Students who have earned an Associate Degree at an accredited institution are eligible to transfer a minimum of 60 credits used to satisfy their Associate Degree requirements. Any such courses completed in disciplines not offered at SMC (e.g., nursing, physical education, or culinary arts) transfer as general elective credit. Associate Degree courses completed with grades below "C-" transfer as elective credit only; they may not be used to satisfy core, major or minor requirements.

11. Undergraduates Taking Graduate-Level Coursework

In certain cases, undergraduate students may receive permission to take graduate level coursework while pursuing the undergraduate degree. Permission to take graduate level course may be given by the course instructor and/or the chair or program director. Most graduate-level courses at Saint Michael's are worth 3 credits at the graduate level. Undergraduates typically receive 4-credits for 3-credit graduate courses due to the advanced content, nature and rigor of the course. In order to register for graduate level courses, undergraduates must file the Undergrad Enrollment in Grad Courses Form.

12. Voluntary Withdrawal & Medical Withdrawal from the College

Voluntary Withdrawal

Students may withdraw from Saint Michael's College temporarily or permanently. If the withdrawal occurs early in the semester, there may be a partial refund of tuition and fees. (Consult Student Financial Services' refund policy for additional information). Under usual circumstances, a withdrawal form should be obtained from and returned to the Office of the Dean of Undergraduate Education. The Dean files the form with the Registrar's Office.

Students who withdraw from the College while enrolled in classes, but prior to the course withdrawal deadline for the courses and/or term, will receive grades of WD in their enrolled courses. Students who withdraw from the College after the course withdrawal deadline will receive regular final letter grades in their courses, which may include several or all failing grades. This is the case for both unofficial withdrawals (in which a student leaves the College without notice) and official withdrawals (in which notice is provided) that occur after the course withdrawal deadline. The Dean of Undergraduate Education may consider exceptions to this policy in cases of non-medical emergencies or personal tragedies between the course withdrawal deadline and the end of the term. *NOTE: Students who leave the College for medical and/or psychological conditions after the course withdrawal deadline may fall under the Medical Withdrawal Policy outlined in this catalog.*

The student's official withdrawal date is typically the date the student provides on the official notification of their intent to withdraw from the College. The student's last date of attendance or participation in an academic activity may also be used to determine the official withdrawal date. Final determination of the student's official withdrawal date is made by the Registrar's Office in consultation with the Office of the Dean of Undergraduate Education.

Returning to the College

Students who wish to return to Saint Michael's College after a voluntary withdrawal should notify the Office of the Registrar by December 1 for the spring semester, April 1 for the summer term, and by August 1 for the fall semester. Readmission of voluntarily withdrawn students will be on a space-available basis.

Medical Withdrawal

Policy Statement

Saint Michael's College is strongly committed to supporting students achieving success in their intellectual and extracurricular endeavors. When illness or significant personal hardship intrudes upon a student's ability to successfully meet the requirements of their course of study, it is the College's policy to assist with the student's withdrawal from the College for the purpose of focusing on those matters requiring attention. Prior to re-matriculation, it is the College's intent to provide students with information about resources which may be of use to them as they resume their studies, and to provide support where possible in order to optimize the likelihood of a successful return to campus life.

Reason for the Policy

It is the goal of the College to foster an environment in which each student is able to fully pursue their academic goals. When illness prevents a student from achieving these goals, it is the intent of the College to provide a mechanism whereby the student may withdraw from their studies and return to them when able. In unusual circumstances, illness may cause a student to pose a threat to others or significantly disrupt the life of the community. In such circumstances, the College may find it necessary to involuntarily withdraw a student from the College.

Strategic Direction

This policy supports the following goal in the College's Strategic Plan:

Student Experiences: Provide a distinctive college experience that prepares students for success as accountable leaders in the 21st century.

Applicability of the Policy

This policy applies to all undergraduate and graduate students, whether they are matriculated or non-degree students at Saint Michael's College. This policy is in effect for the entirety of the academic year, including during fall and spring semesters and winter intersession and summer terms.

Procedures

1. Students who seek to withdraw from the College because of illness must meet with or submit a written request to the Director of Counseling at Bergeron Wellness (Kathy Butts). If the Director of Counseling is unavailable, the student may meet with the Director of Health Services (Anna Leavey), or the VP of Student Affairs (Dawn Ellinwood). As necessary, the VP or their designee will confer with appropriate campus medical or psychological professionals in order to make the final determination regarding the student's request. In unusual or complicated situations, the VP or designee may convene a committee composed of representatives from Student Health Services and/or the Office of Personal Counseling.
2. Students may initiate the medical withdrawal process up through the last day of classes for the given term. Medical withdrawals initiated after the final day of classes for the term will not apply retroactively – they will only apply to the subsequent term.
3. Students who are granted a withdrawal because of illness will receive grades of 'WD' for all courses attempted and not yet completed during that term.
4. Students granted a medical withdrawal will have a hold placed upon their registration by the VP's office pending successful petition for re-enrollment to the College.

5. Students granted a medical withdrawal will be dropped from all coursework for which they are registered in subsequent terms.
6. Graduate and undergraduate students granted a medical withdrawal should address the impact of withdrawal on the continuation of scholarship, research, graduate assistantship or other forms of educational support with the appropriate program administrator in their academic department. Any adjustment to the student's tuition will be made in accordance with standing college policy.

Students who wish to appeal the outcome of their request for medical withdrawal may do so by submitting their appeal in writing to Dawn Ellinwood, VP of Student Affairs.

It is the College's intention to support students in a successful return to the College community when illness has necessitated withdrawal. To this end:

1. Students will be informed that the College expects the leave to be of sufficient duration to allow the student to address the issues involved in necessitating a medical leave. In most cases, student who medically withdraw are away from the College for at least one full fall or spring semester after the medical withdrawal in order to enhance the likelihood of success upon return.
2. Students wishing to return to their studies following medical withdrawal must complete the following steps:
3. Notify the Director of Counseling at Bergeron Wellness Center (Kathy Butts) of their desire to return to the College.
 - Submit documentation from their treating clinician to the Medical Withdrawal Committee (in the care of Bergeron Wellness Center, Box 259 One Winooski Park, Colchester, VT 05439) attesting to the student's ability to resume studies with a reasonable likelihood of success. This information must be specific in its description of the student's illness and the treatment rendered. It must outline, as appropriate, a plan of treatment to be followed upon return. All documentation will be held in strict confidence by the College; it will be maintained in the student's health record. Upon request, the student will authorize the Medical Leave Committee to secure any additional information necessary to assess the student's readiness for readmission.
 - Submit documentation by the following dates: August 1st for the fall semester, December 1st for the spring semester, and April 1st for the summer term.
4. The Medical Withdrawal Committee will consult with appropriate resources in considering the student's request.
5. When the Medical Withdrawal Committee has concerns about the likelihood of the student's success, the committee's designee will communicate this to the student and, with the student's permission, to the treating clinician.
6. Students are expected to meet with Kathy Butts, Director of Counseling at Bergeron Wellness Center within two weeks of the first day of classes for the purpose of assessing their experience thus far and reviewing support resources available for them. An appointment can be made by calling 802.654.2234. A plan shall be outlined by the student and the Director determining plan of care and resources for the student.

Involuntary Withdrawal

1. The College may involuntarily require a student to withdraw from classes or require conditions for continued attendance when, as a result of a medical or psychological condition, one of the following transpires:
 - The student threatens the safety of others.
 - The student causes or threatens to cause significant property damage.
 - The student significantly disrupts the activities of the College.
 - The student demonstrates evidence of significant impairment and is unable to make an independent determination that a voluntary withdrawal is needed.
2. When a student exhibits any of the behaviors described above, they may be brought to the attention of the Vice President of Student Affairs. The VP or designee, in consultation with appropriate medical, psychological, or academic resources, may involuntarily withdraw a student from their classes or place conditions on the student's continued education.

3. Under certain circumstances involving the safety of the College community, the Office of the Vice President may mandate that the student undergo a psychological or medical assessment to assist in evaluating the student's ability to participate successfully in college life.
4. The results of the requested inquiry will be shared in written form with student.
5. If a student is involuntarily withdrawn from classes, the VP of Student Affairs, in consultation with appropriate campus resources and the committee, will make a determination regarding the length of separation from the College and describe the conditions under which the student may seek to return. A hold will be placed on the student's registration until the student has been granted readmission.
6. A student may appeal the results of the College's decision to involuntarily withdraw him or her from classes to the Vice President of Student Affairs and the director of Counseling at Bergeron Wellness Center. These individuals will review all available information and render a final determination. This result will be shared with the student.
7. Students involuntarily withdrawn from classes will receive grades of 'WD' for all courses attempted during that semester.
8. Students seeking readmission to the College following involuntary withdrawal must follow the same procedure outlined for students returning following voluntary withdrawal.
9. All records concerning involuntary withdrawal will be kept separately from the student's academic record in accordance with the College's policy on the confidentiality of student records.

Concerns Regarding Discrimination

Any student who believes they have been discriminated against under the policy because of their medical condition should discuss their concerns with the representative for Affirmative Action and Equal Opportunity and may file a complaint with the Office of Human Resources.

Contacts

Questions related to the daily operational interpretation should be directed to:

Vice President for Student Affairs	Director of Counseling, Bergeron Wellness Center
Dawn Ellinwood	Kathy Butts
(802) 654-2566	(802) 654-2234

Departments and Programs

Biochemistry

Program Director: Associate Professor Christina Chant (Chemistry)

Affiliated Faculty: Mark Lubkowitz (Biology)

The program in biochemistry provides a foundation in the biological and physical sciences, with an emphasis on their application to the molecular explanation of the structural and functional dynamics of living systems.

Students who graduate from our program have a wide variety of career options. Upon graduation, they are qualified to move directly into jobs in industrial, government, and academic laboratories and are prepared to apply for admission to many healthcare professional programs, including medical, nursing, and pharmacy schools. Our students are also well prepared for graduate studies in biochemistry and, with additional electives, for graduate studies in biology and chemistry.

Bachelor of Science in Biochemistry

Required Courses:

- BI 151 - Introduction to Ecology and Evolution **Credits: 4**
or BI 152 - Introduction to Health Science **Credits: 4**
- BI 153 - Introductory Cell Biology and Genetics **Credits: 4**
- BI 223 - Molecular Genetics **Credits: 4**
- BI 225 - Cell Biology **Credits: 4**
- CH 110 - General Chemistry I **Credits: 4**
- CH 117 - Organic Chemistry I **Credits: 4**
- CH 207 - Organic Chemistry II **Credits: 4**
- CH 208 - General Chemistry II **Credits: 4**
- CH 302 - Chemical Thermodynamics and Kinetics **Credits: 4**
- CH 325 - Biochemistry I **Credits: 4**
- CH 327 - Biochemistry II **Credits: 4**
- CH 410 - Senior Seminar Part I **Credits: 2** & CH 411 - Senior Seminar Part II **Credits: 2**
(Two semester sequence taken in senior year for a total of 4 credits)

Choose one of the following:

- **One 300- or 400-level Biology laboratory course**
- CH 301 - Integrated Chemical Analysis **Credits: 4** (formerly CH-215)
- CH 304 - Quantum Chemistry and Spectroscopy **Credits: 4**
- BI 219 - Human Anatomy and Physiology II **Credits: 4**

And also take the following cognate courses:

- MA 150 - Calculus I **Credits: 4**
- MA 160 - Calculus II **Credits: 4**
- PY 210 - College Physics I **Credits: 4** or PY 220 - General Physics I **Credits: 4**
- PY 211 - College Physics II **Credits: 4** or PY 221 - General Physics II **Credits: 4**

Note:

Students planning to attend graduate school or a health-related professional program should discuss other course options with advisor.

Biology

Faculty:

Chair: Associate Professor Paul Constantino

Professors: Declan McCabe, Mark Lubkowitz

Associate Professor: Ruth Fabian-Fine, Dagan Loisel, Adam Weaver

Assistant Professors: Lyndsay Avery, Nicole Podnecky

Lab Coordinators/Instructor: Brian Swisher

Instructors: Carolyn Marsden, Katheryn Soons

The John C. Hartnett, Ph.D. '43 Endowment (2000) was established by Paul A. Lachance, Ph.D. '55, and Therese C. Lachance to honor Professor Emeritus, John C. Hartnett, Ph.D. '43 for his remarkable dedication to excellence in teaching and his outstanding influence on forty-four years of biology and other students at Saint Michael's College. The fund provides increased faculty-student research opportunities.

Biology is the scientific investigation of living things at all levels of organization, from the structure and function of biological molecules within cells to the interactions of populations of organisms with each other and with their environment. The goals of the biology major are to provide students with a fundamental understanding of biology at each major level of organization (molecular/cellular, organismal, and population), to develop each student's ability to study the current biological literature, to develop written and verbal communication skills within the field, and to provide opportunities for independent research. Sound understanding of chemistry and mathematics is an integral part of the major. Ample flexibility within this framework allows students to choose many of their biology courses to suit individual interests. Students who complete the biology major successfully are prepared to pursue a variety of careers including health-care professions; environmental, biological, and biomedical research; and education.

The biology department offers five specific plans of study for students interested in particular areas of biology. Careful selection of required and elective biology courses will enable students to pursue one of these plans in the context of the biology major. The Conservation Biology option is appropriate for students interested in ecology and natural resources. The Cellular and Molecular Biology option is suitable for students interested in cellular, molecular, and biomedical topics. The Pre-Health option is designed for students interested in healthcare careers including medicine, dentistry, veterinary medicine, and other healthcare professions. The Biology Education option is appropriate for students planning to teach elementary, middle, or high school. The Generalist option is available for students who want to take a broad array of courses in biology. Suggested biology courses for each of these options are listed below the general description of requirements for the biology major.

Qualified biology majors are encouraged to pursue a variety of opportunities to enhance their major program. Many students carry out original laboratory or field investigations with faculty members, undertake internships at a variety of off-campus facilities, or study abroad. Saint Michael's College is an affiliate member of the School for Field Studies, and a number of our students participate in international environmental research programs at SFS campuses in Australia, Costa Rica, Kenya, Mexico, or the Turks and Caicos Islands.

Success in the biology major ordinarily requires that the applicant has satisfactorily completed at least three years of high-school mathematics, and one year each of biology, chemistry, and physics.

Biology Learning Outcomes:

Students should ...

Be able to frame a scientific question or problem

Be able to undertake investigations and perform analyses that provide information about biological questions and help to solve biological problems.

Be able to communicate the results of scientific investigations.

Know how to locate, obtain, read, and understand appropriate literature in the biological sciences.

Be familiar with biology at different levels of biological organization.

Be able to evaluate scientific arguments critically.

Bachelor of Science in Biology

Required Courses:

- BI 151 - Introduction to Ecology and Evolution **Credits: 4**
OR BI 152 Introduction to Health Science **Credits: 4**
- BI 153 - Introductory Cell Biology and Genetics **Credits: 4**
- BI 205 - Communications in the Biological Sciences **Credits: 4**
- BI 410 - Senior Seminar **Credits: 4**
OR NS 410 Neuroscience Senior Seminar **Credits: 4**

Choose six additional full upper-level biology courses:

At least one from each of the following three groups. Five of the six upper-level biology courses must be lab courses.

At least one of the upper-level biology courses must be at the 300- or 400-level.

Molecular/Cellular

- BI 222 - Population and Evolutionary Genetics **Credits: 4**
- BI 223 - Molecular Genetics **Credits: 4**
- BI 225 - Cell Biology **Credits: 4**
- BI 230 - General Microbiology **Credits: 4**
- BI 318 - Cellular/Molecular Neuroscience **Credits: 4**
- BI 319 - Toxicology **Credits: 4**
- BI 320 - Neuroscience: Physiology/Behavior **Credits: 4**
- BI 345 - Developmental Biology **Credits: 4**
- BI 365 - Immunology and Parasitology **Credits: 4**

Organismal

- BI 207 - Human Anatomy and Physiology I **Credits: 4**
- BI 219 - Human Anatomy and Physiology II **Credits: 4**
- BI 247 - Plant Science and Agriculture **Credits: 4**
- BI 260 - Behavioral Ecology **Credits: 4**
- BI 230 - General Microbiology **Credits: 4**
- BI 319 - Toxicology **Credits: 4**
- BI 320 - Neuroscience: Physiology/Behavior **Credits: 4**
- BI 345 - Developmental Biology **Credits: 4**
- BI 355 - Evolution **Credits: 4**

- BI 356 - Human Evolution **Credits: 4**
- BI 365 - Immunology and Parasitology **Credits: 4**

Population

- BI 215 - Epidemiology **Credits: 4**
- BI 222 - Population and Evolutionary Genetics **Credits: 4**
- BI 237 - Coastal Biology of Ireland **Credits: 2** (when taken with another 2-credit Population Course)
- BI 240 - Aquatic Biology **Credits: 4**
- BI 249 - Tropical Ecology **Credits: 2** (when taken with another 2-credit Population Course)
- BI 250 - Field Tropical Ecology: Costa Rica **Credits: 2** (when taken with another 2-credit Population Course)
- BI 260 - Behavioral Ecology **Credits: 4**
- BI 342 - Community Ecology **Credits: 4**
- BI 355 - Evolution **Credits: 4**
- BI 356 - Human Evolution **Credits: 4**

Non lab courses that count towards the Biology Major

- BI 235 - Topics in Biology **Credits: Variable**
- BI 237 - Coastal Biology of Ireland **Credits: 2**
- BI 249 - Tropical Ecology **Credits: 2**
- BI 250 - Field Tropical Ecology: Costa Rica **Credits: 2**
- BI 257 - Virology **Credits: 4**
- BI 259 - Nutrition **Credits: 4**
- BI 335 - Advanced Topics in Biology **Credits: 4**

Take the following cognate courses:

- CH 110 - General Chemistry I **Credits: 4**
- CH 117 - Organic Chemistry I **Credits: 4**

Choose one:

- CH 207 - Organic Chemistry II **Credits: 4**
- CH 208 - General Chemistry II **Credits: 4**

Choose one:

- MA 130 - Elements of Calculus **Credits: 4**
- MA 150 - Calculus I **Credits: 4**
- MA 160 - Calculus II **Credits: 4** (MA-160 allowed if not counted elsewhere)

Choose one:

- ST 120 - Elementary Statistics **Credits: 4**

- ST 140 - Biological Data & Statistics **Credits: 4**
- MA 160 - Calculus II **Credits: 4** (MA-160 allowed if not counted elsewhere)

Suggested courses for:

Pre-Health

Select a minimum of six courses from the following:

- BI 207 - Human Anatomy and Physiology I **Credits: 4**
- BI 219 - Human Anatomy and Physiology II **Credits: 4**
- BI 222 - Population and Evolutionary Genetics **Credits: 4**
- BI 223 - Molecular Genetics **Credits: 4**
- BI 225 - Cell Biology **Credits: 4**
- BI 230 - General Microbiology **Credits: 4**
- BI 320 - Neuroscience: Physiology/Behavior **Credits: 4**
- BI 345 - Developmental Biology **Credits: 4**
- BI 355 - Evolution **Credits: 4**

Conservation Biology

Students may wish to enhance their conservation education through our affiliation with the School for Field Studies or our own Tropical Ecology travel course (BI 250).

Select a minimum of six courses from the following:

- BI 219 - Human Anatomy and Physiology II **Credits: 4**
- BI 222 - Population and Evolutionary Genetics **Credits: 4**
- BI 247 - Plant Science and Agriculture **Credits: 4**
- BI 249 - Tropical Ecology **Credits: 2**
- BI 250 - Field Tropical Ecology: Costa Rica **Credits: 2**
- BI 260 - Behavioral Ecology **Credits: 4**
- BI 230 - General Microbiology **Credits: 4**
- BI 342 - Community Ecology **Credits: 4**
- BI 355 - Evolution **Credits: 4**

Cellular and Molecular Biology

Select a minimum of six courses from the following:

- BI 219 - Human Anatomy and Physiology II **Credits: 4**
- BI 222 - Population and Evolutionary Genetics **Credits: 4**
- BI 223 - Molecular Genetics **Credits: 4**
- BI 225 - Cell Biology **Credits: 4**
- BI 230 - General Microbiology **Credits: 4**
- BI 320 - Neuroscience: Physiology/Behavior **Credits: 4**
- BI 345 - Developmental Biology **Credits: 4**
- BI 355 - Evolution **Credits: 4**

Biology Education

Students should refer to information regarding elementary and secondary licensure as detailed by the Saint Michael's College Department of Education. Achieving licensure with a Biology major may require a ninth semester in order to complete student teaching. ED-427 Teaching Elementary Science (4 credits) may be substituted for a non-lab upper level biology course.

Select a minimum of six courses from the following:

- BI 207 - Human Anatomy and Physiology I **Credits: 4**
- BI 219 - Human Anatomy and Physiology II **Credits: 4**
- BI 222 - Population and Evolutionary Genetics **Credits: 4**
- BI 223 - Molecular Genetics **Credits: 4**
- BI 225 - Cell Biology **Credits: 4**
- BI 247 - Plant Science and Agriculture **Credits: 4**
- BI 345 - Developmental Biology **Credits: 4**
- BI 355 - Evolution **Credits: 4**

Generalist

Select a minimum of six additional biology full courses with laboratory above the 100-level.

Pharmacy

For students interested in Pharmacy: through an agreement between Saint Michael's College and the Albany College of Pharmacy and Health Sciences, admission to the Doctor of Pharmacy program is assured for up to ten qualified SMC student per year. For more information please contact Dr. Shane Lamos at Saint Michael's College.

Recommended for those planning to do post-graduate work in biology or in health-related professions:

(i.e. medical, dental, veterinary, etc.)

- BI 420 - Biological Research **Credits: Variable**
- PY 210 - College Physics I **Credits: 4**
and
- PY 211 - College Physics II **Credits: 4**
OR
- PY 220 - General Physics I **Credits: 4**
and
- PY 221 - General Physics II **Credits: 4**

Minors

Aquatic and Marine Biology Minor

Required Courses:

- BI 151 - Introduction to Ecology and Evolution **Credits: 4**
- BI 240 - Aquatic Biology **Credits: 4**

Choose one upper-level population biology course:

- BI 260 - Behavioral Ecology **Credits: 4**
- BI 342 - Community Ecology **Credits: 4**
- BI 355 - Evolution **Credits: 4**

And choose two additional courses or academic experiences:

These requirements can be met by a range of courses and academic experiences specifically in salt-water or other aquatic environments as pre-approved by the Chair of Biology. Examples include:

- BI 205 - Communications in the Biological Sciences **Credits: 4**
- BI 237 - Coastal Biology of Ireland **Credits: 2**
- BI 420 - Biological Research **Credits: Variable** (on an aquatic topic)
- ES 357 - Environmental Restoration **Credits: 4**
- Additional upper-level population biology course(s) from the list above
- Courses taken as part of Study Abroad programs such as *Marine Biology* or *Biology of Marine Mammals*
- SEA Semester
- Summer internship in aquatic biology
- Summer research at SMC on aquatic systems

Biology Minor

Required Courses:

- BI 151 - Introduction to Ecology and Evolution **Credits: 4**
OR BI 152 - Introduction to Health Science **Credits: 4**

AND

- BI 153 - Introductory Cell Biology and Genetics **Credits: 4**

And choose:

- Three additional full 200- or 300-level biology courses at least two of which must be with laboratory.

Business Administration and Accounting

Faculty

Chair: Professor William Anderson

Professors: Karen Popovich

Associate Professors: Alaba Apesin, Paul Olsen

Assistant Professor: Xinting Zhen

Instructors: Steven Doyon, Alicia Norris

The David LaMarche '69 Chair in Business (2000) was established by Mr. and Mrs. Edmund J. Cashman, a Saint Michael's graduate of the Class of 1958. Mr. Cashman also served as a trustee of the College from 1985-1999. He and his wife, Susan, are the parents of three children, two of whom also graduated from Saint Michael's College. The Chair has been dedicated to honor David LaMarche, Class of 1969, who was a professor, Department Chair and Vice President for Academic Affairs at Saint Michael's College from 1974 to 2004. In his Saint Michael's career, Professor LaMarche not only practiced the highest standards of superior teaching, but also demonstrated consistent dedication to the Mission of Saint Michael's as envisioned by the founders of our College, the priests of the Society of Saint Edmund. Professor LaMarche, an academic leader, exemplified to generations of students that excellence is synonymous with values and appreciation of one another. Robert Letovsky was appointed the David LaMarche Chair beginning June 2017.

The Department offers majors and minors in accounting and business administration. These courses of study prepare students to work in administrative positions in business, government, and service organizations, or to enter an advanced degree program. Our program consists of 13 courses and includes:

- *foundational courses* such as ethics, statistics and economics
- *core courses* such as accounting, finance, management, analytics, marketing and strategy
- *elective courses* and an *experiential course* requirement

Our program is grounded in ethical and data-driven decision-making. Our curriculum is designed to assist new business students successfully navigate through the many facets of the contemporary organization. We try to strike an appropriate balance between theory and practice and to promote ethical decision making across all sub-disciplines in business (e.g. accounting, finance, management, marketing, and operations).

In addition to completing the program coursework, students must also complete one of the College's minors (students completing a second major satisfy this requirement).

The **accounting major** prepares students for careers in a variety of organizations including public accounting firms, business enterprises, government and non-profit organizations. In addition, the coursework is sufficiently broad to prepare students to continue their studies in graduate programs in accounting or business administration. The required courses in the accounting program build steadily on one another, culminating in a research-based seminar. Classmate and community partnerships are an integral part of our accounting discipline, as are the development and application of presentation skills.

To become a Certified Public Accountant (i.e. licensed to practice accounting professionally) will require a Bachelor's degree and a total of 150-academic credits in all states. Although there is some variation among states as to specific courses needed within the 150 hours, the accounting major curriculum at Saint Michael's can be readily augmented by existing courses to meet the content specifications. To accumulate additional credit hours toward the 150 hour requirement, some students use advance placement credits from high school, summer course work/summer internships performed for academic credit, etc. Others pursue a one-year Master's degree in accounting or business in graduate school after receiving their Saint Michael's Bachelor's degree. Saint Michael's has agreements with a number of graduate programs to set up potential graduate pathways for our accounting graduates.

There are also many other accounting-oriented career opportunities in corporations, government agencies and non-profit organizations that do not require licensing as a CPA and are therefore not subject to the 150-credit hour requirement.

Department Mission and Learning Goals

The Saint Michael's College Department of Business Administration and Accounting advances the mission of the College by preparing students for their careers while providing a foundation for lifelong learning.

Our program prepares students to make decisions, communicate, and collaborate in a range of organizations through the integration of business and the liberal arts. Our professional and diverse faculty is committed to student learning and development.

Our students learn to:

- I. Act ethically and professionally to uphold an organization's positive role in society;
- II. Work, collaborate, and lead in diverse teams and organizations;
- III. Apply written, oral, and interpersonal communication skills and use information technology effectively;
- IV. Analyze organizational context, strategy, operations, processes, and performance;
- V. Synthesize and evaluate data to support factual and ethical decision-making in a dynamic global economy;
- VI. Combine liberal arts and business studies to define problems and propose solutions; and
- VII. Initiate and advance self-learning, career planning, and personal development.

Bachelor of Science in Accounting

Required Courses:

Level I Courses:

- AC 141 - Financial Accounting **Credits: 4**
- AC 143 - Managerial Accounting **Credits: 4**
- AC 221 - Intermediate Accounting I **Credits: 4**
- AC 223 - Intermediate Accounting II **Credits: 4**
- BU 216 - Finance **Credits: 4** (Formerly AC-321)
- EC 101 - Principles of Macroeconomics **Credits: 4**
- EC 103 - Principles of Microeconomics **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4**

Level II Courses:

- AC 243 - Cost Management **Credits: 4**
- AC 415 - Federal Income Taxation **Credits: 4**
- AC 451 - Auditing **Credits: 4**

Seminar

- AC 450 - Seminar in Accounting **Credits: 4**

Electives - Select at least one:

- AC 250 - Nonprofit Accounting **Credits: 4**
- AC 425 - Capital Budgeting **Credits: 4**
- Other as approved (varies)
- BU 209 - Legal Environment of Business **Credits: 4**
- BU 111 - Excel and Business Applications **Credits: 4**

- BU 218 - Analytics in Operations **Credits: 4**
- BU 331 - Investments **Credits: 4**

Experiential Component - choose one:

- BU 496 - Organizational Problem Solving **Credits: 4**
- ID 498 - Internship Practicum **Credits: 4**

Recommended Courses for Further Study:

- BU 175 - Microsoft Excel (Online) **Credits: 2**
- BU 209 - Legal Environment of Business **Credits: 4**
- BU 214 - Management **Credits: 4**
- Complete a Minor or 2nd Major
(Can be in BU - see college catalog and your advisor to discuss options)

Bachelor of Science in Business Administration

Required Courses:

12 Full Courses & 1 Additional Half or Full Course Required

Required Foundation Courses

- AC 141 - Financial Accounting **Credits: 4**
- AC 143 - Managerial Accounting **Credits: 4**
- BU 103 - Managerial Ethics **Credits: 4**
- EC 101 - Principles of Macroeconomics **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4**

Required Business Core Courses

- BU 361 - Business Strategy **Credits: 4**
- BU 214 - Management **Credits: 4**
- BU 215 - Marketing **Credits: 4**
- BU 216 - Finance **Credits: 4**
- BU 218 - Analytics in Operations **Credits: 4**

Required Experiential Component

Choose one from the following:

- BU 496 - Organizational Problem Solving **Credits: 4**
- ID 498 - Internship Practicum **Credits: 4**
- ID 499 - (INT) Internship **Credits: Variable**

Required Minor

All Business Administration majors are required to complete a minor. (Students completing a second major fulfill this requirement).

Business Electives

Choose two courses from the following (minimum of 6 credits total):

- AC 250 - Nonprofit Accounting **Credits: 4**
- BU 111 - Excel and Business Applications **Credits: 4**
- BU 175 - Microsoft Excel (Online) **Credits: 2**
- BU 190 - Topics in Business Administration **Credits: Variable**
- BU 205 - Principles of Business Communication **Credits: 4**
- BU 209 - Legal Environment of Business **Credits: 4**
- BU 271 - International Business **Credits: 4**
- BU 310 - Personal Finance **Credits: 4**
- BU 313 - Leadership **Credits: 4**
- BU 319 - International Finance **Credits: 4**
- BU 321 - Human Resources Management **Credits: 4**
- BU 331 - Investments **Credits: 4**
- BU 355 - Operations Management **Credits: 4**
- BU 407 - Sports Marketing **Credits: 4**
- BU 443 - International Marketing **Credits: 4**
- BU 440 - Entrepreneurship **Credits: 4**
- BU 452 - New Business & Management Practices **Credits: 2**
- BU 462 - Advanced Topics in Finance **Credits: 4**
- BU 463 - Advanced Topics in Management **Credits: Variable**
- BU 464 - Advanced Topics in Marketing **Credits: 4**
- BU 465 - Advanced Topics in International Business **Credits: 4**
- BU 494 - Negotiations **Credits: 4**
- CS 109 - Computer Science for Engineering **Credits: 4**
- CS 111 - Introduction to Computer Science I **Credits: 4**
- DS 202 - Computational Methods for Data Science **Credits: 4**
- DS 203 - Introduction to Data Science **Credits: 4**
- EC 103 - Principles of Microeconomics **Credits: 4**
- MA 130 - Elements of Calculus **Credits: 4**
- MA 150 - Calculus I **Credits: 4**
- MU 281 - Introduction to the Music Industry **Credits: 4**
- MU 282 - Music Business and Management **Credits: 4**
- ST 201 - Intermediate Statistics **Credits: 4**
- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**
- ST 351 - Applied Regression Analysis **Credits: 4**
- ST 451 - Applied Statistical Methods **Credits: 4**
- **Note: BU 496 or ID 498, if not used to satisfy the Experiential requirement, may fulfill an Elective requirement.**

Minors

Accounting Minor

Required:

- AC 141 - Financial Accounting **Credits: 4**
- AC 143 - Managerial Accounting **Credits: 4**
- AC 221 - Intermediate Accounting I **Credits: 4**
- AC 223 - Intermediate Accounting II **Credits: 4**

Choose one:

- AC 243 - Cost Management **Credits: 4**
- AC 415 - Federal Income Taxation **Credits: 4**
- AC 451 - Auditing **Credits: 4**

Business Administration Minor

Required:

- BU 103 - Managerial Ethics **Credits: 4**
- AC 143 - Managerial Accounting **Credits: 4**
- BU 214 - Management **Credits: 4**
- BU 215 - Marketing **Credits: 4**
- BU Elective: Choose any BU or AC course.

Notes

1. Students majoring in Accounting and minoring in business must have 3 unique courses in their minor.
2. BU elective may be any course in the department catalog, including BU 216, BU 218, or other AC elective/required course.

Finance Minor

Required:

- AC 141 - Financial Accounting **Credits: 4**
- BU 216 - Finance **Credits: 4**

And take:

- EC 335 - Money and Banking **Credits: 4**
- OR another course approved by the Department of Business Administration and Accounting

And take 2 courses from:

- BU 319 - International Finance **Credits: 4**
- BU 331 - Investments **Credits: 4**
- OR another course approved by the Department of Business Administration and Accounting

Note:

Finance Minors must complete a minimum of 3 unique courses from other declared major(s) or minor(s).

Chemistry

Faculty

Chair: Professor Shane Lamos

Professor: Bret Findley, David Heroux

Associate Professors: Christina Chant, Andrew Korich

Instructor: Marque Moffett

The Leavy Family Chair (2000) was established by Edward C. Leavy '51, to endow a faculty position within the Department of Chemistry at Saint Michael's College. In June 2012, Alayne Schroll was appointed as the Leavy Family Professor.

The Department of Chemistry offers programs to meet the needs of students whose primary interest is chemistry, and who intend to pursue graduate or professional studies or enter directly into industry or secondary school teaching. With an appropriate choice of electives, the chemistry major can be the foundation for a career in medicine, dentistry, allied health sciences, law, or the business world. **This program is approved by the American Chemical Society.** Students who wish to receive an ACS-approved degree will need to complete an approved research experience and write a research report in addition to the courses required for the major. This experience can consist of an eight-week summer project at Saint Michael's College or an off-campus site, or an approved two-semester research project for college credit.

The major in chemistry should be chosen only by students who have a good aptitude for the physical sciences and mathematics.

Chemistry Learning Outcomes:

Students will demonstrate effective writing.

Students will demonstrate effective oral communication.

Students will demonstrate critical thinking.

Students will demonstrate effective problem solving.

Students will demonstrate accurate quantitative analysis.

Students will demonstrate library and information literacy skills.

Students will demonstrate computer literacy.

Students will show required lab skills.

Students will demonstrate scientific ethics.

Bachelor of Science in Chemistry

Required Courses:

- CH 110 - General Chemistry I **Credits: 4**
- CH 117 - Organic Chemistry I **Credits: 4**
- CH 207 - Organic Chemistry II **Credits: 4**
- CH 208 - General Chemistry II **Credits: 4**
- CH 301 - Integrated Chemical Analysis **Credits: 4** (formerly CH-215)
- CH 302 - Chemical Thermodynamics and Kinetics **Credits: 4**
- CH 304 - Quantum Chemistry and Spectroscopy **Credits: 4**
- CH 305 - Inorganic Chemistry **Credits: 4**
- CH 325 - Biochemistry I **Credits: 4**
- CH 410 - Senior Seminar Part I **Credits: 2**
- CH 411 - Senior Seminar Part II **Credits: 2**
- CH 417 - Chemical Instrumentation **Credits: 4**
- MA 150 - Calculus I **Credits: 4**
- MA 160 - Calculus II **Credits: 4**
- PY 210 - College Physics I **Credits: 4** or PY 220 - General Physics I **Credits: 4**
- PY 211 - College Physics II **Credits: 4** or PY 221 - General Physics II **Credits: 4**

Note:

Students planning graduate studies in chemistry will likely require more math background and should consult with their academic advisors on this matter.

Students who have received a score of 4 or higher on the Chemistry AP Exam may place out of CH 110 General Chemistry I and receive credit for the course.

In order to receive an ACS-approved degree in Chemistry, students must also complete an approved research experience during the summer or academic year and submit a research report.

Minor

Chemistry Minor

Required:

- CH 110 - General Chemistry I **Credits: 4**
- CH 117 - Organic Chemistry I **Credits: 4**
- Three additional courses at the 200 level or above

The chemistry minor enhances your current degree. With several paths to complete the minor, you can tailor a minor to match your interests and prepare yourself for the workforce.

Environmental Emphasis

- CH 208 - General Chemistry II **Credits: 4**
- CH 301 - Integrated Chemical Analysis **Credits: 4** (formerly CH-215)
- CH 308 - Environmental Chemistry **Credits: 4**

Analytical/Forensic Emphasis

- CH 208 - General Chemistry II **Credits: 4**
- CH 301 - Integrated Chemical Analysis **Credits: 4** (formerly CH-215)
- CH 417 - Chemical Instrumentation **Credits: 4**

Synthetic Emphasis

- CH 207 - Organic Chemistry II **Credits: 4**
- CH 301 - Integrated Chemical Analysis **Credits: 4** (formerly CH-215)
- CH 309 - A Synthetic CURE **Credits: 4**
or CH 305 - Inorganic Chemistry **Credits: 4**

Allied Health Emphasis

- CH 207 - Organic Chemistry II **Credits: 4**
- CH 208 - General Chemistry II **Credits: 4**
- CH 321 - Comprehensive Biochemistry **Credits: 4**
or CH 325 - Biochemistry I **Credits: 4**
or CH 309 - A Synthetic CURE **Credits: 4**

Physical Chemistry Emphasis

- CH 208 - General Chemistry II **Credits: 4**
- CH 302 - Chemical Thermodynamics and Kinetics **Credits: 4**
- CH 304 - Quantum Chemistry and Spectroscopy **Credits: 4**

Note:

Students who place out of CH 110 based on their AP exam score will have to take an additional approved course to complete the minor.

Classical and Modern Languages and Literatures

Department Faculty:

Chair: Associate Professor Peter Vantine

Affiliated Faculty:

Ronald Begley (Philosophy)

In these days of global complexities and rapid changes at the international level, we need to prepare our students to address the challenges that our society is facing; the environment, politics, the economy, communications, education, and business are just a few of the many fields in which languages are of growing importance. The ability to communicate in languages other than English is already necessary within our society, and it is increasingly likely that

during their professional careers college graduates will benefit from an understanding of one or more foreign languages.

The programs offered by the Department of Modern Languages and Literatures are designed to help students achieve proficiency in the languages we teach: Spanish, French, Chinese, and Latin, while also giving them an understanding of the cultures associated with these languages through the study of their literature, art, history, and politics. Our courses explore rich literary and artistic traditions and teach students to find meaning and value in works presenting sensibilities and views of the world outside the range of their own experiences. We choose and develop our study trips and travel abroad programs with the goal of having our students not only improve their language skills but also immerse themselves in new cultures, often participating in internships and service activities. On campus, we sponsor and organize activities such as concerts, Spanish Mass, film series for both French and Spanish, French Club, Spanish Club, Francophone Day events, and conversation hours; to bring together the Saint Michael's community and the local community, both American and international, through languages.

Study abroad is strongly recommended for all majors and minors; the overwhelming majority of our language majors and minors studies abroad at least one semester.

LEARNING OUTCOMES FOR FRENCH & SPANISH

Upon successful completion of the major, French and Spanish students will be able to:

- Communicate effectively and appropriately through speaking and writing in the target language at the high intermediate or advanced level* in a wide range of situations: including daily usage in a domestic or international setting; educational environments, from study abroad to graduate school; and general professional contexts.
- *Proficiency levels based on guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL).
- Read, discuss with others, and independently explore significant works of literature and other forms of cultural production in the target language, while being attentive to their historical contexts, their overall significance, and their continued relevance.
- Examine and produce coherent analyses of cultural and literary topics through research and critical reflection, demonstrating relevant use of textual evidence and documentation.
- Produce accurate, well-crafted written work and polished public speaking using the results of their own research and the research of others.
- Reflect on the values of the cultures they have studied and been immersed in, and be able to draw reasoned comparisons to their own culture on important topics.
- Apply their advanced language abilities, cultural knowledge, and intercultural competency to pursue professional opportunities or graduate studies — in the United States or in a country where the target language is spoken.
- Use the language to enrich their lives.

LEARNING OUTCOMES FOR LATIN

- Students will articulate and evaluate arguments, beginning with grammatical and philological assessments.
- Students will write effectively.
- Students will be prepared for careers in the professions of medicine, law, and academic life.
- Students will demonstrate knowledge of authors, genres, and texts from all periods of Latin literature.
- Students will describe the dialogue between Ancients and Moderns, helping them to understand the significance of what is sometimes described as 'The Battle of the Books'.
- Students will engage questions of faith and reason ('What has Athens to do with Jerusalem?').

Bachelor of Arts in French

Required Courses:

- FR 206 - Intermediate French 2 **Credits: 4**
- FR 208 - Conversation in French **Credits: 2**
OR
- FR 308 - Advanced Conversation **Credits: Full**
OR Study Abroad semester in French.
- FR 310 - Advanced Communication and Culture **Credits: 4**
- FR 460 - Senior Seminar **Credits: 4**
(must be taken at SMC)

And:

Take five and a half or six additional electives (between 22 and 24 credits) in French; among these may be included one ALC earned in French. At least two of these elective courses must be taken at SMC. One of these electives may be a course taught in English (i.e., any departmental course taught in English or, with permission, a course from another department on a topic directly and substantially related to French or Francophone studies).

Bachelor of Arts in Spanish

Required Courses:

- SP 206 - Intermediate Spanish 2 **Credits: 4**
- SP 308 - Advanced Conversation **Credits: 4**
OR Study Abroad semester in Spanish
- SP 310 - Advanced Communication and Culture **Credits: 4**
- SP 343 - Literary Studies in Spanish **Credits: 4**
(must be taken at SMC)
- SP 460 - Senior Seminar **Credits: 4**
(must be taken at SMC)

And:

Take four and a half or five additional electives (between 18 and 20 credits) in Spanish at the 200-level or above; among these may be included one ALC earned in Spanish. At least two of these elective courses must be taken at SMC.

Minors

French Minor

Required:

Choose five French courses (20 credits) from the level 203 and higher:

- FR 203 - Intermediate French 1 **Credits: 4**
- FR 206 - Intermediate French 2 **Credits: 4**
- FR 208 - Conversation in French **Credits: 2**
- FR 270 - Senegalese Culture **Credits: 2**
- FR 271 - Service and Culture in Senegal **Credits: 2**
- FR 308 - Advanced Conversation **Credits: Full**
- FR 310 - Advanced Communication and Culture **Credits: 4**
- FR 313 - Topics in Francophone Culture **Credits: 4**
- FR 315 - Topics in French Culture **Credits: 4**
- FR 321 - Intercultural Québec **Credits: 4**
- FR 335 - Readings in Francophone Literature **Credits: 4**
- FR 340 - Readings in French Literature **Credits: 4**
- FR 341 - Readings in French Literature (CIT) **Credits: 4**
- FR 343 - Literary Studies in French **Credits: 4**
- FR 345 - Poetry in French **Credits: 4**
- FR 460 - Senior Seminar **Credits: 4**

Latin Minor

Required:

- LA 101 - Elementary Latin 1 **Credits: 4**
- LA 102 - Elementary Latin 2 **Credits: 4**
- HI 113 - History of Rome **Credits: 4**
- LA 310 - Directed Readings in Latin Literature **Credits: 4**

Choose one course in translation:

- CL 118 - Ancient Medicine and the Greek and Latin Roots of Scientific Terminology **Credits: 4**
- HU 101 - Ancient and Medieval Civilization **Credits: 4**
- PH 309 - Author/Text - Ancient **Credits: 4**
- PH 319 - Major Author/Text: Medieval Christian **Credits: 4**
- RS 321 - Judaism in the Greco-Roman World **Credits: 4**

Spanish Minor

Required:

Choose five Spanish courses (20 credits) from the level 203 and higher:

- SP 203 - Intermediate Spanish 1 **Credits: 4**
- SP 206 - Intermediate Spanish 2 **Credits: 4**
- SP 308 - Advanced Conversation **Credits: 4**
- SP 310 - Advanced Communication and Culture **Credits: 4**
- SP 313 - Topics in Latin American Culture **Credits: 4**
- SP 315 - Topics in Spanish Culture **Credits: 4**

- SP 330 - Spanish/Latin American Film **Credits: 4**
- SP 335 - Readings in Latin American Literature **Credits: 4**
- SP 340 - Readings in Spanish Literature **Credits: 4**
- SP 343 - Literary Studies in Spanish **Credits: 4**
- SP 345 - Poetry in Spanish **Credits: 4**

Other Programs

Applied Language Component (ALC)

Students who have completed a sufficient level in a foreign language may continue to develop their proficiency through applied language components of courses taught in English. This allows the students to read and discuss, in the foreign language, selected texts and materials pertinent to the subject matter of the course. These courses are offered in a variety of disciplines. Students meet one additional hour per week with their instructor(s) to discuss the texts in the foreign language. Those who successfully complete the language portion of such a course will receive credit for a half course.

Computer Science

Faculty

Chair: Professor John Trono

Associate Professor: Greta Pangborn

Assistant Professor: Brandon Demarest

The major in Computer Science is designed to prepare students for a life of learning in the computing field that allows them to apply technology to human endeavors of problem-solving, or to pursue further study at the graduate level. The department has a heritage of faculty/student research that provides motivated students with the opportunity to explore topics of mutual interest. Our core Computer Science courses allow the advanced student to pursue the study of a number of Computer Science areas such as artificial intelligence, computer security and cryptography, or advanced algorithms. The curriculum has been divided into three segments: introductory courses, the basic core of Computer Science courses, and electives in Computer Science.

The introductory course work consists of two semesters of Computer Science concepts (concentrating on algorithm design and programming in a higher-level language), and two semesters of calculus. The core covers the principles and theories of Computer Science with courses in discrete mathematics, data structures and the analysis of algorithms, statistics, computer organization, programming languages, software engineering, operating systems, computer architecture, and software engineering. The electives will be chosen with the guidance of a departmental advisor.

The curriculum prepares the major to pursue a career in the computer industry or to continue studying Computer Science at the graduate level. Computer Science majors should give consideration to obtaining a minor in a related field.

Several specific Computer Science and Business courses comprise the Information Systems major. Please see that specific program for more information.

Computer Science Learning Outcomes:

Students will create clearly documented software that will be both efficient and robust.

Students will produce several solutions to typical computer science problems and use mathematical and/or experimental techniques to investigate and evaluate the value of their alternate solutions.

Students will analyze discipline specific material, determine its accuracy, and compose clear and concise prose that summarizes those ideas and/or challenges those conclusions.

Students will be prepared for careers that utilize their computing skills.

Bachelor of Science in Computer Science

Required Courses:

- CS 111 - Introduction to Computer Science I **Credits: 4**
- CS 113 - Introduction to Computer Science II **Credits: 4**
- MA 150 - Calculus I **Credits: 4**
- MA 160 - Calculus II **Credits: 4**
- CS 211 - Data Structures and the Analysis of Algorithms **Credits: 4**
- CS 213 - Machine Organization and Assembly Language **Credits: 4**
- CS 303 - Organization of Programming Languages **Credits: 4**
- CS 311 - Principles of Operating Systems **Credits: 4**
- CS 313 - Computer Architecture **Credits: 4**
- CS 407 - Software Engineering **Credits: 4**
- MA 207 - Discrete Mathematics **Credits: 4** OR MA 240 - Proofs **Credits: 4**
- MA 208 - Theory of Computation **Credits: 4**
- ST 251 - Probability **Credits: 4**

And choose:

- Two additional Computer Science electives at the 300-level or above.
(Two half courses count as one elective.)

Bachelor of Science in Cybersecurity

Required Courses:

- BU 103 - Managerial Ethics **Credits: 4**
- CS 111 - Introduction to Computer Science I **Credits: 4**
- BU 214 - Management **Credits: 4**

And choose one:

- CS 113 - Introduction to Computer Science II **Credits: 4**
- DS 202 - Computational Methods for Data Science **Credits: 4**

And choose one:

- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- CR 201 - Theories of Crime, Justice, and Race **Credits: 4**

- PS 101 - General Psychology **Credits: 4**
- SO 101 - Introduction to Sociology **Credits: 4**

Required Cybersecurity Courses

- CY 101 - (LCMC) Introduction to Cybersecurity **Credits: 3**
- CY 102 - (LCMC) Introduction to Information Technology Systems **Credits: 3**
- CY 201 - (LCMC) Cybercrime and Governance **Credits: 3**
- CY 202 - (LCMC) Modern Cybersecurity **Credits: 3**
- CY 205 - (LCMC) Google Cloud Computing Foundations **Credits: 3**
- CY 301 - (LCMC) Cyber Forensics **Credits: 3**
- CY 410 - (LCMC) Capstone: Ethical Hacking **Credits: 3**

Required Minor

All Cybersecurity majors are required to complete a minor. (Students completing a second major fulfill this requirement).

Minors

Computer Science Minor

Required:

- CS 111 - Introduction to Computer Science I **Credits: 4**
- CS 113 - Introduction to Computer Science II **Credits: 4**
- CS 211 - Data Structures and the Analysis of Algorithms **Credits: 4**

Choose two full courses:

(two half courses count as one elective)

- CS 213 - Machine Organization and Assembly Language **Credits: 4**
- CS 303 - Organization of Programming Languages **Credits: 4**
- CS 304 - Web Programming **Credits: 4**
- CS 305 - Database Management **Credits: 2**
- CS 307 - Computer Networks **Credits: 2**
- CS 311 - Principles of Operating Systems **Credits: 4**
- CS 313 - Computer Architecture **Credits: 4**
- CS 317 - Computer and Information Security Topics **Credits: 2**
- CS 407 - Software Engineering **Credits: 4**
- CS 411 - Advanced Topics in Computer Science **Credits: Variable**
- CS 415 - Artificial Intelligence **Credits: 4**
- DS 202 - Computational Methods for Data Science **Credits: 4**

Digital Media and Communications

Faculty

Chair: Associate Professor Jerald Swope

Professors: Jon Hyde, Kimberly Sultze

Assistant Professor: Sebastiaan Gorissen

Instructor: Allison Cleary

The Department of Digital Media and Communications was established in 1974 through grants from the Frank E. Gannett Foundation and other sources, the proceeds of which continue to support the program.

The Department of Digital Media and Communications at Saint Michael's College prepares students to be media professionals and communication consumers in an increasingly technological age. The new media revolutions of 1990s and 2000s have fundamentally changed the way we think about concepts like community, interpersonal relationships, and democracy. At Saint Michael's, students integrate theoretical knowledge in media studies with practical abilities to gather, evaluate and communicate information using state-of-the-art technologies. There are two versions of the Digital Media and Communications major: one with a Journalism concentration, and one without. Both versions combine the arts and sciences with hands-on communication skills, critical to our students as they learn to become effective communicators in our Information Age.

Some of our graduates are employed in newsrooms all over New England and beyond. Many other graduates are working in web design, film production, photojournalism, advertising, public relations, marketing, and politics (one of our graduates is the press secretary for the Senate Judiciary Committee). Some are doing jobs that weren't even invented a decade ago, like Director of Social Media. Others have gone on to a range of graduate programs: law school, media studies, American studies, and other fields.

As a digital media and communications student, you will learn to write quickly, accurately, and under deadline pressure. You will learn to conduct research using traditional and electronic sources. You will acquire a deep understanding of the ethical and legal responsibilities associated with being a mass communicator—whether in the newsroom or the marketplace. And you will develop a mastery of current technologies, including multimedia, desktop publishing, the internet and the World Wide Web, digital photography, digital video and digital audio.

All students at the college are required to earn a 2.0 GPA overall and in their major. Digital Media and Communications is a challenging major and we strongly urge students who drop below either of these numbers to select a different major.

The Digital Media and Communications curriculum at Saint Michael's is designed to ensure that students acquire a specific set of essential skills and understandings. They include:

1. **A firm grounding in the liberal arts.** A professional communicator must be a generalist's generalist, a Renaissance person in an age of specialization. Courses in philosophy, theology, English, humanities and the sciences are necessary preparation for a career dedicated to the communication of information and ideas.
2. **Verbal and computer literacy.** Each of our students takes two semesters of writing, as well as a series of courses designed to instill the creative problem solving and intellectual flexibility they will need in a rapidly changing technological environment.
3. **Fundamental skills essential to their chosen field.** Our curriculum retains a focus on basic journalistic skills, including newswriting, editing, and information gathering.
4. **A grounding in the ethical responsibilities of a professional communicator.** Students preparing for a career in media must understand the roles, freedoms and responsibilities of the media in contemporary society. Our curriculum incorporates theoretical and philosophical concepts related to the media's role in society, with a strong emphasis on ethical considerations and issues.
5. **Connectedness.** The course sequence is designed to allow students to draw connections between and among the various technologies and to develop understandings of the ways in which the delivery system impacts the message. This approach encourages students to think critically about which delivery system is appropriate to

the message, to the context in which it is being communicated, and to the audience to which it is being delivered - in short, students will become familiar with the different ways of knowing and understanding mediated information.

6. **International understanding.** Marshall McLuhan long ago characterized the mediated world as a global village, and there is no question that he was correct. Saint Michael's requires all of its undergraduates to acquire experience in a foreign language. In addition, the department requires that all of our majors study abroad at some point during their college careers.

Bachelor of Arts in Digital Media and Communications

Required Courses:

- DMC 101 - Media Revolutions: Social, Political, & Psychological Issues **Credits: 4**
- DMC 110 - Digital Media: Arts, Culture, & Theory **Credits: 4**
- DMC 205 - Reporting for Media **Credits: 4**
- DMC 250 - Global Communication **Credits: 4**
- DMC 450 - Senior Research Proposal Seminar **Credits: Variable**
- DMC 460 - Senior Seminar in Digital Media and Communications **Credits: 4**

And:

An approved Study Abroad/Away experience.

Choose one of the following:

- DMC 210 - Photojournalism in the Digital Age **Credits: 4**
- DMC 266 - Digital Film and Television **Credits: 4**

In addition, choose any four DMC or DMK courses at the 200-400 level OR any three courses and ID-498

It is recommended that one course be taken from each of the four following areas:

- The impact and critical assessment of modern visual media environments
- The impact and critical assessment of digital multimedia environments
- Study of the media related to race, gender, ethnicity, and cross-cultural interactions
- Advanced media writing and publication

Journalism Concentration:

Students who want to pursue the major in Digital Media and Communications with a concentration in Journalism should take the following two courses to fulfill two of their 200-400 level requirements.

- DMC 207 - Multimedia Reporting **Credits: 4**
- DMC 411 - Writing and Editing for Publication **Credits: 4**

Strongly Recommended:

- DMC 413 - Internship in Digital Media and Communications **Credits: 4**

Bachelor of Science in Digital Marketing

Required Courses:

- DMC 150 - Introduction to Marketing Communications and Social Responsibility **Credits: 4**
(OR BU 215 - Marketing **Credits: 4**)
- DMC 201 - Digital Marketing Strategy and Analytics **Credits: 4**
- DMC 323 - Social Media Marketing **Credits: 4**
- DMC 465 - Digital Marketing Senior Seminar **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4** OR ST 101 - Reasoning with Data and Chance **Credits: 4**

Digital Media and Communications Foundations:

- DMC 101 - Media Revolutions: Social, Political, & Psychological Issues **Credits: 4**
- DMC 110 - Digital Media: Arts, Culture, & Theory **Credits: 4**
- DMC 250 - Global Communication **Credits: 4**
- DMC 266 - Digital Film and Television **Credits: 4**

And either:

- **An approved international experience or international internship.** This could be a semester-long or summer study abroad experience; faculty led study trip; an international Freeman Foundation internship (or equivalent), an international MOVE trip; or
- **A domestic internship,** ID 498 - Internship Practicum **Credits: 4**

Choose three depth or breadth electives

in digital marketing strategy, content creation, or project management:

- AR 217 - Introduction to Web Design **Credits: 4**
- AR 320 - Brand Design **Credits: 4**
- BU 271 - International Business **Credits: 4**
- BU 443 - International Marketing **Credits: 4**
- CS 111 - Introduction to Computer Science I **Credits: 4**
- DMC 210 - Photojournalism in the Digital Age **Credits: 4**
- DMC 215 - Photography and Tourism **Credits: 4**
- DMC 233 - Adventure & Environmental Filmmaking **Credits: 4**
- DMC 303 - Nature and Outdoor Writing **Credits: 4**
- DMC 305 - Persuasive Writing **Credits: 4**
- DMC 311 - Digital Media II: Advanced Graphic Design **Credits: 4**
- DMC 363 - Study Abroad Re-Entry: Travel Writing **Credits: 4**
- DMC 275 - Race, Gender, and (in)Equity in Marketing Communications **Credits: 4**
- DS 202 - Computational Methods for Data Science **Credits: 4**
- ID 498 - Internship Practicum **Credits: 4**

Minors

Digital Marketing Minor

Required:

- DMK 150 - Introduction to Marketing Communications and Social Responsibility **Credits: 4**
(or BU 215 - Marketing **Credits: 4**)
- DMK 201 - Digital Marketing Strategy and Analytics **Credits: 4**
- DMK 323 - Social Media Marketing **Credits: 4**

Choose one:

- DMC 110 - Digital Media: Arts, Culture, & Theory **Credits: 4**
- DMC 266 - Digital Film and Television **Credits: 4**

And take one additional DMK or DMC course at the 200-level or above.

Digital Media and Communications Minor

Required:

- DMC 101 - Media Revolutions: Social, Political, & Psychological Issues **Credits: 4**
- DMC 110 - Digital Media: Arts, Culture, & Theory **Credits: 4**
- DMC 205 - Reporting for Media **Credits: 4**
- DMC 250 - Global Communication **Credits: 4**
- And Choose one additional DMC or DMK elective course (200-400 level)

East Asian Studies

Director: Instructor Eva Pascal

The East Asian Studies minor is an interdisciplinary program that provides students with an opportunity to explore the politics, society, history, culture, and languages of East and South Asia.

Minor

East Asian Studies Minor

Required:

Choose five full courses from the following list:

- ANT 341 - Anthropology of Mental Health **Credits: 4**

- HI 143 - Modern East Asia **Credits: 4**
- HI 341 - Advanced Topics in East Asian History **Credits: 4**
- RS 323 - Hinduism **Credits: 4**
- RS 325 - Buddhism **Credits: 4**

Economics

Faculty

Chair: Associate Professor Patrick Walsh

Assistant Professors: Shahrzad Ghourchian, Samantha Trajkovski

The economics major provides an understanding of economic theory and institutions. Additionally, the major prepares students to apply this knowledge in the analysis of a wide range of economic problems and policies.

Students majoring in economics have a broad range of interests. Some seek training for careers in business or industry; others seek preparation for graduate school in economics, finance, business administration or law; some simply have an interest in the social sciences and are particularly intrigued by economic problems while others hope to use their knowledge of economics to improve societal outcomes through their work in government and non-profit agencies. The economics program is designed to accommodate this diversity of interests among majors.

The major consists of core courses at the introductory level, followed by skill-building courses in statistics and mathematics, after which students take two intermediate or upper level courses in macroeconomic and microeconomic theory. Beyond this, students choose a sequence of economics electives that are consistent with their interests. All students in the major work closely with an advisor in the department to plan their program of study. Students also complete a two-semester Senior Seminar in economics consisting of weekly meetings with a faculty advisor. This seminar enables them to pursue research on topics that interest them with the guidance of the faculty member. At the end of the spring semester, students discuss and present the results of their work to their peers and professor. Additionally, some seniors also have the opportunity to present their findings at a college wide research symposium at the end of the academic year.

Note that students should complete Economics 101 or 103 prior to enrolling in other economics courses, unless specific exception is made.

Students in good standing have the opportunity to apply for internships in economics. These are taken during the junior or senior year. Except in unusual circumstances, internships are not a substitute for a regular elective. The department also encourages students to study abroad.

Economics Learning Outcomes

- *The recipient of a B.A. in Economics must have knowledge, tools and skills acquired over a four year period and a minimum of eleven courses in the program.*
- *First and foremost, their knowledge is based in theoretical and conceptual foundations of economics.*
- *Second, their tools and skills comprise of quantitative methods such as statistical, mathematical, econometric techniques and non-quantitative methodologies of analysis such as integrated approaches to studying economies, and policy studies.*
- *Students must gain comfort with analyzing questions from a quantitative perspective.*
- *Students must be able to use common statistical procedures ranging from simple hypothesis testing, descriptive statistical methods and basic regression analysis.*
- *Familiarity with using theoretical models to describe and predict human behavior and that of markets under a variety of conditions and contexts.*
- *Familiarity with economic history and the intellectual evolution of economics. The latter consists of basic familiarity with major thinkers and schools of economic thought.*

- *A well-developed understanding of key economic concepts, including but not limited to opportunity cost, comparative advantage, competition, the role of prices and profits, markets and market failures, productivity, Gross Domestic Product accounting, business cycles, income and wealth inequality, measurements of poverty, human development, interest rates, exchange rates, externalities;*
- *Students must understand the workings of markets and government, the public sector and the private sector; the basic interconnectedness between product markets, factor markets and financial markets both domestic and global.*
- *Students must understand the role and functioning of key domestic and international institutions such as the Federal Reserve, Treasury, International Monetary Fund, European Central Bank and the World Bank along with the basics of public finance and social programs such as social security and varieties of taxes.*
- *Second, the recipient of a B.A. in Economics must have experience applying these "tools" to real-life circumstances, and be able to communicate the insights of economics to laypersons. These applications include:*
 - *Recognizing the economic basis for phenomena in everyday life*
 - *Understanding the dynamics of fluctuations in the U.S. Macroeconomy, both historically and as they happen*
 - *Understanding the dynamics of movements in prices and profits in particular industries or occupations, both historically and as they evolve in the present*
 - *Understanding the economic approach to the environment and being able to critically evaluate the following: alternative environmental standards, benefits and costs of environmental protection, and incentive-based environmental policies*
 - *Understanding the phenomena and data related to income and wealth inequality, poverty, both domestic and global.*
 - *Correctly predicting the economic consequences, both intended and unintended, of public policies in the microeconomic sphere, such as taxes, subsidies, price controls, labor regulations, and entitlement programs*
 - *Correctly predicting the economic consequences, both intended and unintended, of public policies in the macroeconomic sphere, such as fiscal policy, monetary policy, government debt, and trade policies*
 - *Correctly predicting the economic consequences of national and global trends, as well as the choices of individuals and firms*
 - *Being able to evaluate the economic impact of tariffs and non-tariff barriers and identify the validity and efficiency of protectionist policies*
 - *Constructing convincing arguments, in formal and informal settings, that explain the economic point of view on all these issues to non-specialists.*

Bachelor of Arts in Economics

Required Courses:

- EC 101 - Principles of Macroeconomics **Credits: 4**
- EC 103 - Principles of Microeconomics **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4**
- EC 311 - Macroeconomic Theory **Credits: 4**
- EC 312 - Microeconomic Theory **Credits: 4**
- EC 410 - Senior Seminar Part I **Credits: 4**
- EC 411 - Senior Seminar Part II **Credits: 4**

Choose one of the following:

- MA 130 - Elements of Calculus **Credits: 4**

- MA 150 - Calculus I **Credits: 4**

And choose:

Four additional economics electives no more than one of which can be at the 200 level.

- EC 215 - World Economies **Credits: 4**
- EC 301 - Economic Thought and Policy **Credits: 4**
- EC 303 - Public Economics **Credits: 4**
- EC 317 - International Economics **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- EC 331 - Economics of Labor Markets and Income Distribution **Credits: 4**
- EC 332 - Family & Gender in the Economy **Credits: 4**
- EC 335 - Money and Banking **Credits: 4**
- EC 351 - Environmental Economics **Credits: 4**
- EC 391 - Introduction to Econometrics **Credits: 4**
- GG 207 - Economic Geography **Credits: 4**
- JS 325 - Economics of Health Care **Credits: 4**

Minors

Economics Minor

Required:

- EC 101 - Principles of Macroeconomics **Credits: 4**
- EC 103 - Principles of Microeconomics **Credits: 4**

Choose one:

- EC 311 - Macroeconomic Theory **Credits: 4**
- EC 312 - Microeconomic Theory **Credits: 4**

Choose one:

- EC 215 - World Economies **Credits: 4**
- EC 301 - Economic Thought and Policy **Credits: 4**
- EC 303 - Public Economics **Credits: 4**
- EC 311 - Macroeconomic Theory **Credits: 4** (if not already taken)
- EC 312 - Microeconomic Theory **Credits: 4** (if not already taken)
- EC 317 - International Economics **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- EC 331 - Economics of Labor Markets and Income Distribution **Credits: 4**
- EC 332 - Family & Gender in the Economy **Credits: 4**
- EC 335 - Money and Banking **Credits: 4**
- EC 351 - Environmental Economics **Credits: 4**

- EC 391 - Introduction to Econometrics **Credits: 4**
- GG 207 - Economic Geography **Credits: 4**
- JS 325 - Economics of Health Care **Credits: 4**

And take one additional 300- or 400-level EC Elective.

Education

Faculty

Chair: Professor James Nagle

Associate Professor: Claudine Bedell, Benjamin White

Assistant Professors: Katy Farber, Rebecca Haslam, Soo Joung Kim, Katherine Lee, Stacey Simonyi

Instructors: Kristyn Achilich, Amy Knight, Ann O'Shaughnessey, Amy Saks Pavese, Becky Wigglesworth, Roy Meaghan

The Education Department welcomes students who are interested in making a difference in the lives of children and youth through the pursuit of teaching and related fields. Students choose either a teaching licensure track or one that allows them to pursue connections between other fields and education studies. This path can take the form of an education major or minor.

Students who want to be teachers can major in one of three programs: Art Education, Elementary Education (PreK-6), and Secondary Education. Students may opt to add an Early Childhood Endorsement to their Elementary licensure with two additional courses and a practicum. Students who successfully complete one of these programs are recommended for licensure to the Vermont Agency of Education. Vermont is part of a 50-state agreement for teacher licensure. In order to be eligible for a teaching license, a student must also complete a major in one of the liberal arts or sciences at Saint Michael's College. Teacher education courses are taken simultaneously with courses in the liberal arts and sciences. Typically, a student completes the major and teacher licensure requirements in four years. Students who wish to be licensed at the middle level or secondary level may do so in one of the following academic areas: English, Social Studies, French, Spanish, Mathematics, Physics, Biology, Chemistry, and Science.

An Education Studies major and an Education minor are available to those students who wish to gain knowledge and skills in educational settings but choose to apply their skills and knowledge in non-classroom settings such as museums, nature centers, afterschool programs, and counseling.

All programs are characterized by high expectations regarding academic performance, care for children and adolescents, and collaboration with our educational partners. All students pursuing licensure are required to have a grade point average (GPA) of 3.0 in their liberal studies major, required education courses, and overall in order to apply for student teaching and be recommended for licensure. Other requirements include satisfactorily completing the Vermont Licensure Portfolio. These requirements are delineated in *Guide to Teacher Education Licensure Programs*.

Bachelor of Arts in Art Education

In addition to the required courses below, Art Education majors also complete an Art & Design Major and all liberal studies requirements.

Art Education PK-8 Licensure Track

Required Courses:

- ED 231 - Education in the 21st Century: Inquiry and Innovation **Credits: 4**

- ED 251 - Child Development and Education **Credits: 4**
- ED 300 - Teaching Social Studies and the Arts, PK-6 **Credits: 4**
- ED 340 - Teaching in Inclusive PK-6 Classrooms **Credits: 4**
- ED 428 - Student Teaching Seminar **Credits: 4**
- ED 475 - Student Teaching Internship **Credits: 12**
- GED 649 - Arts: The Creative Process Full course
OR
- GED 678 - Heroes, Art, and Social Justice: Aesthetic Perspectives Full course
- GED 651- Hands On: Learning in and through the Arts Full course
OR
- GED 674 Multicultural Art Full course

Art Education 5-12 Licensure Track

Required Courses:

- ED 231 - Education in the 21st Century: Inquiry and Innovation **Credits: 4**
- ED 271 - Adolescent Development in a Culturally Responsive Classroom **Credits: 4**
- ED 300 - Teaching Social Studies and the Arts, PK-6 **Credits: 4**
- ED 370 - Teaching in an Inclusive Middle and High School **Credits: 4**
- ED 428 - Student Teaching Seminar **Credits: 4**
- ED 475 - Student Teaching Internship **Credits: 12**
- GED 649 - Arts: The Creative Process Full course
OR
- GED 678 - Heroes, Art, and Social Justice: Aesthetic Perspectives Full course
- GED 651- Hands On: Learning in and through the Arts Full course
OR
- GED 674 Multicultural Art Full course

Art Education PK-12 Licensure Track

Required Courses:

- Fulfill requirements from either Art Education PK-8 or Art Education 5-12

In addition, students will need to take both:

- ED 251 - Child Development and Education **Credits: 4**
- ED 271 - Adolescent Development in a Culturally Responsive Classroom **Credits: 4**

Bachelor of Arts in Education Studies

The Education Studies Major provides students with knowledge and skills to help apply the liberal studies experience to real-world situations including museums, science and nature centers, libraries, community programs, local Boys and Girls Clubs, independent schools, and global communities.

In addition to the required courses below, Education Studies majors also complete one of the following approved liberal arts or sciences majors or minors:

Majors:

Accounting, Anthropology/Sociology, Biology, Business Administration, Criminology, Digital Media & Communications, Economics, English, Environmental Sciences, Environmental Studies, Equity Studies, Fine Arts (Art, Music, Theatre), Health Sciences, History, Math, Political Science, Psychology, Public Health, Religious Studies, Statistics.

Minors:

Accounting, Anthropology, Applied Linguistics, Art History, Art Studio, Biology, Business Administration, Criminology, Digital Media & Communications, Economics, English, Environmental Studies, Finance, Global Studies, History, Math, Music, Political Science, Psychology, Public History, Religious Studies, Sociology, Statistics, Theatre.

In careful consultation with an Education department advisor a student will take four foundation courses in Education (listed below) and three additional courses from Education or from other departments that enrich his or her specific focus.

Students will culminate the Education Studies major with a field-placed internship (2 course equivalent) and accompanying seminar course in which students will complete a professional portfolio.

Required Courses:

- ED 231 - Education in the 21st Century: Inquiry and Innovation **Credits: 4**

A development course:

- ED 251 - Child Development and Education **Credits: 4**
OR
- ED 271 - Adolescent Development in a Culturally Responsive Classroom **Credits: 4**

A curriculum course:

- ED 300 - Teaching Social Studies and the Arts, PK-6 **Credits: 4**
OR
- ED 361 - Curriculum in Middle and High School **Credits: 4**
OR
- ED 343 - Literacy in Middle and High Schools **Credits: 4**

And an inclusion course:

- ED 350 - Trauma-Informed Educational Practice **Credits: 4**
OR
- ED 340 - Teaching in Inclusive PK-6 Classrooms **Credits: 4**
OR
- ED 370 - Teaching in an Inclusive Middle and High School **Credits: 4**

And

- 3 electives related to the chosen Education Studies concentration
- 8 credits of ED 499 - (INT) Education Internship
- ED 426 - Education Studies Seminar Part I **Credits: 2**
- ED 427 - Education Studies Seminar Part II **Credits: 2**

Bachelor of Arts in Elementary Education

In addition to the required courses below, Elementary Education majors also complete one of the following approved liberal arts or sciences majors:

Art & Design, Biochemistry, Biology, Chemistry, Digital Media & Communications, Economics, English, Environmental Sciences, Environmental Studies, Equity Studies, French, Gender & Sexuality Studies, Health Science, History, International Relations, Mathematics, Music, Philosophy & Ethics, Physics, Political Science, Psychology, Public Health, Religious Studies, Sociology and Anthropology, Spanish, and Theatre.

Required Courses:

- ED 231 - Education in the 21st Century: Inquiry and Innovation **Credits: 4**
- ED 251 - Child Development and Education **Credits: 4**
- ED 300 - Teaching Social Studies and the Arts, PK-6 **Credits: 4**
- ED 325 - Teaching Elementary Mathematics, PK-6 **Credits: 4**
- ED 335 - Literacy in the PK-6 Classroom **Credits: 4**
- ED 339 - Making Meaning: Content-Area Literacy, PK-6 **Credits: 4**
- ED 340 - Teaching in Inclusive PK-6 Classrooms **Credits: 4**
- ED 327 - Teaching Elementary School Science and Engineering, PK-6 **Credits: 4**
- ED 428 - Student Teaching Seminar **Credits: 4**
- ED 475 - Student Teaching Internship **Credits: 12**

To add an Early Childhood Endorsement, take:

- ED 357 - Early Childhood Education **Credits: 4**
- GED 524 - Early Childhood Education Methods and Practice **Credits: 3**

Bachelor of Arts in Secondary Education

In addition to the required courses below, Secondary Education majors also complete a Liberal Arts major (Art and Design, Economics, English, Equity Studies, French, Gender and Sexuality Studies, History, International Relations, Political Science, Psychology, Sociology and Anthropology, Spanish, Religious Studies), a Science major (Biology, Biochemistry, Chemistry, Environmental Science, Health Science, Physics, Public Health), or Mathematics major.

Required Courses:

- ED 231 - Education in the 21st Century: Inquiry and Innovation **Credits: 4**
- ED 271 - Adolescent Development in a Culturally Responsive Classroom **Credits: 4**
- ED 343 - Literacy in Middle and High Schools **Credits: 4**
- ED 361 - Curriculum in Middle and High School **Credits: 4**
- ED 370 - Teaching in an Inclusive Middle and High School **Credits: 4**
- ED 423 - Practicum **Credits: 2**
- ED 428 - Student Teaching Seminar **Credits: 4**
- ED 475 - Student Teaching Internship **Credits: 12**

Choose one:

- ED 450 - Middle Grades Philosophy and School Organization **Credits: 4**
OR
- An elective approved by your advisor

Choose one:

- ED 365 - Approaches to Teaching the Humanities **Credits: 2**
- ED 367 - Approaches to Teaching Math, Science & Technology **Credits: 2**

Electives:

Licensure

Middle Level Education Additional Endorsement

To earn a Middle Level Education, Additional Endorsement, students are required to take the courses listed below and, complete a Liberal Arts major (History, English, French, Spanish, Political Science, American Studies), a Science major (Chemistry, Biology, Physics, Biochemistry, Environmental Science), or Mathematics major. They may also minor in one of the following areas: History, English, French, Spanish, Political Science, American Studies, Chemistry, Biology, Physics, Biochemistry, Environmental Science, or Mathematics.

Required Courses:

- ED 231 - Education in the 21st Century: Inquiry and Innovation **Credits: 4**
- ED 271 - Adolescent Development in a Culturally Responsive Classroom **Credits: 4**
- ED 343 - Literacy in Middle and High Schools **Credits: 4**
- ED 361 - Curriculum in Middle and High School **Credits: 4**
- ED 370 - Teaching in an Inclusive Middle and High School **Credits: 4**
- ED 428 - Student Teaching Seminar **Credits: 4**
- ED 450 - Middle Grades Philosophy and School Organization **Credits: 4**
- ED 475 - Student Teaching Internship **Credits: 12**
- ED 423 - Practicum **Credits: 2**

Choose One:

- ED 365 - Approaches to Teaching the Humanities **Credits: 2**
- ED 367 - Approaches to Teaching Math, Science & Technology **Credits: 2**

Secondary Education Licensure

To earn a Secondary Education license, students are required to take the courses listed below, and to major in one of the following areas: History, Art, English, French, Spanish, Political Science, American Studies, Chemistry, Biology, Physics, Biochemistry, Environmental Science, or Mathematics.

Required Courses:

- ED 231 - Education in the 21st Century: Inquiry and Innovation **Credits: 4**
- ED 271 - Adolescent Development in a Culturally Responsive Classroom **Credits: 4**
- ED 343 - Literacy in Middle and High Schools **Credits: 4**
- ED 361 - Curriculum in Middle and High School **Credits: 4**
- ED 370 - Teaching in an Inclusive Middle and High School **Credits: 4**
- ED 428 - Student Teaching Seminar **Credits: 4**
- ED 475 - Student Teaching Internship **Credits: 12**

Choose one:

- ED 365 - Approaches to Teaching the Humanities **Credits: 2**
- ED 367 - Approaches to Teaching Math, Science & Technology **Credits: 2**
Must take ED 423 with either of these two courses.
- ED 423 - Practicum **Credits: 2**

Minors

Education Minor

Required:

- ED 231 - Education in the 21st Century: Inquiry and Innovation **Credits: 4**

Choose one:

- ED 251 - Child Development and Education **Credits: 4**
- ED 271 - Adolescent Development in a Culturally Responsive Classroom **Credits: 4**

Choose three:

- ED 220 - The Sports Coach as Educator **Credits: 4**
- ED 239 - Antiracism & Collective Liberation **Credits: 4**
- ED 241 - Literature for Children and Adolescents **Credits: 4**
- ED 251 - Child Development and Education **Credits: 4**
- ED 271 - Adolescent Development in a Culturally Responsive Classroom **Credits: 4**
- ED 300 - Teaching Social Studies and the Arts, PK-6 **Credits: 4**
- ED 325 - Teaching Elementary Mathematics, PK-6 **Credits: 4**
- ED 327 - Teaching Elementary School Science and Engineering, PK-6 **Credits: 4**
- ED 335 - Literacy in the PK-6 Classroom **Credits: 4**
- ED 339 - Making Meaning: Content-Area Literacy, PK-6 **Credits: 4**
- ED 340 - Teaching in Inclusive PK-6 Classrooms **Credits: 4**
- ED 343 - Literacy in Middle and High Schools **Credits: 4**
- ED 350 - Trauma-Informed Educational Practice **Credits: 4**

- ED 357 - Early Childhood Education **Credits: 4**
- ED 361 - Curriculum in Middle and High School **Credits: 4**
- ED 370 - Teaching in an Inclusive Middle and High School **Credits: 4**
- ED 380 - Topics in Education **Credits: 4**
- EN 396 - Teaching Writing **Credits: 4**
- ES 308 - Environmental Education **Credits: 4**
- Additional courses available: GED 517, GED 612, GED 613, GED 649, GED 651, GED 678, GED 695. See the Graduate Catalog for a description of these courses.

Teaching English to Speakers of Other Languages Minor

Required:

- AL 101 - Introduction to Language and Linguistics **Credits: 4**
- AL 103 - Structure of the English Language **Credits: 4**
- AL 250 - Intercultural Communication **Credits: 4**
- AL 310 - Methodology of Second/Foreign Language Teaching **Credits: 4**
- AL 343 - Teaching Oral Skills in a Second/Foreign Language **Credits: 4**

Engineering: Saint Michael's - University of Vermont 3 + 2 Dual Degree Program

Program Directors:

Associate Professor Greta Pangborn & Instructor Barbara O'Donovan

Affiliated Faculty:

Professor William Karstens (Physics)

Instructor Patricia Bunt (Physics)

Saint Michael's College has an inter-institutional agreement with the University of Vermont (UVM) for a Dual Degree Program in Engineering. Students will complete three years of residency at Saint Michael's College fulfilling the SMC CORE Curriculum requirements as well as foundational science, mathematics and engineering courses taken at both SMC and UVM.

The Program guarantees students who meet specified criteria (in terms of coursework and GPA) admission to UVM's College of Engineering and Mathematical Sciences (CEMS) for their final two years of study. Students may select any of the options in the Civil Engineering, Electrical Engineering, Environmental Engineering, Engineering Management, Mechanical Engineering and (multidisciplinary) Engineering programs at UVM. Upon successful completion of program and degree requirements, students will receive a Bachelor of Arts degree in Engineering with a minor in Mathematics from Saint Michael's College, and a Bachelor of Science degree in the appropriate engineering area from the University of Vermont.

Learning Outcomes:

An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

An ability to communicate effectively with a range of audiences.

An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Dual Degree - Engineering (UVM Dual Degree Program)

Required SMC Courses:

- CH 110 - General Chemistry I **Credits: 4**
- CS 109 - Computer Science for Engineering **Credits: 4**
- EG 100 - Introduction to Engineering **Credits: 2**
- EG 220 - Statics **Credits: 4**
- MA 150 - Calculus I **Credits: 4**
- MA 160 - Calculus II **Credits: 4**
- MA 211 - Calculus III **Credits: 4**
- MA 213 - Linear Algebra **Credits: 4**
- MA 303 - Differential Equations **Credits: 4**
- PY 210 - College Physics I **Credits: 4**

And take one of the following:

- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**

Additional information:

Additional courses are required depending upon the specific engineering specialization chosen. Students in the Program may begin taking courses at UVM as early as spring semester of their first year (and generally no later than fall of the second year) and will take, on average, 1-2 courses each semester at UVM.

It is very important that Engineering students consult regularly with their pre-engineering advisor to ensure that their course selection is appropriate and to obtain approval to register for UVM courses. Some UVM student fees for courses taken at UVM may apply.

There are specific grade requirements for continuation in the Program. To ensure successful transfer to UVM, students should maintain a GPA of 2.3 or better in courses required for the Program, with no grades below C in required courses.

Upon transfer to UVM, tuition and fees are paid to UVM, and students must apply to UVM for financial aid. SMC financial aid is not transferable.

English

Faculty

Chair: Professor Nathaniel Lewis

Professors: Greg Delanty, Maura D'Amore

Associate Professor: Kerry Shea

Assistant Professor: Timothy Lem-Smith

Instructor: Timothy Mackin

In the English department at Saint Michael's College, we study literature both as art (the aesthetic representation of human nature and culture) and as artifact (a record of human nature and culture). Religion, philosophy, history, science, and social science: all have been explored through literature, taught through literature, and shaped through literature. For this reason, the ability to read and interpret literature, hand in hand with the ability to write well, benefits all students, whatever their career goals.

Our department offers courses in British, American, and world literatures, as well as writing and film. The ten courses of the major follow a natural pattern, from an introductory seminar (EN 110) through several survey courses and into Critical Theory (EN 325) and a choice of upper-level courses, culminating with a senior seminar (EN 410). All courses foster critical thinking through writing and discussion. Majors must maintain a high level of written expression and will be expected to learn and use the skills of literary scholarship.

The department also offers two minors: one in literature and the other in creative writing, each requiring five courses. The minor in creative writing allows students to study literature "from the inside out," as writers of it, but fosters the same critical thinking, writing, and discussion skills as the major and the literature minor.

Students majoring in English may also minor in creative writing; one English Department workshop course may count for both the major and the creative writing minor.

Our English graduates have used their background for jobs and careers in many fields, especially those where critical thinking and written communication are paramount. They have also gone on to teach at all levels, and have pursued graduate studies in many areas, including law, environmental science, and music - as well as English. Anyone seeking a solid liberal arts background on which to build a future will find exactly that in the English major.

English Learning Outcomes:

Students will demonstrate college-level critical thinking skills.

Students will demonstrate college-level writing skills.

Students will demonstrate college-level reading skills.

Students will have specific skills associated with literary and cultural interpretations.

Students will have a working knowledge of the traditions of the Anglo-American canons.

Students will demonstrate sophisticated strategies for understanding and interpreting these literary works.

Students will demonstrate the capacity to think into complex cultural and textual issues and to communicate their ideas about these issues.

Bachelor of Arts in English

Required Courses:

- EN 110 - Writing, Literature, Life **Credits: 4**
- EN 325 - Critical Theory **Credits: 4**
- EN 410 - Senior Seminar **Credits: 4**

Take two Literary Timeline Courses (EN-200 to EN-249)

- EN 200 - British Literature to 1789 **Credits: 4**
- EN 210 - Early American Literature **Credits: 4**
- EN 220 - British Literature after 1789 **Credits: 4**
- EN 225 - On Looking **Credits: 4**
- EN 228 - American Childhood **Credits: 4**
- EN 230 - American Literature After 1865 **Credits: 4**
- EN 231 - Modern American Poetry **Credits: 4**
- EN 235 - African American Literature **Credits: 4**
- EN 236 - Asian American Literatures **Credits: 4**
- EN 243 - Queer Lives, Queer Forms **Credits: 4**
- EN 247 - American Literature and Buddhism, 1950-present **Credits: 4**

Take two Ways of Reading Courses (EN-260 to EN-290)

Majors must take two different course numbers to fulfill this requirement.

- EN 260 - Authors **Credits: 4**
- EN 261 - Authors (CIT) **Credits: 4**
- EN 270 - Readers **Credits: 4**
- EN 280 - Texts **Credits: 4**
- EN 290 - Cultures **Credits: 4**

In addition:

- Choose four additional English department full-courses at the 300- and 400-level (two-half EN courses at the 300- and 400- level may count as one full-course). EN 396: Teaching Writing does not count toward the EN major. No more than one upper-level elective can be a Creative Writing Workshop, and no more than one can be transferred from another institution or study abroad program. Each workshop course - fiction, poetry, or creative nonfiction - can be taken up to three times.

Minors

Creative Writing Minor

Required:

- EN 301 - Poetry Writing Workshop **Credits: 4**
- EN 303 - Fiction Writing Workshop **Credits: 4**

And choose three:

- EN 301 - Poetry Writing Workshop **Credits: 4** (Repeatable)
- EN 303 - Fiction Writing Workshop **Credits: 4** (Repeatable)
- EN 305 - Creative Nonfiction Writing Workshop **Credits: 4**
- EN 309 - Writing Matters **Credits: 4**
- DMC 303 - Nature and Outdoor Writing **Credits: 4**
- DMC 363 - Study Abroad Re-Entry: Travel Writing **Credits: 4**
- Take one off-campus internship in a related field, with approval by English Department chair.

English Minor

Required:

- EN 110 - Writing, Literature, Life **Credits: 4**

Choose one:

- EN 200 - British Literature to 1789 **Credits: 4**
- EN 210 - Early American Literature **Credits: 4**
- EN 220 - British Literature after 1789 **Credits: 4**
- EN 225 - On Looking **Credits: 4**
- EN 228 - American Childhood **Credits: 4**
- EN 230 - American Literature After 1865 **Credits: 4**
- EN 231 - Modern American Poetry **Credits: 4**
- EN 235 - African American Literature **Credits: 4**
- EN 236 - Asian American Literatures **Credits: 4**
- EN 243 - Queer Lives, Queer Forms **Credits: 4**
- EN 247 - American Literature and Buddhism, 1950-present **Credits: 4**

Choose one:

- EN 260 - Authors **Credits: 4**
- EN 261 - Authors (CIT) **Credits: 4**
- EN 270 - Readers **Credits: 4**
- EN 280 - Texts **Credits: 4**
- EN 290 - Cultures **Credits: 4**

And take two additional EN courses as follows:

- One course at the 200-level or above*
- One course at the 300-level or above*

**EN 396: Teaching Writing does not count toward the EN minor.*

**Only one can be a Creative Writing Workshop*

Environmental Studies and Science

Chair: Professor Nathaniel Lewis
Associate Professor: Laura Stroup
Assistant Professor: Clayton Williams
Instructor: Trevien Stanger

Our approach to Environmental Studies and Science is grounded in a core ethos that to understand the environment students must be able to think and act across disciplinary boundaries. Students are engaged in cross disciplinary inquiry in the classroom, in the laboratory, and in the field by faculty from across the College. We offer two major degrees, a BA in Environmental Studies and a BS in Environmental Science. In addition we offer a Minor concentration in Environmental Studies. All three programs of study include integrated work in the humanities, the social sciences, pre-professional fields, and the natural sciences. The two degrees share foundational coursework before students specialize in courses appropriate to the Environmental Studies or Environmental Science pathway. Our Environmental graduates are ready to enter the workforce directly in fields like environmental research and management, advocacy, and education in private businesses, non-profit organizations, and government; they are also qualified for graduate programs in areas such as Environmental Science, Environmental Law, Environmental Policy, Management, Conservation, or the Environmental Humanities. We have a well-tested articulation agreement offering Saint Michael's graduates preferential admission to the Vermont Law School with its nationally-ranked programs in environmental law and policy.

Students benefit from extensive interaction with dedicated faculty, both in and out of the classroom, and they receive hands-on experience with modern scientific instrumentation in the laboratory and in the field. Students can expect to make extensive use of our Vermont setting during the field-based portions of their coursework, including the Saint Michael's College Natural Area. Many experiential learning opportunities are available such as on and off campus internships, Study Abroad, community-engaged learning, and faculty-student research. Many students become involved in campus sustainability and food production through our Sustainability Office and the College Farm which feature research and service opportunities in energy conservation and recycling as well as an innovative permaculture approach to food production. Students may also get involved in the environmental student groups and activities on our campus including Saint Michael's Green Up with its Earth Week events.

The Environmental Studies Major and Minor

Although environmental problems frequently are defined within the natural sciences, their underlying causes and ultimate solutions lie equally within the scope of the humanities and social sciences. Human-environment relations, then, must be recognized as the product of a complex mix of national and international social, cultural, scientific, economic and political forces. The Environmental Studies major incorporates observation, appreciation, spirituality, and critical examinations of nature and the relationship humans develop with the natural environment. Students build upon this holistic framework to shape their own investigations into pressing domestic and global environmental problems gaining insights into their own relationship with nature and their role in the creation of a more sustainable world.

The Environmental Science Major

The Environmental Science major gives students the opportunity to improve their scientific understanding of the human impact on our natural world and to engage in environmental problem-solving. Building on a shared foundation of interdisciplinary environmental coursework, the Environmental Science curriculum is strongly rooted in biology and chemistry with an array of laboratory and field experiences. Field and lab-based elective coursework in the natural and physical sciences is complemented by the insights of the social sciences and humanities in an interdisciplinary synthesis.

Bachelor of Arts in Environmental Studies

11 Full Courses Required

Required Courses:

- ES 105 - Nature and Culture **Credits: 4**
- ES 106 - Environment and Society **Credits: 4**
- ES 107 - Environmental Science **Credits: 4**
- ES 201 - Environmental Research Methods **Credits: 4**
- ES 410 - Senior Seminar in Environmental Studies **Credits: 4**

Environmental Studies Practicum

Choose one full (4 credit) course or two half (2 credit) courses for a total of 4 credit from the following:

- ES 220 - Maps and Apps: Space and Place in Electronic Environments **Credits: 4**
 - ES 260 - Geographic Information Systems **Credits: 4**
 - ES 337 - Farm and Food Intensive Spring **Credits: 2**
 - ES 339 - Farm and Food Intensive Fall **Credits: 2**
 - ES 499 - (INT) Internship **Credits: Variable**
 - GG 220 - Maps and Apps: Space and Place in Electronic Environments **Credits: 4**
- Note: Selected study abroad course(s) may be approved to count toward this requirement during the study abroad approval process.

Environmental Theory & Practice

Recommended for the junior or senior year. Choose one from the following:

- ES 306 - Environmental Justice **Credits: 4**
- ES 307 - The Environmental Humanities **Credits: 4**
- ES 327 - Environmental Policy **Credits: 4**
- PO 327 - Environmental Policy **Credits: 4**

Environmental Studies Themes

Complete one of the following themes:

Option 1: Policy & Planning Theme

REQUIRED:

- ES 327 - Environmental Policy **Credits: 4**

THREE OF:

- ES 211 - Water Resources **Credits: 4**
- ES 301 - Advanced Topics in Environmental Studies **Credits: 4** (*with approved topical focus only - consult advisor*)
- ES 306 - Environmental Justice **Credits: 4**
- ES 310 - Environmental Hazards **Credits: 4**
- ES 311 - Community and Environmental Planning **Credits: 4**
- ES 325 - The Politics of Food **Credits: 4**
- EC 351 - Environmental Economics **Credits: 4**

- GG 207 - Economic Geography **Credits: 4**

Option 2: Environmental Systems Theme

ONE OF:

- ES 306 - Environmental Justice **Credits: 4**
- ES 327 - Environmental Policy **Credits: 4**

THREE OF:

- ES 211 - Water Resources **Credits: 4**
- ES 213 - Earth Systems and Processes **Credits: 4**
- ES 225 - Food Systems & Sustainable Agriculture **Credits: 4**
- ES 260 - Geographic Information Systems **Credits: 4**
- ES 301 - Advanced Topics in Environmental Studies **Credits: 4** (*with approved topical focus only - consult advisor*)
- ES 310 - Environmental Hazards **Credits: 4**
- ES 312 - Energy and Climate Change **Credits: 4**

Option 3: Environmental Imagination Theme

REQUIRED:

- ES 327 - Environmental Policy **Credits: 4**

THREE OF:

- EN 382 - Nature, Perception and Imagination **Credits: 4**
- EN 388 - Film and the Environment **Credits: 4**
- DMC 215 - Photography and Tourism **Credits: 4**
- DMC 233 - Adventure & Environmental Filmmaking **Credits: 4**
- DMC 303 - Nature and Outdoor Writing **Credits: 4**
- ES 301 - Advanced Topics in Environmental Studies **Credits: 4** (*with approved topical focus only - consult advisor*)
- ES 332 - Art & Ecology **Credits: 4**
- ES 351 - American Wilderness **Credits: 4**
- ES 353 - Buddhism and the Environment **Credits: 4**
- ES 355 - Animal Studies **Credits: 4**
- ES 360 - Living in Place **Credits: 4**
- PH 209 - Philosophy of Science, Technology, and Environment **Credits: 4**
- RS 239 - Religion, Ecology and Ethics **Credits: 4**

Option 4: Justice & Sustainability Theme

REQUIRED:

- ES 306 - Environmental Justice **Credits: 4**

THREE OF:

- ES 211 - Water Resources **Credits: 4**
- ES 225 - Food Systems & Sustainable Agriculture **Credits: 4**
- ES 301 - Advanced Topics in Environmental Studies **Credits: 4** (*with approved topical focus only - consult advisor*)
- ES 310 - Environmental Hazards **Credits: 4**
- ES 325 - The Politics of Food **Credits: 4**

- ES 327 - Environmental Policy **Credits: 4**
- ES 340 - Sustainable Entrepreneurship **Credits: 4**
- ES 360 - Living in Place **Credits: 4**

Elective

Take one ES course at the 200 level or higher that has not already been used to satisfy another major or theme requirement or take an elective course from the list below that has not been used to satisfy another major or theme requirement.

- BI 240 - Aquatic Biology **Credits: 4**
- BI 342 - Community Ecology **Credits: 4**
- DMC 215 - Photography and Tourism **Credits: 4**
- DMC 233 - Adventure & Environmental Filmmaking **Credits: 4**
- DMC 303 - Nature and Outdoor Writing **Credits: 4**
- EC 351 - Environmental Economics **Credits: 4**
- EN 382 - Nature, Perception and Imagination **Credits: 4**
- EN 388 - Film and the Environment **Credits: 4**
- GG 207 - Economic Geography **Credits: 4**
- JS 321 - Maple: Food, Energy, Culture **Credits: 4**
- PH 209 - Philosophy of Science, Technology, and Environment **Credits: 4**
- RS 239 - Religion, Ecology and Ethics **Credits: 4**

Bachelor of Science in Environmental Science

Required Courses:

- BI 151 - Introduction to Ecology and Evolution **Credits: 4**
- CH 110 - General Chemistry I **Credits: 4**
- CH 117 - Organic Chemistry I **Credits: 4**
- ES 106 - Environment and Society **Credits: 4**
- ES 107 - Environmental Science **Credits: 4**
- ES 201 - Environmental Research Methods **Credits: 4**
- ES 411 - Senior Seminar in Environmental Science **Credits: 4**

Choose two courses in Mathematical and Spatial Analysis:

- ST 120 - Elementary Statistics **Credits: 4** OR ST 140 Biological Data & Statistics **Credits: 4** OR ST 220 Statistics for Engineers & Scientists **Credits: 4**
- ES 260 - Geographic Information Systems **Credits: 4**
- MA 130 - Elements of Calculus **Credits: 4** OR MA 150 Calculus I **Credits: 4** OR MA 160 Calculus II **Credits: 4** OR MA 211 Calculus III **Credits: 4**
- An additional MA course at the 200-level or higher.

Choose four additional courses as science electives:

- BI 230 - General Microbiology **Credits: 4**
 - BI 240 - Aquatic Biology **Credits: 4**
 - BI 247 - Plant Science and Agriculture **Credits: 4**
 - BI 260 - Behavioral Ecology **Credits: 4**
 - BI 342 - Community Ecology **Credits: 4**
 - BI 355 - Evolution **Credits: 4**
 - BI 365 - Immunology and Parasitology **Credits: 4**
 - CH 207 - Organic Chemistry II **Credits: 4**
 - CH 208 - General Chemistry II **Credits: 4**
 - CH 301 - Integrated Chemical Analysis **Credits: 4** (formerly CH-215)
 - CH 302 - Chemical Thermodynamics and Kinetics **Credits: 4**
 - CH 304 - Quantum Chemistry and Spectroscopy **Credits: 4**
 - CH 305 - Inorganic Chemistry **Credits: 4**
 - CH 308 - Environmental Chemistry **Credits: 4**
 - ES 213 - Earth Systems and Processes **Credits: 4**
 - ES 260 - Geographic Information Systems **Credits: 4** (may not be taken if taken as Mathematics/Spatial Analysis course)
 - ES 301 - Advanced Topics in Environmental Studies **Credits: 4** (when pre-approved as Environmental Science elective)
 - ES 312 - Energy and Climate Change **Credits: 4**
 - ES 314 - Biogeochemistry of Global Change **Credits: 4**
 - ES 499 - (INT) Internship **Credits: Variable** (when pre-approved as Environmental Science elective)
 - PY 210 - College Physics I **Credits: 4** OR PY 211 College Physics II **Credits: 4**
 - PY 220 - General Physics I **Credits: 4** OR PY 221 General Physics II **Credits: 4**
- NOTE: Under normal circumstances, three of the four science electives will include a full lab component. Science electives must be from at least two different departments.

Choose two additional courses as non-science electives:

- DMC 233 - Adventure & Environmental Filmmaking **Credits: 4**
- DMC 303 - Nature and Outdoor Writing **Credits: 4**
- EC 351 - Environmental Economics **Credits: 4**
- EN 382 - Nature, Perception and Imagination **Credits: 4**
- EN 388 - Film and the Environment **Credits: 4**
- ES 211 - Water Resources **Credits: 4**
- ES 220 - Maps and Apps: Space and Place in Electronic Environments **Credits: 4**
- ES 225 - Food Systems & Sustainable Agriculture **Credits: 4**
- ES 243 - Environmental Study of Sustainable Places **Credits: 2**
- ES 244 - Environmental Study of Sustainable Places - Wales Field Trip **Credits: 2**
- ES 301 - Advanced Topics in Environmental Studies **Credits: 4** (when pre-approved as a non-science elective)
- ES 305 - US Environmental History **Credits: 4**
- ES 306 - Environmental Justice **Credits: 4**
- ES 307 - The Environmental Humanities **Credits: 4**
- ES 310 - Environmental Hazards **Credits: 4**
- ES 311 - Community and Environmental Planning **Credits: 4**
- ES 312 - Energy and Climate Change **Credits: 4**
- ES 325 - The Politics of Food **Credits: 4**

- ES 327 - Environmental Policy **Credits: 4**
- ES 332 - Art & Ecology **Credits: 4**
- ES 337 - Farm and Food Intensive Spring **Credits: 2** AND ES 339 Farm and Food Intensive Fall **Credits: 2**
- ES 340 - Sustainable Entrepreneurship **Credits: 4**
- ES 351 - American Wilderness **Credits: 4**
- ES 353 - Buddhism and the Environment **Credits: 4**
- ES 355 - Animal Studies **Credits: 4**
- ES 357 - Environmental Restoration **Credits: 4**
- ES 360 - Living in Place **Credits: 4**
- ES 499 - (INT) Internship **Credits: Variable** (when pre-approved as a non-science elective)
- GG 207 - Economic Geography **Credits: 4**
- GG 211 - Water Resources **Credits: 4**
- GG 220 - Maps and Apps: Space and Place in Electronic Environments **Credits: 4**
- JS 321 - Maple: Food, Energy, Culture **Credits: 4**
- PH 209 - Philosophy of Science, Technology, and Environment **Credits: 4**
- PO 358 - Global Environmental Politics **Credits: 4**
- RS 239 - Religion, Ecology and Ethics **Credits: 4**

NOTE: Students will be advised of the availability of additional elective courses when offered

Minors

Environmental Studies Minor

Required:

Choose two:

- ES 105 - Nature and Culture **Credits: 4**
- ES 106 - Environment and Society **Credits: 4**
- ES 107 - Environmental Science **Credits: 4**

Choose two ES courses at the 200-level or higher.

And choose one:

- Any one additional ES course (4 Credits)
- AR 332 - Art & Ecology **Credits: 4**
- CH 301 - Integrated Chemical Analysis **Credits: 4**
- CH 308 - Environmental Chemistry **Credits: 4**
- DMC 233 - Adventure & Environmental Filmmaking **Credits: 4**
- DMC 303 - Nature and Outdoor Writing **Credits: 4**
- EC 351 - Environmental Economics **Credits: 4**
- EN 382 - Nature, Perception and Imagination **Credits: 4**
- EN 384 - In Wildness **Credits: 4**

- EN 388 - Film and the Environment **Credits: 4**
- GG 201 - Urban Geography **Credits: 4**
- GG 207 - Economic Geography **Credits: 4**
- GG 311 - Community and Environmental Planning **Credits: 4**
- JS 321 - Maple: Food, Energy, Culture **Credits: 4**
- PH 209 - Philosophy of Science, Technology, and Environment **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**
- PO 327 - Environmental Policy **Credits: 4**
- PO 358 - Global Environmental Politics **Credits: 4**
- RS 239 - Religion, Ecology and Ethics **Credits: 4**

Equity Studies

The Equity Studies major is grounded in a vision of collective liberation. We are all connected through what Dr. Martin Luther King, Jr. described as an "inescapable network of mutuality," and dismantling the mechanisms of inequality and oppression requires both internal critical self-examination and recognition of and opposition to external systems and structures that perpetuate injustice.

The local, national, and global challenges of inequality that our communities and the broader world perpetuate are complex and multifaceted, and they are compounded by intersectionality (that is, by having multiple identities which are not part of the dominant culture). The Equity Studies major is, therefore, designed to be interdisciplinary and intersectional.

Bachelor of Arts in Equity Studies

Students must meet all requirements as outlined in the categories below. Several courses are listed as available options in multiple categories. Each course may count only once, and students must meet each requirement with a unique course or courses. 11 full courses are required. Half courses are listed as options in some cases, but must be combined with other half courses in order to count as a course for the purposes of meeting major requirements.

Required Courses:

Seeing & Transforming the Systems & Structures: Race & Ethnicity

Choose one:

- AM 227 - Foundations of US Latinx Literature and Culture **Credits: 4**
- CR 201 - Theories of Crime, Justice, and Race **Credits: 4**
- EN 235 - African American Literature **Credits: 4**
- HI 180 - African American History **Credits: 4**
- HI 351 - Advanced Topics History of Race and Ethnicity (EDI) **Credits: 4**
- HI 414 - African Slavery in the Atlantic World **Credits: 4**
- JS 310 - A Case for Reparations? **Credits: 4**
- PO 390 - Comparative Politics of Racism **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**

Seeing & Transforming the Systems & Structures: Disability

Choose one:

- ED 340 - Teaching in Inclusive PK-6 Classrooms **Credits: 4**
- ED 350 - Trauma-Informed Educational Practice **Credits: 4**
- ED 370 - Teaching in an Inclusive Middle and High School **Credits: 4**
- JS 322 - The Arts & Disability **Credits: 4**
- PH 235 - The Philosophy of Disability **Credits: 4**

Seeing & Transforming the Systems & Structures: Gender and/or Sexuality

Choose one:

- EN 243 - Queer Lives, Queer Forms **Credits: 4**
- EN 380 - Women's Literature **Credits: 4**
- GS 101 - Gender Studies: Foundations **Credits: 4**
- GS 203 - Gender Issues in Society **Credits: 4**
- GS 204 - Men & Masculinities **Credits: 4**
- GS 208 - Topics in Gender Studies **Credits: 4**
- GS 308 - Advanced Topics in Gender Studies **Credits: 4**
- HI 215 - Women in American Society **Credits: 4**
- JS 305 - The Politics of Queer Cinema **Credits: 4**
- PH 335 - Feminist Philosophy **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**
- PO 371 - Feminist Political Thought **Credits: 4**

Intersectional Systems

Choose one:

- ANT 217 - Social Inequalities **Credits: 4**
- DMC 323 - Race, Gender and Ethnicity in Media **Credits: 4**
- HI 363 - Race, Class, and Gender in the Atlantic World **Credits: 4**
- PO 299 - Identity in Politics **Credits: 4**
- PO 336 - Law and Social Change **Credits: 4**
- PO 340 - Social Movements and Contentious Politics **Credits: 4**
- PO 350 - State Violence and Justice **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- PO 365 - Multiculturalism in Theory and Practice **Credits: 4**
- SO 107 - Social Problems **Credits: 4**
- SO 215 - Social Determinants of Health **Credits: 4**
- SO 218 - Deviance, Norms, and Social Control **Credits: 4**

Seeing & Transforming the Self: Critical Reflexivity

Choose two:

- ED 239 - Antiracism & Collective Liberation **Credits: 4**
- JS 314 - Radical Love, Liberation, & Justice **Credits: 4**

- JS 322 - The Arts & Disability **Credits: 4**
- PH 235 - The Philosophy of Disability **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PH 358 - Power, Resistance, & Race **Credits: 4**

Competencies & Skills

Choose one:

- AL 250 - Intercultural Communication **Credits: 4**
- ANT 209 - Research Methods of Anthropology **Credits: 4**
- ES 220 - Maps and Apps: Space and Place in Electronic Environments **Credits: 4**
- GG 220 - Maps and Apps: Space and Place in Electronic Environments **Credits: 4**
- JS 304 - Data Visualization **Credits: 4**
- MU 359 - Topics in Ethnomusicology **Credits: 4**
- PJ 205 - Theories of Conflict Resolution **Credits: 4**
- PO 200 - Research Methods **Credits: 4**
- PS 213 - Psychological Statistics **Credits: 4**
- SO 209 - Research Methods of Sociology **Credits: 4**
- SO 318 - Restorative Justice **Credits: 4**
- ST 101 - Reasoning with Data and Chance **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4**
- ST 140 - Biological Data & Statistics **Credits: 4**

Race & Ethnicity Track or Disability Track

Choose either the Race & Ethnicity Track or the Disability Track; then choose two courses in your preferred track:

RACE & ETHNICITY TRACK

- AM 227 - Foundations of US Latinx Literature and Culture **Credits: 4**
- ANT 333 - Anthropology of Refugees **Credits: 4**
- CR 201 - Theories of Crime, Justice, and Race **Credits: 4**
- DMC 255 - South Africa: Apartheid – Resistance, Revolution and Representation **Credits: 4**
- DMC 355 - South Africa: Resistance, Revolution, & Representation Study Trip **Credits: 2**
- ED 239 - Antiracism & Collective Liberation **Credits: 4**
- EN 235 - African American Literature **Credits: 4**
- EN 236 - Asian American Literatures **Credits: 4**
- EQ 321 - Liberation, Leadership, & Revolution in South Africa **Credits: 2** (with EQ 320 - Liberation, Leadership, & Revolution **Credits: 2**)
- GL 255 - South Africa: Apartheid – Resistance, Revolution and Representation **Credits: 4**
- GL 341 - A Study in Solidarity: Guyana **Credits: 2**
- GL 355 - South Africa: Resistance, Revolution, & Representation Study Trip **Credits: 2**
- HI 171 - African Europeans, Antiquity to Present **Credits: 4**
- HI 180 - African American History **Credits: 4**
- HI 216 - Native Peoples of North America **Credits: 4**
- HI 351 - Advanced Topics History of Race and Ethnicity (EDI) **Credits: 4**
- HI 352 - The Edmundites and Black Civil Rights **Credits: 4**
- HI 414 - African Slavery in the Atlantic World **Credits: 4**

- JS 301 - Land, Sea, Sky **Credits: 4**
- JS 303 - A Nation Inside and Out **Credits: 4**
- JS 310 - A Case for Reparations? **Credits: 4**
- MU 242 - History of Jazz **Credits: 4**
- MU 243 - History of Gospel **Credits: 4**
- PH 358 - Power, Resistance, & Race **Credits: 4**
- PO 390 - Comparative Politics of Racism **Credits: 4**
- RS 232 - Black Catholicism **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**

DISABILITY TRACK

- PH 235 - The Philosophy of Disability **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- ED 340 - Teaching in Inclusive PK-6 Classrooms **Credits: 4**
- ED 350 - Trauma-Informed Educational Practice **Credits: 4**
- ED 370 - Teaching in an Inclusive Middle and High School **Credits: 4**
- JS 322 - The Arts & Disability **Credits: 4**

Equity Themed Electives

Option 1 - Choose an additional course (not already being used to meet another requirement) from any of the following categories/tracks detailed above: Seeing & Transforming the Systems & Structures (Race & Ethnicity, Disability, and Gender and/or Sexuality), Intersectional Systems, Seeing & Transforming the Self: Critical Reflexivity, Race & Ethnicity Track, or Disability Track.

Option 2 - Choose one of the following courses:

- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- ED 241 - Literature for Children and Adolescents **Credits: 4**
- JS 302 - The Art of Living, Aging, & Dying **Credits: 4**
- JS 351 - Special Topics (EDI) **Credits: 4**
- PJ 205 - Theories of Conflict Resolution **Credits: 4**
- SO 101 - Introduction to Sociology **Credits: 4**
- SO 318 - Restorative Justice **Credits: 4**
- SO 442 - Restorative Approaches to Intimate Partner Violence **Credits: 4**

Advanced Integrations: Capstone or Practicum/Internship

Choose one:

- EQ 410 - Advanced Integrations **Credits: 4**
- ID 498 - Internship Practicum **Credits: 4**

Fine Arts

Faculty

Chair, Associate Professor: William Ellis (Music)

Professors: John Devlin (Theatre), Peter Harrigan (Theatre), Nathaniel Lew (Music)

Associate Professors: Brian Collier (Art & Design), Will Mentor (Art & Design)

Assistant Professor: Rebecca Gurney (Art & Design)

Distinguished Visiting Professor: Terryl Kinder (Art History)

The Fine Arts Department houses the disciplines of art history, dance, music, theatre, and visual art, the last category including drawing, painting, sculpture, photography, digital design, and other media. With a faculty of academics who are professional, practicing artists in each of these areas, the department provides a broad-based understanding of the practice, the history, the literature, and the theory of each discipline.

Scholarship opportunities are available to incoming and returning Fine Arts students through the Fairbanks-Paulin and McCarthy Scholarship programs. The McCarthy Arts Fund, established by college benefactors Michael and Margaret McCarthy, provides further annual support for the Fine Arts Department. The Marc and Dana vanderHeyden Endowment in the Fine Arts honors the legacy of Dana and Marc vanderHeyden while enhancing the understanding and enjoyment of the fine arts at Saint Michael's College and in the surrounding community. Marc vanderHeyden served as College President from 1996 to 2007.

Art & Design Learning Outcomes:

Students completing the Art & Design Major will be able to:

- understand and employ the concepts, principles, and techniques of art and design,
- approach art and design as fully interconnected disciplines,
- develop a self-directed creative practice,
- demonstrate the ability to critically analyze their work and the work of others, and
- acquire the skills to make a portfolio for a range of jobs in both art and design.

Music Learning Outcomes:

- Critical listening skills, i.e., the ability able to identify and analyze by ear and at a high level of detail a variety of different musical styles, both Western and non-Western, from classical, popular, and folk music.
- Proficiency in musical notation and the ability to analyze deeply musical structures and styles of the West from their notation.
- Discipline-specific critical reading skills, i.e., the ability to understand, analyze and critique complex and specialized written texts about music.
- Articulate and accurate use of specialized music vocabulary in both writing and speech with the ability to express tastes and opinions about a wide range of musical repertory with reference to specific musical detail.
- Regular public performance in the large ensembles and in solo or small ensemble settings, with substantial improvement in performance skills on one or more instruments, with an emphasis on improved performance proficiency in performing from notation.

Theatre Learning Outcomes:

- General: Think critically, analytically, and creatively about theatre and communicate ideas effectively in writing and through oral presentations.
- Performance: Identify dramatic action in plays and determine ways to physicalize it on stage
- Design and technology: Demonstrate the skills necessary to conceptualize, create and/or organize elements of a production
- History, literature, and criticism: Demonstrate general knowledge of dramatic literature , history, and theory

Bachelor of Arts in Art and Design

The primary goals of the Art & Design program are to educate students in creative production skills, critical and historical knowledge, and professional practices vital to careers in art and design related fields. Our curricular offerings are wide ranging and include: Graphic Design, Sculpture, Painting, Drawing, Photography and more focused courses like Art & Ecology, Animation and Motion Graphics, Mixed Media, and Design for Print. From introductory to advanced courses, our curriculum reinforces our belief that fine art and design are interconnected disciplines. After completing the core courses, students can focus on fine art or design or both. Graduating seniors exhibit a significant body of original work in the gallery of the McCarthy Art Center as a capstone experience of the major. Scholarship opportunities are available to incoming and returning students through the Fairbanks-Paulin and McCarthy Scholarship programs.

Required Courses:

Choose one Introductory course:

- AR 101 - Foundations in Art & Design **Credits: 4** (formerly AR-201)
- AR 102 - Exploring Art & Design **Credits: 4**
- AR 205 - Drawing I **Credits: 4**

Choose one Painting or Sculpture course:

- AR 209 - Painting with Oil **Credits: 4**
- AR 219 - Painting with Acrylic **Credits: 4**
- AR 225 - Sculpture: Subject and Object **Credits: 4**
- AR 235 - Sculpture: Site and Installation **Credits: 4**

Choose one Art History (AH) course:

- AH 251 - Ancient and Medieval Art **Credits: 4**
- AH 252 - Renaissance and Modern Art **Credits: 4**
- AH 280 - Culture and Society in Medieval Burgundy **Credits: 4**
- AH 333 - Art Since 1960 **Credits: 4**
- AH 347 - Saints, Kings and Barbarians **Credits: 4**
- AH 348 - Castles and Cathedrals: Art of the High Middle Ages **Credits: 4**
- AH 381 - Topics in Art History **Credits: 4**

Take:

- AR 204 - Introduction to Graphic Design **Credits: 4**
- AR 215 - Digital Imaging **Credits: 4**
- AR 408 - Junior Studio **Credits: 4**
- AR 415 - Senior Studio **Credits: 4**

Take two additional Art courses numbered above 205.

Take one additional Art History course or one additional Art course numbered above 205.

Take AR-405 (Education Double Majors May Fulfill this Requirement with ED-475 or ED-499)

- AR 405 - Professional Practices in Art & Design **Credits: 2**

Bachelor of Arts in Music

The Music program offers coursework focused on (1) music theory, analysis, and composition, (2) performance, (3) music history and repertory, and (4) music careers. By senior year music majors have (1) knowledge and experience of the theory and analysis of music, particularly but not exclusively the highly systematic genres of the West, (2) familiarity with representative styles and repertory of European music from the Middle Ages through the present and characteristics of American and non-Western music, (3) performance experience both on a primary instrument (or voice) and in ensembles in music of various styles, (4) educated tastes and opinions about a wide range of musical repertory that they can express fluently in both oral and written forms, and (5) skills specific to a variety of careers in music-related industries.

Music majors are encouraged to explore double majors or major-minor combinations. Students preparing for careers in the music industry should complete the Business Administration Minor; those preparing for graduate work in music therapy should complete the Psychology Minor (including Abnormal Psych and Developmental Psych). Other students should complete a minor that complements their interest in music (e.g. Anthropology for research in ethnomusicology, Creative Writing for songwriting, Theatre for musical theatre performance, etc.)

The Fine Arts Department offers students the opportunity for private study for credit with a local teacher on a variety of musical instruments or in voice. The additional fee for private study under this program is partially subsidized for music majors and minors. For more information on precise fees and qualification for the subsidy please contact the Registrar's office.

The Fine Arts Department maintains spaces dedicated to classroom teaching, individual practice, group rehearsal, and performance in music. In addition, the department sponsors the Chorale, Concert Band, Jazz Orchestra, String Orchestra, and West African Drummers. All of these groups perform on and off campus.

Scholarship opportunities are available to incoming and returning students through the Fairbanks-Paulin and McCarthy Scholarship programs.

Required Courses:

Take:

- MU 201 - Structures of Music I **Credits: 4**
- MU 203 - Structures of Music II **Credits: 4**
- MU 493- Internship in Music **Credits 2**
- MU 492 - Senior Seminar and Project **Credits: Variable**

Choose one Music History course:

- MU 222 - Medieval and Renaissance Music **Credits: 4**
- MU 225 - Classical Music History **Credits: 4**
- MU 228 - 20th Century Music **Credits: 4**
- MU 242 - History of Jazz **Credits: 4**

- MU 243 - History of Gospel **Credits: 4**
- MU 244 - American Musical Theater **Credits: 4**
- MU 247 - History of Rock **Credits: 4**

Take five more academic music courses (not performance) at the 200 level or above.

Take two Half courses of ensemble performance.

Take six semesters of private music lessons.

Bachelor of Arts in Theatre

Theatre at Saint Michael's College serves the liberal arts by providing a rigorous aesthetic, intellectual, and practical opportunity to explore the frontiers of learning and the formation of collaborative communities. The primary mode of study is the practice of theatre, involving theoretical, historical, aesthetic and technical elements.

The theatre program makes its home in the McCarthy Arts Center, which houses 2 theatres, a recital hall, an art gallery, rehearsal spaces, classrooms, and faculty offices. The theatre, an intimate but broad house which seats 360, boasts a proscenium stage complete with trap room, substantial wing and fly space, and state-of-the-art lighting and sound equipment. The cozy "Trap Door Theatre" houses smaller and alternative productions. Costume and scenery studios are located in the building and storage facilities are convenient to the theatre.

The department sponsors two faculty-directed Mainstage productions, with additional performance and design opportunities available through the Directing class, Independent Studies and Senior Capstone Projects. All students are given an opportunity to direct, design, perform in, manage, research and respond to theatre in production and performance. The department is also closely allied with a very active student-run Drama Club; Saint Michael's Playhouse, a professional Equity Summer Theatre; and the Kennedy Center American College Theater Festival.

Required Courses:

Take:

- TH 110 - BIPOC Voices in Theatre **Credits: 4**
- TH 207 - Acting Techniques **Credits: 4**
- TH 209 - Stagecrafts **Credits: 4**
- TH 210 - Shakespeare to Showboats **Credits: 4**
- TH 211 - Costume Crafts **Credits: 4**
- TH 273 - Production Practicum: Stage Management **Credits: 2**
- TH 309 - Directing **Credits: 4**
- TH 310 - Modern and Contemporary Theatre **Credits: 4**
- TH 410 - Senior Seminar in Theatre **Credits: 4**

Choose two from the following:

- TH 161 - Theatre Laboratory: Scenery, Lights, Painting **Credits: 2**
- TH 162 - Theatre Laboratory: Costumes **Credits: 2**

- TH 163 - Theatre Laboratory: Scenery, Lights, Run Crew **Credits: 2**

Minors

Art and Design Minor

Required:

Choose one:

- AR 101 - Foundations in Art & Design **Credits: 4** (formerly AR-201)
- AR 102 - Exploring Art & Design **Credits: 4**
- AR 204 - Introduction to Graphic Design **Credits: 4**
- AR 205 - Drawing I **Credits: 4**

Choose one:

- AH 251 - Ancient and Medieval Art **Credits: 4**
- AH 252 - Renaissance and Modern Art **Credits: 4**
- AH 280 - Culture and Society in Medieval Burgundy **Credits: 4**
- AH 333 - Art Since 1960 **Credits: 4**
- AH 347 - Saints, Kings and Barbarians **Credits: 4**
- AH 348 - Castles and Cathedrals: Art of the High Middle Ages **Credits: 4**
- AH 381 - Topics in Art History **Credits: 4**

Choose three:

- AR 206 - Typography **Credits: 4**
- AR 208 - Mixed Media **Credits: 4**
- AR 209 - Painting with Oil **Credits: 4**
- AR 210 - Interaction With Color **Credits: 4**
- AR 211 - Portraits **Credits: 4**
- AR 214 - Digital Animation and Motion Graphics **Credits: 4**
- AR 215 - Digital Imaging **Credits: 4**
- AR 217 - Introduction to Web Design **Credits: 4**
- AR 219 - Painting with Acrylic **Credits: 4**
- AR 221 - Silkscreen Printmaking **Credits: 4**
- AR 225 - Sculpture: Subject and Object **Credits: 4**
- AR 235 - Sculpture: Site and Installation **Credits: 4**
- AR 261 - Kyoto, Japan: Aesthetic Perspective on Place **Credits: 2**
- AR 262 - Kyoto, Japan: Summer Study Trip **Credits: 2**
- AR 301 - Wood Furniture Design & Construction **Credits: 4**
- AR 315 - Digital Video Art **Credits: 4**
- AR 320 - Brand Design **Credits: 4**
- AR 321 - Brand Design II **Credits: 4**

- AR 330 - Introduction to Darkroom Photography **Credits: 4**
- AR 332 - Art & Ecology **Credits: 4**
- AR 335 - Introduction to Digital Photography **Credits: 4**
- AR 340 - Intermediate Photography **Credits: 4**
- AR 382 - Topics in Studio Art **Credits: Variable**
- AR 405 - Professional Practices in Art & Design **Credits: 2**
- AR 408 - Junior Studio **Credits: 4**
- AR 415 - Senior Studio **Credits: 4**

Art History Minor

Required:

- AH 251 - Ancient and Medieval Art **Credits: 4**
- AH 252 - Renaissance and Modern Art **Credits: 4**

Choose one:

- AR 101 - Foundations in Art & Design **Credits: 4** (formerly AR-201)
- AR 102 - Exploring Art & Design **Credits: 4**
- AR 205 - Drawing I **Credits: 4**

Choose two:

- AH 280 - Culture and Society in Medieval Burgundy **Credits: 4**
- AH 333 - Art Since 1960 **Credits: 4**
- AH 347 - Saints, Kings and Barbarians **Credits: 4**
- AH 348 - Castles and Cathedrals: Art of the High Middle Ages **Credits: 4**
- AH 381 - Topics in Art History **Credits: 4**

Music Minor

Required:

- MU 201 - Structures of Music I **Credits: 4**
- MU 203 - Structures of Music II **Credits: 4**

Choose two academic music courses (not performance):

- MU 222 - Medieval and Renaissance Music **Credits: 4**
- MU 225 - Classical Music History **Credits: 4**
- MU 228 - 20th Century Music **Credits: 4**
- MU 242 - History of Jazz **Credits: 4**
- MU 243 - History of Gospel **Credits: 4**
- MU 244 - American Musical Theater **Credits: 4**

- MU 247 - History of Rock **Credits: 4**
- MU 253 - Global Issues in Music **Credits: 4**
- MU 282 - Music Business and Management **Credits: 4**
- MU 285 - Introduction to Music Therapy **Credits: 4**
- MU 301 - Advanced Music Theory **Credits: 4**
- MU 319 - Advanced Topics in Music Theory **Credits: 4**
- MU 349 - Topics in American and Popular Music **Credits: 4**
- MU 359 - Topics in Ethnomusicology **Credits: 4**

And take two half courses of ensemble performance OR four semesters of private lessons.

Theatre Minor

Required:

Choose one:

- TH 110 - BIPOC Voices in Theatre **Credits: 4**
- TH 210 - Shakespeare to Showboats **Credits: 4**
- TH 310 - Modern and Contemporary Theatre **Credits: 4**

Choose one:

- TH 209 - Stagecrafts **Credits: 4**
- TH 211 - Costume Crafts **Credits: 4**

Choose one:

- TH 207 - Acting Techniques **Credits: 4**
- TH 213 - Singing for the Actor **Credits: 4**

And choose any two additional Theatre courses, one of which must be a Full course.

First-Year Seminar

Director: Associate Professor Peter Vantine

All undergraduate students at Saint Michael's College enroll in a First-Year Seminar during their first or second semester. These discussion-based, writing-intensive seminars explore broad questions in the liberal arts and are restricted in enrollment to encourage active learning and interaction between all students and the professor. The small class size allows instructors to get to know students well and to work closely with their writing. It also encourages students to work cooperatively, creating a small, engaged community of learners who take responsibility for their own education.

First-Year Seminars introduce students to writing as a process, writing as a mode of learning, and academic writing forms and skills. Entry-level writing proficiency is assessed through the First-Year Seminar courses, and each seminar also partially fulfills the Written Communication requirement in the Liberal Studies Curriculum. First-Year Seminars have a cap of 15 to give the instructor time to respond to student writing each week and meet individually with students to discuss their writing.

Topics vary from year to year, but all courses in the program aim to develop students' abilities to closely analyze primary texts, participate thoughtfully in discussions about complex topics, and write effectively. Courses explore their topic from a range of interdisciplinary perspectives and are designed to promote reflection on cultural diversity.

Guidelines:

1. First-Year Seminars focus on various topics, but they are all similar in their emphasis on discussion and their extensive use of writing.
2. Topics encourage examination of large questions, have an interdisciplinary dimension, and provoke reflection on diversity.
3. Courses require frequent writing, at least twice a week. This includes:
 - a. Various kinds of informal writing designed to encourage active reading and discussion (e.g., freewriting, journals, reading questions or summaries, commentaries, annotations, question-and-response).
 - b. Preparatory stages of writing for formal papers (e.g., topic-generating exercises, reading notes, proposals, outlines, drafts).
 - c. Formal papers: a minimum of 3, totaling 10-20 pages. Formal papers must include at least one analytical/persuasive essay, but may also include other prose forms.
4. Courses provide clear, written criteria for assessment and discussion of writing and must make use of texts and student models demonstrating those criteria.
5. Courses include weekly opportunities for feedback on writing, from peers and the instructor (e.g., written comments, small-group discussions, workshops, individual conferences).
6. Courses include revisions involving feedback.
7. Courses introduce research skills and citation forms, in collaboration with Library staff.
8. Courses address academic integrity, plagiarism, and the College's policies in this regard.

First Year Seminar Learning Outcomes:

Students will demonstrate:

- * The ability to engage in active learning at the college level.
- * The ability to use writing as a tool for reflection, learning and the effective expression of one's ideas. This includes:
 - o An understanding of what makes effective writing for a general academic audience.
 - o The ability to manage the writing process (prewriting, drafting, feedback, revision, editing, and proofreading) to produce finished products.
 - o The ability to generate a thesis on their own and support it with convincing evidence and reasoning in a formal academic essay that has cohesion, coherence, and voice.

o The ability to use feedback to revise, as well as to give others constructive feedback on their writing.

* The ability to apply basic research skills, including the ability to integrate and cite sources.

* An understanding of academic integrity

Courses Offered

Note: A selection of the following seminars is offered in each academic year.

- FS 102 - The Afterlife **Credits: 4**
- FS 110 - Purpose, Meaning & Happiness **Credits: 4**
- FS 111 - The Examined Life **Credits: 4**
- FS 112 - Drama and Culture **Credits: 4**
- FS 113 - Tries: Creative Writing **Credits: 4**
- FS 115 - The American Environmental Imagination **Credits: 4**
- FS 116 - Snow: The Art and Science of Alpine Crystals **Credits: 4**
- FS 117 - Joan of Arc **Credits: 4**
- FS 118 - Performance, Art & Social Justice **Credits: 4**
- FS 121 - Dylan's Times, Chimes & Rhymes **Credits: 4**
- FS 122 - Music and the Human Experience **Credits: 4**
- FS 123 - On Memory **Credits: 4**
- FS 126 - Sports Stories **Credits: 4**
- FS 127 - Storytelling **Credits: 4**
- FS 128 - Journey Stories **Credits: 4**
- FS 139 - Resistance and Empowerment **Credits: 4**
- FS 140 - Place and Placelessness **Credits: 4**
- FS 147 - Skull Wars **Credits: 4**
- FS 150 - Black Voices of Democracy **Credits: 4**
- FS 153 - Peace and Justice **Credits: 4**
- FS 154 - Race, Gender, and Ethnicity in Media **Credits: 4**
- FS 156 - Memoir: LGBTQI Authors **Credits: 4**
- FS 158 - Society, Identity, and Race **Credits: 4**
- FS 161 - Technology and Ethics in Society **Credits: 4**
- FS 162 - Science and Technology that Changed History and You **Credits: 4**
- FS 182 - The Social Construction of Humanness **Credits: 4**

Gender and Sexuality Studies

Program Director: Michael Bosia

Affiliated Faculty:

Michael Bosia (Political Science)

Maura D'Amore (English)

Crystal L'Hôte (Philosophy)

Shefali Misra (Political Science)

Kerry Shea (English)

Alexandra Garrett (History)

The Gender and Sexuality Studies program at Saint Michael's College focuses on questions of gender and difference, the body and sexuality. As students investigate power relations, social inequalities, and modes of resistance, they consider how normative and non-normative constructions of gender and sexuality shape the production of knowledge in given fields at particular moments and locales.

An interdisciplinary program, Gender and Sexuality Studies draws from a wide range of faculty and courses, including fine arts, liberal arts, humanities, social and natural sciences and pre-professional programs. Since much of culture is grounded in constructions of gender, issues examined in courses may encompass sexual identities and orientations, intersex and transgender issues, social practices, gender-influenced cultural productions and historical change. Courses across the curriculum may consider such matters as how biology intersects with culture, how gender creates and maintains structures of power, how aspects of the humanities are gender-inflected, and how gendered identities affect personhood. The purpose of such academic exploration is to expand curricular possibilities that enable students to comprehend more fully the complex factors that shape their experiences of themselves, others and the world. Service learning and active engagement in contemporary gender issues are essential aspects of the Gender and Sexuality Studies Program.

Students can take a variety of courses at Saint Michael's or, with permission of the coordinator, take courses through our exchange program in Women's Studies at the University of Vermont.

Bachelor of Arts in Gender and Sexuality Studies

Required Courses:

Take:

- GS 101 - Gender Studies: Foundations **Credits: 4**

One 200-level GS course or EN-243 or PO-292

- GS 203 - Gender Issues in Society **Credits: 4**
- GS 204 - Men & Masculinities **Credits: 4**
- GS 208 - Topics in Gender Studies **Credits: 4**
- EN 243 - Queer Lives, Queer Forms **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**

One theory and methods course from the following:

- EN 225 - On Looking **Credits: 4**
- EN 325 - Critical Theory **Credits: 4**
- PH 335 - Feminist Philosophy **Credits: 4** (formerly PH-352)
- PO 371 - Feminist Political Thought **Credits: 4**

One course focusing on intersectional approaches to gender and sexuality from the following:

- ANT 217 - Social Inequalities **Credits: 4**
- DMC 323 - Race, Gender and Ethnicity in Media **Credits: 4**

- EN 228 - American Childhood **Credits: 4** (formerly AM-225)
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PO 299 - Identity in Politics **Credits: 4**
- PO 336 - Law and Social Change **Credits: 4**
- PO 340 - Social Movements and Contentious Politics **Credits: 4**
- PO 390 - Comparative Politics of Racism **Credits: 4**
- SO 215 - Social Determinants of Health **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**
- Or another course approved by the program director

One course on the history of gender and sexuality from the following:

- EN 228 - American Childhood **Credits: 4** (formerly AM-225)
- EN 243 - Queer Lives, Queer Forms **Credits: 4**
- EN 380 - Women's Literature **Credits: 4** (formerly EN-401)
- HI 215 - Women in American Society **Credits: 4**
- Or another course approved by the program director

And GS 308 or an approved Junior Seminar course:

- GS 308 - Advanced Topics in Gender Studies **Credits: 4**
- JS 305 - The Politics of Queer Cinema **Credits: 4**
- JS 307 - Rhetorics of Craft **Credits: 4**
- JS 317 - America on Film: Race, Class, Gender, and Sexuality at the Movies **Credits: 4**
- JS 320 - Race/ Gender/ Sexuality/ Plays **Credits: 4**

Three electives from an approved list of courses

Including those listed above if not taken to fulfill another requirement. No more than two from the same department outside GS.

Take a Senior Capstone:

- GS 410 - Senior Capstone **Credits: 4**
- EN 410 - Senior Seminar **Credits: 4**
- HI 410 - Senior Seminar **Credits: 4**
- GS 497 - (IS) Independent Study/Research **Credits: Variable**

Minors

Gender and Sexuality Studies Minor

Required:

- GS 101 - Gender Studies: Foundations **Credits: 4**

Choose one:

- GS 203 - Gender Issues in Society **Credits: 4**
- GS 204 - Men & Masculinities **Credits: 4**
- GS 208 - Topics in Gender Studies **Credits: 4**
- EN 243 - Queer Lives, Queer Forms **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**

One 300 or 400 Level GS elective

- ANT 341 - Anthropology of Mental Health **Credits: 4**
- ANT 355 - Anthropology of International Development **Credits: 4**
- DMC 323 - Race, Gender and Ethnicity in Media **Credits: 4**
- EN 325 - Critical Theory **Credits: 4**
- EN 380 - Women's Literature **Credits: 4** (formerly EN-401)
- ES 325 - The Politics of Food **Credits: 4**
- GS 308 - Advanced Topics in Gender Studies **Credits: 4**
- JS 305 - The Politics of Queer Cinema **Credits: 4**
- JS 307 - Rhetorics of Craft **Credits: 4**
- JS 317 - America on Film: Race, Class, Gender, and Sexuality at the Movies **Credits: 4**
- JS 320 - Race/ Gender/ Sexuality/ Plays **Credits: 4**
- PH 335 - Feminist Philosophy **Credits: 4** (formerly PH-352)
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**
- PO 334 - U.S. Constitutional Law: Rights & Liberties **Credits: 4**
- PO 336 - Law and Social Change **Credits: 4**
- PO 340 - Social Movements and Contentious Politics **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- PO 365 - Multiculturalism in Theory and Practice **Credits: 4**
- PO 371 - Feminist Political Thought **Credits: 4**
- PS 314 - Psychology of Close Relationships **Credits: 4**
- PS 315 - Sports Psychology **Credits: 4**
- SO 318 - Restorative Justice **Credits: 4**

Choose two additional GS electives at any level:

- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- ANT 217 - Social Inequalities **Credits: 4**
- ANT 341 - Anthropology of Mental Health **Credits: 4**
- ANT 355 - Anthropology of International Development **Credits: 4**
- CR 201 - Theories of Crime, Justice, and Race **Credits: 4**
- DMC 323 - Race, Gender and Ethnicity in Media **Credits: 4**
- DMK 275 - Race, Gender, and (in)Equity in Marketing Communications **Credits: 4**
- ED 241 - Literature for Children and Adolescents **Credits: 4**
- ED 251 - Child Development and Education **Credits: 4**
- ED 271 - Adolescent Development in a Culturally Responsive Classroom **Credits: 4**

- EN 225 - On Looking **Credits: 4**
- EN 228 - American Childhood **Credits: 4** (formerly AM-225)
- EN 243 - Queer Lives, Queer Forms **Credits: 4**
- EN 325 - Critical Theory **Credits: 4**
- EN 380 - Women's Literature **Credits: 4** (formerly EN-401)
- ES 325 - The Politics of Food **Credits: 4**
- GS 203 - Gender Issues in Society **Credits: 4**
- GS 204 - Men & Masculinities **Credits: 4**
- GS 208 - Topics in Gender Studies **Credits: 4**
- GS 308 - Advanced Topics in Gender Studies **Credits: 4**
- HI 215 - Women in American Society **Credits: 4**
- JS 305 - The Politics of Queer Cinema **Credits: 4**
- JS 307 - Rhetorics of Craft **Credits: 4**
- JS 317 - America on Film: Race, Class, Gender, and Sexuality at the Movies **Credits: 4**
- JS 320 - Race/ Gender/ Sexuality/ Plays **Credits: 4**
- PH 335 - Feminist Philosophy **Credits: 4** (formerly PH-352)
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PJ 205 - Theories of Conflict Resolution **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**
- PO 299 - Identity in Politics **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**
- PO 334 - U.S. Constitutional Law: Rights & Liberties **Credits: 4**
- PO 336 - Law and Social Change **Credits: 4**
- PO 340 - Social Movements and Contentious Politics **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- PO 365 - Multiculturalism in Theory and Practice **Credits: 4**
- PO 371 - Feminist Political Thought **Credits: 4**
- PS 252 - Child Development **Credits: 4**
- PS 253 - Adolescent Development **Credits: 4**
- PS 314 - Psychology of Close Relationships **Credits: 4**
- PS 315 - Sports Psychology **Credits: 4**
- SO 215 - Social Determinants of Health **Credits: 4**
- SO 218 - Deviance, Norms, and Social Control **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**
- SO 318 - Restorative Justice **Credits: 4**

Health Science

Affiliated Faculty:

Associate Professor Paul Constantino (Biology)

Professor Shane Lamos (Chemistry)

Associate Professor Dagan Loisel (Biology)

Associate Professor Program Melissa Tomasulo (Psychology)

Health Science combines biomedical instruction with an understanding of how psychological and societal factors impact health.

The Health Science major prepares students for medical, dental, and other healthcare graduate programs such as physical therapy, physician's assistant, occupational therapy, podiatry, optometry, or nursing. Saint Michael's graduates have outstanding admission rates to healthcare professional schools.

Majoring in Health Science can also prepare you for direct entry to jobs in many sectors of the healthcare industry right after graduation.

Bachelor of Science in Health Science

Required Courses:

Take one of the following:

- BI 151 - Introduction to Ecology and Evolution **Credits: 4**
- BI 152 - Introduction to Health Science **Credits: 4**

And take the following courses:

- BI 153 - Introductory Cell Biology and Genetics **Credits: 4**
- BI 207 - Human Anatomy and Physiology I **Credits: 4**
- BI 219 - Human Anatomy and Physiology II **Credits: 4**
- CH 110 - General Chemistry I **Credits: 4**
- CH 117 - Organic Chemistry I **Credits: 4**
- PS 350 - Psychology of Health and Illness **Credits: 4**

Choose one Statistics course (ST-120, ST-140, PS-213):

- ST 120 - Elementary Statistics **Credits: 4**
- ST 140 - Biological Data & Statistics **Credits: 4**
- PS 213 - Psychological Statistics **Credits: 4**

Choose one Healthcare or Medical Ethics course (PH-233, RS-328):

- PH 233 - Healthcare Ethics **Credits: 4**
- RS 328 - Christian Healthcare Ethics **Credits: 4**

Choose three Biology electives numbered 200-level or above:

Choose three courses from the list below:

- BI 215 - Epidemiology **Credits: 4**
- BI 222 - Population and Evolutionary Genetics **Credits: 4**
- BI 223 - Molecular Genetics **Credits: 4**
- BI 225 - Cell Biology **Credits: 4**
- BI 230 - General Microbiology **Credits: 4**
- BI 235 - Topics in Biology **Credits: Variable**

- BI 257 - Virology **Credits: 4**
- BI 259 - Nutrition **Credits: 4**
- BI 318 - Cellular/Molecular Neuroscience **Credits: 4**
- BI 319 - Toxicology **Credits: 4**
- BI 320 - Neuroscience: Physiology/Behavior **Credits: 4**
- BI 335 - Advanced Topics in Biology **Credits: 4**
- BI 345 - Developmental Biology **Credits: 4**
- BI 355 - Evolution **Credits: 4**
- BI 356 - Human Evolution **Credits: 4**
- BI 365 - Immunology and Parasitology **Credits: 4**

Language or Terminology Proficiency

- CL 118 - Ancient Medicine and the Greek and Latin Roots of Scientific Terminology **Credits: 4**
- Or completion of a first semester language course
- Or placement exam results at the second-semester level (102) or above.
- Or transfer credit for an approved medical terminology course.

Senior Seminar

Take a Senior Seminar in Health Science, Biology or Neuroscience:

- BI 410 - Senior Seminar **Credits: 4**
- NS 410 - Neuroscience Senior Seminar **Credits: 4**

Applied Learning

Take 4 credits from the options below:

- HS 160 - Emergency Medical Technician **Credits: 4**
- HS 260 - Advanced Emergency Medical Technician **Credits: 4**
- Internship or Practicum (499) in Health Science, Biology, or Neuroscience approved by the Program Director
- Biomedical Research, pre-approved by the Program Director
- EMT or LNA licenses completed elsewhere and used with patients for at least 100 documented hours, as approved by the Program Director

History

Faculty

Chair: Professor Jennifer Purcell

Assistant Professors: Alexandra Garrett

Instructor: Jolivet Anderson-Douning

Remembering the past is a fundamental human activity. The study of history seeks to understand and recapture the human past by the application of critical methods of investigation and analysis. Because the subject matter of history is so broadly rich and diverse, the discipline must attempt to order and unify the past so that the student may not only see what happened but also develop an informed perception of the significance of what happened. In its task of investigating the human past, the discipline of History must avail itself of other branches of learning, especially the

social sciences, religious studies, philosophy and literature. History, therefore, is one of the most important of the liberal arts because it utilizes and integrates both the arts and the sciences in order to give meaning to past human experience.

To accomplish its goal of enlarging student awareness and perception, the Department of History has set for itself the following objectives: to impart to the student a general knowledge of the rich variety of human activity in the past, to acquaint the student with specialized areas in Western and non-Western history, to promote the student's understanding of, and appreciation for, the present as a complex evolutionary product of the past; to strengthen the student's critical faculties to synthesize and analyze so that an informed perception of the meaning of the past might result; and finally, to help the student develop the literary and rhetorical skills necessary for intelligent self-expression through discussions, research papers, and oral presentations.

The History Department also sponsors its own local chapter of Phi Alpha Theta, the international History Honor Society. Our chapter, Alpha Epsilon Nu, offers membership to all students who have attained high standards of scholarship in at least twelve credit hours of work in History. Special programs and activities are planned annually.

History Learning Outcomes:

Students will demonstrate the ability think, write, and speak critically and analytically about the past.

Students will conduct research into the past by producing research papers and will correctly document the primary and secondary sources that inform that research.

Students will be able to articulate the dynamic nature of historical change over time in several areas of the world and be able to interpret primary and secondary historical texts in an informed and critical manner.

Students will describe the significant currents and forces that have helped shape world history.

Students will use the tools and resources (digital, print, material) necessary to complete a significant research project in History.

Students will illustrate a broad understanding of the history of at least three of the four geographically-defined areas of the world offered by the department.

Students will be able to describe the major historiographical issues associated with the topics covered.

Bachelor of Arts in History

Required Courses:

- Three full courses at the 100-level
- Two History electives among any category (100-, 200-, 300-/400-level full courses)

In addition:

- Four full course 300- or 400-level seminars. No more than two of these courses may be transferred in from another institution.
- HI 410 - Senior Seminar

Options for an elective from another discipline:

With permission of the department chair, one cognate, historically based course in another discipline may be counted toward the major in History.

Examples of approved courses have included:

- AH 280 - Culture and Society in Medieval Burgundy **Credits: 4**
- AH 348 - Castles and Cathedrals: Art of the High Middle Ages **Credits: 4**
- ES 305 - US Environmental History **Credits: 4**
- JS 301 - Land, Sea, Sky **Credits: 4**
- JS 303 - A Nation Inside and Out **Credits: 4**
- MU 243 - History of Gospel **Credits: 4**
- MU 247 - History of Rock **Credits: 4**
- RS 231 - American Catholicism **Credits: 4**
- RS 321 - Judaism in the Greco-Roman World **Credits: 4**

Minors

American Studies Minor

Required:

- AM 101 - Introduction to American Studies **Credits: 4**

Choose two full courses:

- EN 210 - Early American Literature **Credits: 4**
- EN 230 - American Literature After 1865 **Credits: 4**
- EN 235 - African American Literature **Credits: 4**
- EN 236 - Asian American Literatures **Credits: 4**
- HI 101 - U.S. History to 1865 **Credits: 4**
- HI 103 - U.S. History since 1865 **Credits: 4**
- HI 180 - African American History **Credits: 4**
- HI 222 - Topics in American History **Credits: Variable (4 credits required)**
- HI 422 - Advanced Topics in American History **Credits: 4**

Choose two:

- AM 201 - Topics in American Studies **Credits: 4**
- AM 227 - Foundations of US Latinx Literature and Culture **Credits: 4**
- AM 229 - Introduction to Cuban Literature and Culture **Credits: 4**
- AM 380 - American Publics **Credits: 4**
- EN 225 - On Looking **Credits: 4**
- EN 228 - American Childhood **Credits: 4**
- JS 303 - A Nation Inside and Out **Credits: 4**
- JS 307 - Rhetorics of Craft **Credits: 4**
- or an approved Junior Seminar

History Minor

Required:

Choose two 100-level courses in two of four areas:

Europe:

- HI 105 - Early Modern Europe **Credits: 4**
- HI 107 - Modern Europe **Credits: 4**
- HI 108 - Medieval World **Credits: 4**
- HI 113 - History of Rome **Credits: 4**
- HI 171 - African Europeans, Antiquity to Present **Credits: 4**
- HI 175 - World History I: Beginnings to 1500 **Credits: 4**
- HI 177 - World History II: 1450 to Present **Credits: 4**

United States

- HI 101 - U.S. History to 1865 **Credits: 4**
- HI 103 - U.S. History since 1865 **Credits: 4**
- HI 180 - African American History **Credits: 4**

Latin America

- HI 161 - Early Latin America **Credits: 4**
- HI 163 - Modern Latin America **Credits: 4**

East Asia

- HI 143 - Modern East Asia **Credits: 4**
- HI 175 - World History I: Beginnings to 1500 **Credits: 4**
- HI 177 - World History II: 1450 to Present **Credits: 4**

And choose three courses:

Choose any three full HI courses at the 200-, 300-, or 400-level (only one of which can be at the 200-level) OR choose any two HI courses at the 300- or 400-level and one approved elective from another discipline (examples below).

- AH 280 - Culture and Society in Medieval Burgundy **Credits: 4**
- AH 348 - Castles and Cathedrals: Art of the High Middle Ages **Credits: 4**
- AH 381 - Topics in Art History **Credits: 4**
- ES 305 - US Environmental History **Credits: 4**
- JS 301 - Land, Sea, Sky **Credits: 4**
- JS 303 - A Nation Inside and Out **Credits: 4**
- MU 243 - History of Gospel **Credits: 4**
- MU 247 - History of Rock **Credits: 4**

- RS 217 - Medieval Christianity **Credits: 4**
- RS 231 - American Catholicism **Credits: 4**
- RS 321 - Judaism in the Greco-Roman World **Credits: 4**

Public History Minor

Required:

- HI 365 - Public History **Credits: 4**
- HI 499 - (INT) Internship **Credits: Variable**

Take the equivalent of three full courses from the following (maximum two History courses):

- LS 202 - Introduction to Archives **Credits: 2**
- AH 348 - Castles and Cathedrals: Art of the High Middle Ages **Credits: 4**
- CH 101 - Concepts in Chemistry **Credits: 4**
- CH 110 - General Chemistry I **Credits: 4**
- ED 231 - Education in the 21st Century: Inquiry and Innovation **Credits: 4**
- EN 391 - Topics in Film **Credits: 4**
- ES 305 - US Environmental History **Credits: 4**
- HI 393 - Understanding the Past: Topics **Credits: 4**
- ANY upper-level History course 200-400.

Honors Program

Course offered:

- HO 301 - Honors Colloquium **Credits: 2**
- HO 401 - Honors Capstone **Credits: 1**

Humanities

Director: Maura D'Amore

Affiliated Faculty:

Nathaniel Lew (Music)

Tim Mackin (English)

Shefali Misra (Political Science)

Interdisciplinary in approach, the Humanities Program offers a spectrum of courses exploring the intellectual history and leading ideas of western culture from antiquity through the twentieth century. All Humanities courses focus on developing students' skills in critical thinking and analysis, expansive reading, and artistic appreciation. These courses, in their comparative study of various religious, intellectual and artistic traditions, are designed to promote an enhanced awareness of the historical and cultural contexts crucial for understanding the contemporary world, and to deepen engagement with the various ways of imagining human existence and meaning.

Since the program is designed to assist the student to think and write clearly and critically, each course includes an emphasis on writing. The primary objectives of the Humanities Program are twofold: to provide the student with an appreciation for the evolutionary development of global cultural and intellectual traditions, and, more generally, to impart a sense of what Renaissance humanists referred to as the *scientia rerum*—the broad vision of how specialized or technical knowledge can be integrated into a liberalizing and humanistic whole.

Courses Offered:

- HU 101 - Ancient and Medieval Civilization **Credits: 4**
- HU 102 - The Modernizing World **Credits: 4**
- HU 209 - The Twentieth Century **Credits: 4**

Information Systems

Program Director:

Professor John Trono (Computer Science)

The Information Systems major, with its liberal arts emphasis, is offered jointly by the Business and the Computer Science departments. Students study the way organizations utilize technology resources and services. Information Systems is for students who are interested in the broader aspects of computing in the context of efficiently operating and promoting an organization. Graduates of the Saint Michael's Information Systems major may engage in designing and maintaining database systems, creating web sites, handling system administration, or managing others for the strategic and technological advantage of an organization.

Bachelor of Science in Information Systems

Required Courses:

- BU 103 - Managerial Ethics **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4**
- CS 111 - Introduction to Computer Science I **Credits: 4**
- CS 113 - Introduction to Computer Science II **Credits: 4**
- AC 141 - Financial Accounting **Credits: 4**
- AC 143 - Managerial Accounting **Credits: 4**
- DS 202 - Computational Methods for Data Science **Credits: 4**
- BU 214 - Management **Credits: 4**
- BU 218 - Analytics in Operations **Credits: 4**
- CS 304 - Web Programming **Credits: 4**
- CS 305 - Database Management **Credits: 2**
- CS 407 - Software Engineering **Credits: 4**

Choose one:

- CS/BU Elective Full Course

Choose one:

- EC 101 - Principles of Macroeconomics **Credits: 4**
- EC 103 - Principles of Microeconomics **Credits: 4**

Junior Seminar

Director: Associate Professor Katherine Kirby, PhD

Following the model of first-year seminars, Junior Seminars are interdisciplinary courses focused on critical reading, thinking, writing, and discussion, but specifically designed to give students an experience in exploring and discussing issues that impact human and/or planetary well-being. The goal is not merely to encounter texts, films, etc., that express challenging ideas, but to experience open discussion of opinions or interpretations in a context that cultivates respect and reflection. The Junior Seminar engages students to (1) interact with those who may differ in perspective, beliefs, values, or knowledge, (2) develop openness to ideas different from or in conflict with their own ideas, and (3) develop interpersonal skills that allow effective functioning in a group of peers. Along the way, the seminar encourages students to examine their own educational progress and the broader values of a liberal arts education.

Junior Seminars also acknowledge the developmental level of their students by asking them to take active ownership of their learning and develop a learning community by contributing to the course in a collaborative way. They expect students to work on skills necessary for senior year and life after college, and they introduce them to campus, community, and web resources that can help them think about and prepare for future careers.

Students must have Junior status to enroll in a JS course, and students should have completed PH and RS 100-level courses. Sections are limited to 18 students to encourage discussion and active learning.

Junior Seminar Learning Outcomes:

By the end of this course, students will be able to:

- Demonstrate an ability, through writing, to assess, examine, and analyze diverse and perhaps opposing perspectives on issues that impact human and/or planetary well-being, including connections, contrasts, and comparisons between and among disciplines.
- Demonstrate an ability to engage in civil discussion about issues that impact human and/or planetary well-being, practicing openness, attentiveness, commitment, respect, and mutual support in a community of peers.
- Complete a piece of independent research and/or analysis.
- Present independent work to peers and facilitate discussion of that work.
- Complete a piece of work that engages them in examination of their own educational progress and the broader values of a liberal arts education.
- Demonstrate familiarity with campus, community, and web resources that can help them think about and prepare for future careers, and/or demonstrate skills necessary for senior year and life after college.

Courses Offered

Note: A selection of the following seminars is offered in each academic year.

- JS 300 - Media, Technology, Health & Happiness **Credits: 4**
- JS 301 - Land, Sea, Sky **Credits: 4**
- JS 302 - The Art of Living, Aging, & Dying **Credits: 4**
- JS 303 - A Nation Inside and Out **Credits: 4**
- JS 304 - Data Visualization **Credits: 4**
- JS 305 - The Politics of Queer Cinema **Credits: 4**
- JS 307 - Rhetorics of Craft **Credits: 4**

- JS 308 - Ethics, Science and Technology **Credits: 4**
- JS 310 - A Case for Reparations? **Credits: 4**
- JS 311 - 21st Century Broadway Musical **Credits: 4**
- JS 312 - Voices of Resistance **Credits: 4**
- JS 313 - Wisdoms of the East **Credits: 4**
- JS 314 - Radical Love, Liberation, & Justice **Credits: 4**
- JS 315 - Project Censored: Fake News and Real Journalism in the Digital World **Credits: 4**
- JS 316 - Medicine, Environment, and the Body **Credits: 4**
- JS 317 - America on Film: Race, Class, Gender, and Sexuality at the Movies **Credits: 4**
- JS 318 - CAN Research and Action Practicum **Credits: 4**
- JS 319 - Troubled Democracy **Credits: 4**
- JS 320 - Race/ Gender/ Sexuality/ Plays **Credits: 4**
- JS 321 - Maple: Food, Energy, Culture **Credits: 4**
- JS 325 - Economics of Health Care **Credits: 4**
- JS 350 - Special Topics **Credits: 4**
- JS 351 - Special Topics (EDI) **Credits: 4**
- JS 352 - Special Topics (CIT) **Credits: 4**

Mathematics & Statistics

Faculty

Chair: Professor Michael Larsen

Professors: George Ashline

Associate Professor: Amir Barghi

Assistant Professors: Chris Desjardins, Cornelia Mihaila

Instructor: Barbara O'Donovan

The Department of Mathematics & Statistics offers Bachelor of Science major degrees in Mathematics and in Statistics and minor degrees in Mathematics and in Statistics. In addition, the department administers the program in Data Science, which offers major and minor degrees in Data Science.

Students wishing to double major in Data Science and Mathematics, Data Science and Statistics, or Mathematics and Statistics should consult with their advisor about rules pertaining to double-dipping. Students wishing to minor in Mathematics, Statistics, or Data Science similarly should consult their advisor about rules for overlap of Major and Minor fields of study.

Math Learning Outcomes:

Mathematics majors are expected to acquire competence in calculus, linear algebra, and probability and statistics. Through these fields, students are to develop understanding and skills in mathematical reasoning, logical deduction, data analysis and interpretation, and problem solving at various levels and in various contexts.

Students will communicate effectively broader mathematical reasoning approaches and more specific problem solving steps.

Students will progress from a procedural/computational understanding of mathematics to a broad understanding encompassing logical reasoning, generalization, abstraction, and formal proof. They are to formulate definitions and apply methods of direct and indirect proof.

Students will work with ideas and approaches representing the breadth of mathematical sciences, ranging from continuous to discrete and theoretical to applied.

Students will undertake an exploration of at least one advanced topic of their own choosing. This will require them to carefully read, analyze, and create mathematical arguments and draw on ideas and make connections with previous coursework.

Students will have experience with a variety of technological tools, such as computer algebra systems, visualization software, statistical packages, and computer programming languages.

Statistics Learning Outcomes:

Statistics majors should be able to:

Distinguish types of studies and their limitations and strengths,

Describe a data set including both categorical and quantitative variables to support or refute a statement,

Apply laws of probability to concrete problems,

Perform statistical inference in several circumstances and interpret the results in an applied context,

Use mathematical tools, including calculus and linear algebra, to study probability and mathematical statistics and in the description and development of statistical procedures,

Use a statistical software package for computations with data,

Use a computer for the purpose of simulation in probability and statistical inference, and

Communicate concepts in probability and statistics using both technical and non-technical language.

Data Science Learning Outcomes:

Students will become proficient in the statistical analysis of data and the use of computation tools for data analysis.

Students will apply statistical and computational tools to applied problems, and clearly communicate the results in both written reports and oral presentations.

Students will understand the importance of proper data management, documentation of work to allow reproducibility of results, and how to assess the ethical considerations of a data science project.

Bachelor of Science in Data Science

Data Science is an emerging field that has developed out of the tremendous growth in Statistics and Computer Science over the past few decades. Many fields increasingly utilize statistical methods and large, complex data sets in routine practice. This requires a synthesis of Computer Science and Statistics, as well as domain knowledge and the ability to clearly communicate the results.

Students begin with introductory classes in these areas to build their knowledge of the mathematical foundations of data science and their computational and statistical thinking skills. Students then move into more advanced courses like Computational Tools for Data Science, Applied Regression Analysis, and Data Structures in which they learn to create complex computer-based data models. Data Science majors complete their degrees by applying what they have learned in their Data Science Senior Seminar.

Required Courses:

- MA 160 - Calculus II Credits: 4

- MA 213 - Linear Algebra **Credits: 4**
- CS 111 - Introduction to Computer Science I **Credits: 4**
- CS 113 - Introduction to Computer Science II **Credits: 4**
- CS 211 - Data Structures and the Analysis of Algorithms **Credits: 4**
- DS 202 - Computational Methods for Data Science **Credits: 4**
- DS 203 - Introduction to Data Science **Credits: 4**
- DS 410 - Seminar in Data Science **Credits: 2**

And take one introductory statistics course from:

- ST 120 - Elementary Statistics **Credits: 4**
- ST 140 - Biological Data & Statistics **Credits: 4**
- PO 200 - Research Methods **Credits: 4**
- PS 213 - Psychological Statistics **Credits: 4**

And choose one of:

- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**

And choose one full course from the following list:

- CS 415 - Artificial Intelligence **Credits: 4**
- DS 303 - Statistical Learning **Credits: 4**
- EC 391 - Introduction to Econometrics **Credits: 4**
- JS 304 - Data Visualization **Credits: 4**
- MA 207 - Discrete Mathematics **Credits: 4**
- MA 211 - Calculus III **Credits: 4**
- MA 217 - Graphs, Networks, and Algorithms **Credits: 4**
- MA 240 - Proofs **Credits: 4**
- ST 201 - Intermediate Statistics **Credits: 4**
- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**
- ST 351 - Applied Regression Analysis **Credits: 4**
- ST 451 - Applied Statistical Methods **Credits: 4**

And choose one additional half or full course from:

- Another course from the list above
- ST 380 - Advanced Topics in Statistics **Credits: Variable**
- MA 380 - Advanced Topics in Mathematics **Credits: Variable** (Depending on topic)

Bachelor of Science in Mathematics

For centuries mathematics has been the foundation and language of the physical sciences. In our time, mathematical models and tools have come to pervade the biological and social sciences as well. Mathematics is an art, apprehending

and creating structure and order in the universe. Mathematics is intellectually stimulating because it demands clarity and precision. Consequently, the Mathematics & Statistics Department believes that some understanding of mathematics will enhance the study of every discipline, and offers courses at a variety of levels to help all students develop their skill in mathematical reasoning.

The major is designed to encompass diverse goals ranging from applied work in science or industry to teaching or graduate study. The required courses provide a strong foundation in the principal areas of mathematics; the electives offer an opportunity to tailor the program to individual needs. Students should consult an advisor in the Mathematics & Statistics Department to design a program consistent with their aims. Mathematics majors are attractive to a wide variety of business and industrial firms, especially if the major is combined with some coursework in computer science, a natural science, economics or business; many find work in the actuarial field or as analysts in the computer or communications industry. Mathematics majors may prepare to teach at the secondary or elementary levels by simultaneously completing education courses, including a semester of student teaching, which leads to state certification. The mathematics major provides the background for graduate study in pure or applied mathematics, statistics or (with some course work in biology) biostatistics. Combined with appropriate courses in other areas, the major may also be used to prepare for professional programs such as medical school, law school or an MBA program.

Required Courses:

- MA 160 - Calculus II **Credits: 4**
- MA 211 - Calculus III **Credits: 4**
- MA 213 - Linear Algebra **Credits: 4**
- MA 240 - Proofs **Credits: 4**
- MA 401 - Real Analysis I **Credits: 4**
- MA 406 - Abstract Algebra I **Credits: 4**
- MA 410 - Seminar in Mathematics **Credits: 2**
- CS 111 - Introduction to Computer Science I **Credits: 4**

Take one of the following:

- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**

And take:

- At least two and a half Math or Statistics electives at the 200-level or above, at least one and a half must be MA.

Bachelor of Science in Statistics

Statistics as a field has experienced tremendous growth and development in the last couple of decades. There is great unfulfilled demand in the workforce for people trained in quantitative methods in general and in statistics in particular. Jobs in numerous, diverse areas increasingly utilize statistical methods in routine practice. Research across a wide spectrum of disciplines to an extent never seen before uses and relies on statistical methods and insight. It is essential that one become competent in modern quantitative methods including statistics to fully participate in and comprehend many forces and trends in our democratic society.

A major focus of statistics is understanding patterns in the world in light of inherent uncertainty. What study designs allow one to make valid conclusions about issues in society? How can one summarize complex quantitative

information and make principled inferential statements about populations? Is the available evidence sufficient for establishing a causal relationship among factors? Statistics, through its development of principles of study design and analysis, has played key roles in the development of agriculture, medicine, and surveys to inform public policy and decision making. In order to study and address many of the challenges in our society, it is necessary to have reliable, timely information. One must have the tools to summarize, investigate, and communicate important findings from the information. Statistics enables one to seek answers in creative ways to complex questions. Statistics plays a critical role in many efforts to enhance the conditions of the human person and the world.

Statistics as a field has strong traditions in probability theory, mathematical statistics, exploratory data analysis, and statistical modeling of data. These areas are included in the plans for the minor and major in Statistics. Statistics at its core utilizes principles and methods from mathematics and computational sciences. Statistical practice is informed by research in other fields. Statistical research has made important contributions to practices in areas such as clinical trials, survey sampling, and epidemiology and analysis of observational data.

Required Courses:

- Introductory Statistics (One of ST 120, ST 140, PS 213 or PO 200) **Credits 4**
- MA 160 - Calculus II **Credits: 4**
- MA 211 - Calculus III **Credits: 4**
- MA 213 - Linear Algebra **Credits: 4**
- CS 111 - Introduction to Computer Science I **Credits: 4**
- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**
- ST 410 - Seminar in Statistics **Credits: 2**

And take one of the following:

- DS 203 - Introduction to Data Science **Credits: 4**
- ST 201 - Intermediate Statistics **Credits: 4**

And take one of the following:

- DS 303 - Statistical Learning **Credits: 4**
- ST 451 - Applied Statistical Methods **Credits: 4**

And choose one additional full course from the following:

- CS 113 - Introduction to Computer Science II **Credits: 4**
- CS 211 - Data Structures and the Analysis of Algorithms **Credits: 4**
- DS 202 - Computational Methods for Data Science **Credits: 4**
- DS 203 - Introduction to Data Science **Credits: 4**
- DS 303 - Statistical Learning **Credits: 4**
- EC 391 - Introduction to Econometrics **Credits: 4**
- JS 304 - Data Visualization **Credits: 4**
- MA 207 - Discrete Mathematics **Credits: 4**
- MA 217 - Graphs, Networks, and Algorithms **Credits: 4**
- MA 240 - Proofs **Credits: 4**
- MA 401 - Real Analysis I **Credits: 4**

- ST 201 - Intermediate Statistics **Credits: 4**
- ST 351 - Applied Regression Analysis **Credits: 4**
- ST 451 - Applied Statistical Methods **Credits: 4**

And choose one half or full course from the following:

- Another course from the list above
- MA 380 - Advanced Topics in Mathematics **Credits: Variable** (Depending on topic)
- ST 380 - Advanced Topics in Statistics **Credits: Variable**

Minors

Data Science Minor

Required:

- DS 202 - Computational Methods for Data Science **Credits: 4**
- DS 203 - Introduction to Data Science **Credits: 4**

Choose one:

- CS 109 - Computer Science for Engineering **Credits: 4**
- CS 111 - Introduction to Computer Science I **Credits: 4**

Choose one:

- ST 120 - Elementary Statistics **Credits: 4**
- ST 140 - Biological Data & Statistics **Credits: 4**
- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**
- PS 213 - Psychological Statistics **Credits: 4**
- PO 200 - Research Methods **Credits: 4**

And choose one:

- DS 303 - Statistical Learning **Credits: 4**
- Any Computer Science course **Credits: 4**
- Statistics at the 200-level or higher **Credits: 4**
- ST 101 - Reasoning with Data and Chance **Credits: 4**
- JS 304 - Data Visualization **Credits: 4**
- MA 130 - Elements of Calculus **Credits: 4** (with a grade of B or better)
- MA 150 or higher **Credits: 4**

Mathematics Minor

Required:

- MA 211 - Calculus III **Credits: 4**
- MA 213 - Linear Algebra **Credits: 4**

Choose two mathematics courses at the MA 150 level or above.

And choose one additional course:

- Any statistics course at the ST 220 level or above
- Any additional mathematics course at the MA 150 level or above

Statistics Minor

Required:

- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**

Choose one:

- ST 120 - Elementary Statistics **Credits: 4**
- ST 140 - Biological Data & Statistics **Credits: 4**
- PO 200 - Research Methods **Credits: 4**
- PS 213 - Psychological Statistics **Credits: 4**

Choose one:

- DS 203 - Introduction to Data Science **Credits: 4**
- ST 201 - Intermediate Statistics **Credits: 4**
- ST 351 - Applied Regression Analysis **Credits: 4**
- ST 451 - Applied Statistical Methods **Credits: 4**

And choose one additional course:

- Any Computer Science Course **Credits: 4**
- Any Data Science Course **Credits: 4**
- MA 150 or higher **Credits: 4**
- Any Statistics Course at the 200-level or higher **Credits: 4**
- EC 391 - Introduction to Econometrics **Credits: 4**
- MA 130 - Elements of Calculus **Credits: 4** (Grade of B or better)
- JS 304 - Data Visualization **Credits: 4**
- ST 101 - Reasoning with Data and Chance **Credits: 4**

Medieval and Early Modern Studies

Program Contact:

Kerry Shea (English)

Affiliated Faculty:

Raymond Patterson (Religious Studies)

The Medieval and Early Modern Studies minor is an interdisciplinary program that offers students the opportunity to explore the development of European culture and society from the fifth through the fifteenth centuries. The student will examine the Middle Ages by studying a variety of disciplines, including classical studies, history, the fine arts, literature, philosophy, and religious studies. Many courses also devote significant attention to Byzantine and Islamic history and culture.

Minor

Medieval and Early Modern Studies Minor

The Medieval and Early Modern Studies minor is intentionally interdisciplinary. No more than two (2) courses from any department will count towards the minor.

Required:

Choose one:

- HI 108 - Medieval World **Credits: 4**
- HI 175 - World History I: Beginnings to 1500 **Credits: 4**
- HU 101 - Ancient and Medieval Civilization **Credits: 4**

Choose one:

- AH 347 - Saints, Kings and Barbarians **Credits: 4**
- RS 217 - Medieval Christianity **Credits: 4**
- RS 339 - Celtic Christianity **Credits: 4**
- RS 340 - Saints and Holiness **Credits: 4**

And choose three courses:

Choose three courses from at least two different departments. Two of those three must be at the 300- or 400-level.

Classics

- LA 101 - Elementary Latin 1 **Credits: 4**
- LA 102 - Elementary Latin 2 **Credits: 4**
- LA 310 - Directed Readings in Latin Literature **Credits: 4** (if focus is Medieval)

English

- EN 200 - British Literature to 1789 **Credits: 4**
- EN 290 - Cultures **Credits: 4** (When topic is Medieval or Early Modern)
- EN 326 - Old English **Credits: 4**
- EN 330 - Tolkien and Medievalism **Credits: 4**
- EN 335 - Shakespeare **Credits: 4**
- EN 390 - Topics in Literature **Credits: 4** (When focus is Medieval or Early Modern)

Fine Arts

- AH 251 - Ancient and Medieval Art **Credits: 4**
- AH 280 - Culture and Society in Medieval Burgundy **Credits: 4**
- AH 347 - Saints, Kings and Barbarians **Credits: 4**
- AH 348 - Castles and Cathedrals: Art of the High Middle Ages **Credits: 4**
- MU 222 - Medieval and Renaissance Music **Credits: 4**

History

- HI 108 - Medieval World **Credits: 4**
- HI 175 - World History I: Beginnings to 1500 **Credits: 4**
- HI 343 - Advanced Topics in Medieval History **Credits: 4**
- HI 345 - The Black Death **Credits: 4**
- HI 461 - Society and Culture in Medieval Italy **Credits: 4**

Humanities

- HU 101 - Ancient and Medieval Civilization **Credits: 4**

Modern Languages

- FR 315 - Topics in French Culture **Credits: 4** (if focus is Medieval)

Philosophy

- PH 207 - Philosophy of Religion **Credits: 4** (When focus is Medieval or Early Modern)
- PH 309 - Author/Text - Ancient **Credits: 4**
- PH 319 - Major Author/Text:Medieval Christian **Credits: 4**
- PH 321 - History of Early Modern Philosophy **Credits: 4**
- PH 350 - Advanced Topics in Philosophy **Credits: 4** (if focus is Medieval or Early Modern)

Religious Studies

- RS 217 - Medieval Christianity **Credits: 4**
- RS 339 - Celtic Christianity **Credits: 4**
- RS 340 - Saints and Holiness **Credits: 4**
- RS 350 - Advanced Topics in Religious Studies **Credits: 4** (if focus is Medieval or Early Modern)

Neuroscience

Program Director: Associate Professor Ruth Fabian-Fine (Biology)

Affiliated Faculty:

Crystal L'Hôte (Philosophy)

Anthony Richardson (Psychology)

Adam Weaver (Biology)

Melissa VanderKaay Tomasulo (Psychology)

The human brain is one of the most complex structures in the entire universe. It is also the only organ that can study itself! Neuroscience is an interdisciplinary field of scientific inquiry that draws from many academic disciplines including biology, chemistry, philosophy, and psychology. Studying Neuroscience at Saint Michael's allows you to thoughtfully contemplate the moral, ethical, and philosophical implications of neuroscience on society and the world. Through hands-on laboratory experiences and course discussions, you can build on this intellectual foundation by investigating such topics as the development of the brain and nervous system and their related structures, processes, and functions, as well as enhance your knowledge of various cognitive, physical, and behavioral processes that can facilitate or hinder nervous system health.

As a Neuroscience major you will investigate the brain and nervous system by focusing on multidisciplinary aspects of neuroscience through courses in Biology, Psychology, and Philosophy, including a Neuroscience senior capstone course. Majors share a similar program of six required core courses, but can focus their study in different directions (e.g., behavioral or cellular) through electives at the intermediate level and in senior study. These elective courses will provide fundamental knowledge and techniques in Biology and Psychology that apply to the field of neuroscience and its broader scientific context. You will further gain important skills in analytical techniques, reading and evaluating scientific literature, and written and oral communication in the sciences.

Neuroscience Major Learning Outcomes

1. Students should demonstrate a proficiency of the structure and function of the nervous system at various levels of organization.
2. Students should develop critical thinking skills to formulate scientific questions.
3. Students should understand how to construct testable hypotheses and design and execute investigations that contribute to neuroscience.
4. Students should engage in laboratory investigations that focus on neuroscience.
4. Students should communicate results of scientific investigations effectively to scientific and non-scientific audiences in both the oral and written form.
5. Students should develop awareness of the philosophical, moral, and ethical issues raised by neuroscience and be able to evaluate arguments critically.

Bachelor of Science in Neuroscience

If you score a 4 or 5 on the Biology AP test, you can apply those credits toward your graduation requirements, but students majoring in neuroscience are required to take either Introduction to Ecology and Evolution (BI 151) or Introduction to Health Sciences (BI 152), and Introductory Cell Biology and Genetics (BI 153). The project-driven nature of these courses is very important in preparing students for the upper-level biology classes.

If you score a 4 or 5 on the Psychology AP test, you can apply those credits toward your graduation requirements as well as the General Psychology (PS 101) requirement within the Neuroscience major.

Students who major in Neuroscience may not double-major or minor in either Biology or Psychology, or double-major in Biochemistry or Health Science due to the overlapping nature of the course requirements.

Required Courses:

- BI 151 - Introduction to Ecology and Evolution **Credits: 4**
OR BI 152 Introduction to Health Science **Credits: 4**
- BI 153 - Introductory Cell Biology and Genetics **Credits: 4**
- PH 362 - Philosophy of Mind and Neuroethics **Credits: 4**
- BI 318 - Cellular/Molecular Neuroscience **Credits: 4**
OR BI 320 Neuroscience: Physiology/Behavior **Credits: 4**
- PS 101 - General Psychology **Credits: 4**
- PS 274 - Behavioral Neuroscience **Credits: 4**
- NS 410 - Neuroscience Senior Seminar **Credits: 4**

Take One:

- BI 205 - Communications in the Biological Sciences **Credits: 4**
- PS 215 - Research Methods **Credits: 4**

Take One:

- PS 213 - Psychological Statistics **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4**
- ST 140 - Biological Data & Statistics **Credits: 4**

And take the following two science cognate courses:

- CH 110 - General Chemistry I **Credits: 4**
- CH 117 - Organic Chemistry I **Credits: 4**

Take two Natural Science:

- BI 207 - Human Anatomy and Physiology I **Credits: 4**
- BI 219 - Human Anatomy and Physiology II **Credits: 4**
- BI 223 - Molecular Genetics **Credits: 4**
- BI 225 - Cell Biology **Credits: 4**
- BI 318 - Cellular/Molecular Neuroscience **Credits: 4** OR BI 320 Neuroscience: Physiology/Behavior **Credits: 4** (whichever course was not previously taken)
- BI 319 - Toxicology **Credits: 4**
- BI 345 - Developmental Biology **Credits: 4**
- BI 365 - Immunology and Parasitology **Credits: 4**

Take two Social Science: (one must be 300-level)

- PS 270 - Cognitive Psychology **Credits: 4**
- PS 272 - Psychology of Animal Learning and Behavior **Credits: 4**
- PS 308 - Spatial Cognition **Credits: 4**
- PS 310 - Drugs and Behavior **Credits: 4**

- PS 312 - Perception **Credits: 4**
- PS 317 - The Thinking Child **Credits: 4**
- PS 350 - Psychology of Health and Illness **Credits: 4**

Note:

Students planning post-baccalaureate programs or graduate school should discuss other cognate course options with their advisor or the Program Director.

Other Programs and Certificates

Certificates

Emergency Management Certificate

Required Courses:

- EM 101 - Fundamentals of Emergency Management **Credits: 2**
- EM 102 - Emergency Management and Government **Credits: 2**
- EM 201 - Emergency Management Field Study **Credits: 2**
- EM 210 - Emergency Management Exercise Capstone **Credits: 2**

Other Programs

Army Reserve Officer Training Corps (ROTC) Program

Army ROTC is offered to Saint Michael's College students through partnership with the University of Vermont. The Army ROTC program offers young men and women the opportunity to develop leadership and management skills leading to an officer commission as a Second Lieutenant in the United States Army, Army Reserves, or Army National Guard. Students are continuously mentored by experienced Army officers and non-commissioned officers on the leadership and management skills that will be required of them in the twentyfirst century through a combination of classroom, computer Internet research, laboratory and field training.

The four-year Military Studies program consists of a two-year Basic Course (first and sophomore years) and a two-year Advanced Course (junior and senior years).

The **Basic Course** is designed to introduce interested students to the Army, the role of an Army officer, and basic military skills. Other than for Army ROTC scholarship students, the Basic Course incurs no military obligation. Students survey Army opportunities and decide whether to continue on to the Advanced Course and an Army commission as a Second Lieutenant. Basic Course classes are conducted on the University of Vermont campus or nearby Camp Johnson.

The **Advanced Course** is open to qualified junior and senior students who have either successfully completed the Army ROTC Basic Course, the Army ROTC Basic Camp, or Army Basic Training and Advanced Individual Training. The course is designed to prepare students for a career as an Army officer. Students are required to successfully complete a thirty-five day Army ROTC Advanced Camp the summer following their junior year. Upon completion of

the Advanced Course and a bachelor's degree, graduates are commissioned as Second Lieutenants in the U.S. Army, Army Reserves, or Army National Guard.

Basic Course Offerings

- MS 1110 Introduction to ROTC and the U.S. Army (1 credit)
- MS 1120 Introduction to Military Skills and Followership (1 credit)
- MS 1210 Leadership and Team Development (2 credits)
- MS 1220 Individual and Team Leading (2 credits)
- MS 210 ROTC Basic Camp "Camp Challenge" (no credit)

Advanced Course Offerings

- MS 2131 Leading and Training Small Organizations (3 credits)
- MS 2132 Leading and Managing Small Organizations (3 credits)
- MS 310 ROTC Advanced Camp (no credit)
- MS 3241 Leadership Challenges and Goal Setting (3 credits)
- MS 3242 Lead Organizations Ethically and Competently (3 credits)

Additional Information

For individual course descriptions and prerequisites please contact the Army ROTC Program director at the University of Vermont 802.656.2966. Scholarship and financial aid information can be found in the Financial Aid section.

Peace and Justice

Program Director: Associate Professor Raymond Patterson, Religious Studies

Affiliated Faculty:

Katherine Kirby (Philosophy)

Patricia Siplon (Political Science)

The peace and justice minor is an interdisciplinary program of study designed to prepare students to be responsible critics of contemporary society and effective agents of social transformation. A values-based minor, the core courses of Peace and Justice Studies incorporate a method of analysis which is informed by the common moral teachings of the great world religions and, in particular, the tradition of Catholic social teaching. Students may choose elective courses from a variety of fields, including Political Science, Philosophy, and Religious Studies. Reflecting the charism of the Edmundites, the service-oriented religious order that founded Saint Michael's College, many Peace and Justice courses have a service-learning component.

Minor

Peace and Justice Minor

Required:

- PJ 101 - Approaches to Peace **Credits: 4**
- RS 236 - Christian Social Ethics **Credits: 4**

Choose one:

- PJ 410 - Advanced Integrations **Credits: 4**
- PJ 499 - (INT) Internship **Credits: Variable**

And choose two (one must be at 300-level):

- ANT 217 - Social Inequalities **Credits: 4**
 - ANT 333 - Anthropology of Refugees **Credits: 4**
 - ANT 355 - Anthropology of International Development **Credits: 4**
 - EC 321 - Economics of Development and Poverty **Credits: 4**
 - ES 306 - Environmental Justice **Credits: 4**
 - GL 340 - Preparation for International Service **Credits: 2**
- And
- GL 341 - A Study in Solidarity: Guyana **Credits: 2**
 - HI 363 - Race, Class, and Gender in the Atlantic World **Credits: 4**
 - HI 414 - African Slavery in the Atlantic World **Credits: 4**
 - PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
 - PH 335 - Feminist Philosophy **Credits: 4**
 - PJ 205 - Theories of Conflict Resolution **Credits: 4**
 - PJ 499 - (INT) Internship **Credits: Variable**
 - PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**
 - PO 340 - Social Movements and Contentious Politics **Credits: 4**
 - PO 350 - State Violence and Justice **Credits: 4**
 - PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
 - PO 286 - Politics of the World Economy **Credits: 4**
 - PO 371 - Feminist Political Thought **Credits: 4**
 - PO 390 - Comparative Politics of Racism **Credits: 4**
 - RS 239 - Religion, Ecology and Ethics **Credits: 4**
 - SO 107 - Social Problems **Credits: 4**
 - SO 221 - Race and Ethnic Relations **Credits: 4**
 - SO 318 - Restorative Justice **Credits: 4**

Philosophy and Ethics

Faculty

Chair: Associate Professor Crystal L'Hote

Associate Professors: Katherine E. Kirby, R. Michael Olson

Visiting Assistant: Keir Willette

Instructor: Michaela Tiller

Philosophy, as the love of wisdom, is the intellectual discipline that reflects on the whole range of human theoretical and practical endeavors in light of the most fundamental questions raised by human reason, those questions having to do with the highest, the most important, and most universal things. In a word, to think philosophically about any

subject matter is to bring the whole of being into play in thinking about it. It is to step back from the commonly accepted meanings of one's everyday world in order to appreciate that world in a deeper and more comprehensive way. The Philosophy Department at Saint Michael's College aims to involve students in such philosophical reflection by having them engage the writings of significant philosophers and thinkers throughout the history of the Western philosophical traditions, from antiquity, through the medieval and the modern periods up to the contemporary world.

All students at Saint Michael's College are required to take one basic course in philosophy, which introduces them to the nature of philosophical thinking. In this course, students will have the opportunity to read at least one Platonic dialogue as well as other philosophical texts. After completing Introduction to Philosophy, students are encouraged to take an additional 200-level philosophy course, any of which will satisfy at least one of the Core Requirements, the Catholic Intellectual Tradition Requirement, and-or the Engaging Diverse Identities Requirement.

For those students who wish to deepen their knowledge of philosophy, we encourage them either to major or to minor in the discipline or to take as an elective any philosophy course that complements their field of study or their personal interest. While the study of philosophy is valuable for its own sake, it also serves as an excellent discipline for developing one's critical thinking skills and as an excellent complement to any other course of study a student may pursue.

Philosophy and Ethics Learning Outcomes:

Students will demonstrate knowledge of the fundamental questions about human existence and ultimate reality.
Students will demonstrate familiarity with the major currents in the history of Western Philosophy.

Students will demonstrate knowledge of diverse methodologies, their strengths and weaknesses, as well as possess a critical understanding of the very concept of "method".

Students will analyze philosophical truth claims.

Students will articulate and evaluate the values, principles and assumptions on which individual and social decisions rest.

Students will construct sustained logical arguments and anticipate counterarguments.

Students will demonstrate intellectual and inter-personal habits that enable one to participate in a (philosophical) dialogue in which different perspectives can engage one another in a way that fosters the maturation of the perspective of the participants.

Bachelor of Arts in Philosophy and Ethics

9 Full Courses Required

Required Courses:

Take an Introductory Course

- PH 103 - Philosophy and the Good Life **Credits: 4**

Choose four Philosophy and Ethics (PH) Electives

- Three courses at the 200-level or above (or approved JS course) **Credits: 12**

AND

- One course at the 300-level or above **Credits: 4**

Take two History of Philosophy courses

Ancient or Medieval

One course in either Ancient Philosophy (PH 301 - PH 309) OR Medieval Philosophy (PH 311 - PH 319)

- PH 301 - Ancient Greek Philosophy **Credits: 4**
- PH 309 - Author/Text - Ancient **Credits: 4**
- PH 319 - Major Author/Text:Medieval Christian **Credits: 4**

17th-18th Century or 19th Century to Present

One course in either 17-18th Century Philosophy (PH 321 - PH 329) OR 19th Century Philosophy to Present (PH 331 - PH 339)

- PH 321 - History of Early Modern Philosophy **Credits: 4**
- PH 327 - Modern Philosophy (EDI) **Credits: 4**
- PH 329 - Author/Text - Modern **Credits: 4**
- PH 331 - Contemporary Philosophy **Credits: 4**
- PH 333 - Contemporary Analytic Philosophy **Credits: 4**
- PH 335 - Feminist Philosophy **Credits: 4**
- PH 338 - Major Author/Text: Contemporary (Christian Philosophical Tradition) **Credits: 4**
- PH 339 - Author/Text - Contemporary **Credits: 4**

Take two Area/Topics courses

(from PH 340 - PH-399)

- PH 341 - Justice, Fairness and Mercy **Credits: 4**
- PH 350 - Advanced Topics in Philosophy **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PH 353 - Truth & Propaganda: Ethics & the Media **Credits: 4**
- PH 355 - Logic: Laws of Thought **Credits: 4**
- PH 358 - Power, Resistance, & Race **Credits: 4**
- PH 361 - Metaphysics **Credits: 4**
- PH 362 - Philosophy of Mind and Neuroethics **Credits: 4**

Senior Capstone

The Capstone Project is completed in the context of a 300-level course chosen in consultation with an academic advisor. The Capstone is not an additional course. Exceptional students may satisfy this requirement by taking *PH-489: Independent Thesis*.

Minors

Philosophy and Ethics Minor

Required:

- PH 103 - Philosophy and the Good Life **Credits:** 4

And choose four additional Philosophy electives:

- Any two at the 200-level or above (or approved JS courses) **Credits:** 8
- Any two at the 300-level or above **Credits:** 8

Physics

Faculty:

Chair: Professor Alain Brizard

Lab Coordinator/Instructor: Patricia Bunt

Physics concerns itself with the deduction and establishment of the principles which underlie the observable phenomena of the physical universe. For students whose curiosity about physical phenomena guides them to a career in physics, the physics department offers courses to prepare them for graduate school, teaching, or industry. Other students interested in science will find that courses offered above the elementary level enrich erudition in their own concentrations.

Mathematics is the language of physics. Students must have a mathematical ability commensurate with the physics content of the course if they expect to master the material.

Physics Learning Outcomes:

Students will demonstrate:

Effective communication skills (oral and written)

Critical thinking

Quantitative analysis & problem solving

Computer & information literacy

Laboratory skills

Ability to conduct independent research

Foundations in scientific ethics

Bachelor of Science in Physics

Required Courses:

- MA 150 - Calculus I **Credits: 4**
- MA 160 - Calculus II **Credits: 4**
- MA 211 - Calculus III **Credits: 4**
- MA 303 - Differential Equations **Credits: 4**
- PY 210 - College Physics I **Credits: 4**
- PY 211 - College Physics II **Credits: 4**
- PY 214 - Modern Physics **Credits: 4**
- PY 217 - Mathematical Physics **Credits: 4**
- PY 302 - Electricity and Magnetism **Credits: 4**
- PY 309 - Advanced Lab **Credits: 4**
- PY 310 - Junior Seminar Part I **Credits: 1**
- PY 311 - Junior Seminar Part II **Credits: 1**
- PY 315 - Classical Mechanics **Credits: 4**
- PY 407 - Thermal Physics **Credits: 4**
- PY 410 - Senior Seminar Part I **Credits: 1**
- PY 411 - Senior Seminar Part II **Credits: 1**
- PY 414 - Quantum Mechanics **Credits: 4**

And:

- Take one Physics elective. (examples: astrophysics, Nuclear and Particle physics, Biophysics)

Minor

Physics Minor

Required:

- PY 210 - College Physics I **Credits: 4**
- PY 211 - College Physics II **Credits: 4**
- PY 214 - Modern Physics **Credits: 4**
- PY 217 - Mathematical Physics **Credits: 4**

And choose one 300- or 400-level Physics course:

- PY 302 - Electricity and Magnetism **Credits: 4**
- PY 309 - Advanced Lab **Credits: 4**
- PY 315 - Classical Mechanics **Credits: 4**
- PY 353 - Astrophysics **Credits: 4**
- PY 407 - Thermal Physics **Credits: 4**
- PY 414 - Quantum Mechanics **Credits: 4**
- PY 420 - Advanced Topics in Physics **Credits: 4**

Political Science and International Relations

Faculty

Chair: Professor Jeffrey Ayres

Professors: Michael Bosia, Patricia Siplon

Associate Professor: Shefali Misra

Assistant Professor: Stephon Boatwright

Political science is the study of how humans live collectively—how individuals organize themselves into social structures and how they make decisions concerning their common destiny. International relations—a branch of political science—is concerned with similar questions of power and structure, especially as connected to issues of state and non-state interaction at the international level. As students of politics and international relations, we seek to understand the structures and processes of government on both the local and the national levels, as well as the relations among states on the world stage. Our focus, however, is broader than the formal institutions of government or global governance. Many social entities—including interest groups, corporations, media and even other states—influence the allocation of values and goods in a society and between states. Hence, civic and economic organizations are also within the purview of political science and international relations. Finally, politics and international relations are inherently normative enterprises, involving questions about the nature of justice, how individuals should treat each other, and what it means to live a good life in the context of a political or international society. Thus, we are also concerned with the "oughts" and "shoulds" of political and international life.

The Political Science and International Relations department offers both a major and a minor in political science and a major in international relations. The goal of the Political Science and International Relations department is to prepare students for the demands of active citizenship, ideally at the local, national and international levels. Upon graduation, political science and international relations majors enter a variety of fields, including business, law, education, journalism, the non-profit sector, diplomacy, international development, and the public service.

Study Abroad—The Political Science and International Relations department encourages, but does not require, its students to take advantage of the opportunities to study abroad (the international relations major does require an international practicum that might include study abroad). Courses outside the majors and electives in political science and international relations may be transferred for credit, with the permission of the Chair of the department and the Office of the Registrar of the College. Required political science and international relations courses should be taken on campus. Students should plan carefully for a semester abroad, so they do not jeopardize their timely graduation. Recent political science majors have gone to Australia, Fiji, New Zealand, Denmark, Italy, Japan, Chile, Argentina, France, Ghana, Great Britain, Ireland, Kenya, Mexico, Russia, South Africa, Tanzania, and Spain.

The Washington Semester Program—An alternative to international study is a semester in Washington, D.C., under the auspices of American University's Washington Semester Program. Although there are several courses of study available through this popular program, students typically take seminars on issues in government or the public policy process, and work in internships in government agencies or legislative offices. As with international study, careful planning in coordination with one's academic advisor and the Study Abroad Office is essential.

Global Citizenship International Internship Program—Additionally, students might consider participating in the College's Global Citizenship International Internship Program, funded generously by the Freeman Foundation. This campus program supports students who wish to participate in an eight-week summer international internship placement in Asia. In addition to invaluable workplace experience and the opportunity to develop life-long global competencies, students earn four credits through the accompanying academic portion of the internship experience.

LEARNING OUTCOMES:

Students who receive a B.A. in Political Science will:

- Understand key concepts and concerns in political science including notably the way power is acquired and exercise at the state and/or national levels and international levels
- Illustrate a broad understanding of the four major subfields of political science, including American politics, international relations, comparative politics and political

- Become conversant in current political events through a close reading of the news and interpretation of events through political science theories and concepts
- Develop the ability to evaluate and synthesize information from diverse and reliable sources, identifying and differentiating between primary and secondary source material
- Bring research skills to bear on a specific issue related to politics, producing a research paper, opinion paper, personal reflection or analytical essay
- Exhibit familiarity with qualitative and quantitative research methods by students of political science to pose and answer questions and conduct research
- Effectively develop a logical argument and justify a position through written and oral presentations and demonstrate the ability to read and question original research and theoretical writings
- Understanding of the relationship between personal ethics, individual decision-making and public outcomes at the national and international levels

Students who receive a B.A. in International Relations will:

- Understand key concepts and concerns in international relations, including notably the way power is acquired and used globally and how states and non-state actors interact
- Demonstrate an appreciation for the practice of comparative political inquiry, and an understanding of institutions of American government or traditions of Western and non-Western political thought
- Become familiar with contemporary theories of international relations to use as lenses to differently explain outcomes and events in world affairs
- Become conversant in current international events through a close reading of the news and interpretation of events through international relations theories and concepts
- Develop the ability to evaluate and synthesize information from diverse and reliable sources, identifying and differentiating between primary and secondary source material
- Bring research skills to bear on a specific issue related to international affairs, producing a research paper, opinion paper, personal reflection or analytical essay
- Exhibit familiarity with research methods by students of international relations and political science to pose and answer questions and conduct research
- Effectively develop a logical argument and justify a position through written and oral presentations and demonstrate the ability to read and question original research and theoretical writings
- Engage in an international practicum—study abroad or international internship—that enhances global citizenship and cultural competency
- Understanding of the relationship between personal ethics, individual decisions and public outcomes at the national and international levels

Bachelor of Arts in International Relations

Required Courses:

- PO 200 - Research Methods **Credits: 4**
- PO 245 - Introduction to International Relations **Credits: 4**
- PO 285 - Introduction to Comparative Politics **Credits: 4**
- PO 286 - Politics of the World Economy **Credits: 4**
- PO 348 - U.S. Foreign Policy **Credits: 4**
- PO 410 - Senior Seminar in Political Science **Credits: 4** (must be international relations themed)

And one of the following:

- PO 261 - European Political Thought **Credits: 4**

- PO 371 - Feminist Political Thought **Credits: 4**

Political Science International Relations/ Comparative Politics Electives:

Take three additional political science international relations/comparative politics-themed electives, at least one of which must be at the 300 level or higher.

- PO 222 - Careers in Politics **Credits: 4**
- PO 255 - Health Policy **Credits: 4**
- PO 290 - Canadian Government and Politics **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**
- PO 299 - Identity in Politics **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**
- PO 340 - Social Movements and Contentious Politics **Credits: 4**
- PO 350 - State Violence and Justice **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- PO 358 - Global Environmental Politics **Credits: 4**
- PO 360 - Film and Politics **Credits: 4**
- PO 365 - Multiculturalism in Theory and Practice **Credits: 4**
- PO 371 - Feminist Political Thought **Credits: 4**
- PO 385 - European Politics **Credits: 4**
- PO 390 - Comparative Politics of Racism **Credits: 4**

Breadth or Area Courses:

Take three international relations-themed courses in the following thematic categories, at least two of which must be at the 200 level or higher. Concentrations emphasize intentional themes, but students are free to take three breadth courses in any of the categories.

Development and Sustainability

- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- ANT 217 - Social Inequalities **Credits: 4**
- ES 106 - Environment and Society **Credits: 4**
- ES 225 - Food Systems & Sustainable Agriculture **Credits: 4**
- ES 306 - Environmental Justice **Credits: 4**
- ES 310 - Environmental Hazards **Credits: 4**
- ES 327 - Environmental Policy **Credits: 4**
- ES 243 - Environmental Study of Sustainable Places **Credits: 2** & ES 244 - Environmental Study of Sustainable Places - Wales Field Trip **Credits: 2**
- GG 207 - Economic Geography **Credits: 4**
- GG 211 - Water Resources **Credits: 4**
- PO 243 - Environmental Study of Sustainable Places **Credits: 2** & PO 244 - Environmental Study of Sustainable Places - Wales Field Trip **Credits: 2**
- SO 215 - Social Determinants of Health **Credits: 4**

Domestic and Global Economy and Business

- BU 271 - International Business **Credits: 4**
- BU 319 - International Finance **Credits: 4**
- BU 443 - International Marketing **Credits: 4**
- EC 101 - Principles of Macroeconomics **Credits: 4**
- EC 103 - Principles of Microeconomics **Credits: 4**
- EC 215 - World Economies **Credits: 4**
- EC 317 - International Economics **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- GG 207 - Economic Geography **Credits: 4**
- JS 325 - Economics of Health Care **Credits: 4**

Human Values, Culture and Communication

- AL 101 - Introduction to Language and Linguistics **Credits: 4**
- AL 250 - Intercultural Communication **Credits: 4**
- AM 229 - Introduction to Cuban Literature and Culture **Credits: 4**
- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- ANT 217 - Social Inequalities **Credits: 4**
- ANT 333 - Anthropology of Refugees **Credits: 4**
- ANT 341 - Anthropology of Mental Health **Credits: 4**
- DMC 250 - Global Communication **Credits: 4**
- FR 313 - Topics in Francophone Culture **Credits: 4**
- FR 315 - Topics in French Culture **Credits: 4**
- FR 341 - Readings in French Literature (CIT) **Credits: 4**
- JS 305 - The Politics of Queer Cinema **Credits: 4**
- JS 310 - A Case for Reparations? **Credits: 4**
- JS 314 - Radical Love, Liberation, & Justice **Credits: 4**
- JS 316 - Medicine, Environment, and the Body **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- RS 221 - World Christianity **Credits: 4**
- RS 240 - Christianity and World Religions in Dialogue **Credits: 4**
- RS 317 - Judaism **Credits: 4**
- RS 319 - Islam **Credits: 4**
- RS 323 - Hinduism **Credits: 4**
- RS 325 - Buddhism **Credits: 4**
- SO 215 - Social Determinants of Health **Credits: 4**
- SP 313 - Topics in Latin American Culture **Credits: 4**
- SP 315 - Topics in Spanish Culture **Credits: 4**
- SP 330 - Spanish/Latin American Film **Credits: 4**
- SP 335 - Readings in Latin American Literature **Credits: 4**
- SP 340 - Readings in Spanish Literature **Credits: 4**
- SP 345 - Poetry in Spanish **Credits: 4**

Regions and History

- FR 313 - Topics in Francophone Culture **Credits: 4**
- FR 315 - Topics in French Culture **Credits: 4**

- GG 101 - Introduction to Human Geography **Credits: 4**
- GG 205 - Political Geography **Credits: 4**
- GG 207 - Economic Geography **Credits: 4**
- GG 211 - Water Resources **Credits: 4**
- HI 105 - Early Modern Europe **Credits: 4**
- HI 107 - Modern Europe **Credits: 4**
- HI 163 - Modern Latin America **Credits: 4**
- HI 397 - Advanced Topics in Modern European History **Credits: 4**
- HI 465 - Advanced Topics in Modern Latin American History **Credits: 4**
- JS 301 - Land, Sea, Sky **Credits: 4**
- JS 303 - A Nation Inside and Out **Credits: 4**
- JS 310 - A Case for Reparations? **Credits: 4**
- JS 319 - Troubled Democracy **Credits: 4**
- SP 313 - Topics in Latin American Culture **Credits: 4**
- SP 315 - Topics in Spanish Culture **Credits: 4**
- SP 330 - Spanish/Latin American Film **Credits: 4**
- SP 335 - Readings in Latin American Literature **Credits: 4**
- SP 340 - Readings in Spanish Literature **Credits: 4**

Other Requirements:

1. Foreign Language Component: In Spanish or French, must achieve the equivalent of 206 level or higher. In other languages, must achieve the equivalent of 203 level or higher.
2. International Relations Practicum: must participate in an international-relations themed study abroad/faculty-led study away experience, an international relations-themed internship (Vermont Council on World Affairs, Vermont Refugee Resettlement Program, etc.) or alternative international relations experiential learning activity (MOVE international service trip, etc.).

Bachelor of Arts in Political Science

Required Courses:

- PO 120 - Introduction to U.S. Politics **Credits: 4**
- PO 200 - Research Methods **Credits: 4**
- PO 245 - Introduction to International Relations **Credits: 4**
- PO 261 - European Political Thought **Credits: 4**
- PO 285 - Introduction to Comparative Politics **Credits: 4**
- PO 410 - Senior Seminar in Political Science **Credits: 4**

And take:

- Five full political science electives, at least two at the 300-level.

And choose one:

- An academic internship or other related applied or practicum experience, as approved in consultation with the department chair
- A minor
- A second major

Minors

International Relations Minor

Required:

- PO 245 - Introduction to International Relations **Credits: 4**
- PO 285 - Introduction to Comparative Politics **Credits: 4**

Choose one:

- PO 286 - Politics of the World Economy **Credits: 4**
- PO 348 - U.S. Foreign Policy **Credits: 4**

Choose two:

Take any two full courses from the Comparative Politics/International Relations electives list or the International Relations-themed Breadth or Area Courses for the International Relations major (listed below) OR one course from the lists below and any one of the following:

- A third course in a foreign language (above 102 level)
- Any faculty-led international academic study trip or international academic internship (totaling four credits)
- Any four-credit course taken while studying abroad (dependent on approval for transfer by the department chair to satisfy the IR minor)

Comparative Politics/International Relations electives list:

- PO 222 - Careers in Politics **Credits: 4**
- PO 255 - Health Policy **Credits: 4**
- PO 286 - Politics of the World Economy **Credits: 4** (if not already used above)
- PO 290 - Canadian Government and Politics **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**
- PO 299 - Identity in Politics **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**
- PO 340 - Social Movements and Contentious Politics **Credits: 4**
- PO 348 - U.S. Foreign Policy **Credits: 4** (if not already used above)
- PO 350 - State Violence and Justice **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- PO 358 - Global Environmental Politics **Credits: 4**
- PO 360 - Film and Politics **Credits: 4**
- PO 365 - Multiculturalism in Theory and Practice **Credits: 4**

- PO 371 - Feminist Political Thought **Credits: 4**
- PO 385 - European Politics **Credits: 4**
- PO 390 - Comparative Politics of Racism **Credits: 4**

International Relations-themed Breadth or Area Courses:

- AL 101 - Introduction to Language and Linguistics **Credits: 4**
- AL 250 - Intercultural Communication **Credits: 4**
- AM 229 - Introduction to Cuban Literature and Culture **Credits: 4**
- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- ANT 217 - Social Inequalities **Credits: 4**
- ANT 333 - Anthropology of Refugees **Credits: 4**
- ANT 341 - Anthropology of Mental Health **Credits: 4**
- BU 271 - International Business **Credits: 4**
- BU 319 - International Finance **Credits: 4**
- BU 443 - International Marketing **Credits: 4**
- DMC 250 - Global Communication **Credits: 4**
- EC 101 - Principles of Macroeconomics **Credits: 4**
- EC 103 - Principles of Microeconomics **Credits: 4**
- EC 215 - World Economies **Credits: 4**
- EC 317 - International Economics **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- ES 106 - Environment and Society **Credits: 4**
- ES 225 - Food Systems & Sustainable Agriculture **Credits: 4**
- ES 243 - Environmental Study of Sustainable Places **Credits: 2** & ES 244 - Environmental Study of Sustainable Places - Wales Field Trip **Credits: 2**
- ES 306 - Environmental Justice **Credits: 4**
- ES 310 - Environmental Hazards **Credits: 4**
- ES 327 - Environmental Policy **Credits: 4**
- FR 313 - Topics in Francophone Culture **Credits: 4**
- FR 315 - Topics in French Culture **Credits: 4**
- FR 341 - Readings in French Literature (CIT) **Credits: 4**
- HI 105 - Early Modern Europe **Credits: 4**
- HI 107 - Modern Europe **Credits: 4**
- HI 163 - Modern Latin America **Credits: 4**
- HI 397 - Advanced Topics in Modern European History **Credits: 4**
- HI 465 - Advanced Topics in Modern Latin American History **Credits: 4**
- JS 301 - Land, Sea, Sky **Credits: 4**
- JS 303 - A Nation Inside and Out **Credits: 4**
- JS 305 - The Politics of Queer Cinema **Credits: 4**
- JS 310 - A Case for Reparations? **Credits: 4**
- JS 314 - Radical Love, Liberation, & Justice **Credits: 4**
- JS 316 - Medicine, Environment, and the Body **Credits: 4**
- JS 319 - Troubled Democracy **Credits: 4**
- JS 325 - Economics of Health Care **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**

- PO 243 - Environmental Study of Sustainable Places **Credits: 2** & PO 244 - Environmental Study of Sustainable Places - Wales Field Trip **Credits: 2**
- RS 221 - World Christianity **Credits: 4**
- RS 240 - Christianity and World Religions in Dialogue **Credits: 4**
- RS 317 - Judaism **Credits: 4**
- RS 319 - Islam **Credits: 4**
- RS 323 - Hinduism **Credits: 4**
- RS 325 - Buddhism **Credits: 4**
- SO 215 - Social Determinants of Health **Credits: 4**
- SP 313 - Topics in Latin American Culture **Credits: 4**
- SP 315 - Topics in Spanish Culture **Credits: 4**
- SP 330 - Spanish/Latin American Film **Credits: 4**
- SP 335 - Readings in Latin American Literature **Credits: 4**
- SP 340 - Readings in Spanish Literature **Credits: 4**
- SP 345 - Poetry in Spanish **Credits: 4**

Political Science Minor

Required:

- PO 120 - Introduction to U.S. Politics **Credits: 4**
- PO 261 - European Political Thought **Credits: 4**

Choose one:

- PO 245 - Introduction to International Relations **Credits: 4**
- PO 285 - Introduction to Comparative Politics **Credits: 4**

And choose any two elective Political Science courses.

Pre-Pharmacy

Program Director:

Associate Professor Shane Lamos

Saint Michael's College has partnered with the Albany College of Pharmacy and Health Sciences to provide students with a pathway toward two degrees: a B.S. in Pre-Pharmacy, and a Doctor of Pharmacy. The usual length of time for the two degrees is eight years of study, but this joint program makes it possible to complete in seven. Students spend the first three years at Saint Michael's, then if they qualify for admission, they begin coursework at ACPHS in the fourth year. The SMC degree is awarded after one or two years at ACPHS. If for any reason the student does not matriculate at ACPHS, the program has been structured so that the student can successfully complete a Biology major at Saint Michael's College in the fourth year of study.

Bachelor of Science in Pre-Pharmacy

Required Courses:

For successful transfer to the Albany College of Pharmacy and Health Sciences (Vermont campus), students must complete at least 60 credits at Saint Michael's College with an overall minimum GPA of 3.0 (only grades of C or above will count towards the 60 credits). In addition to the courses below, students must also successfully complete an interview and writing assessment at ACPHS, and successfully complete the PCAT exam. ACPHS requires that the Global Issues Requirement be met with a course in the History or English department.

- BI 151 - Introduction to Ecology and Evolution **Credits: 4**
- BI 153 - Introductory Cell Biology and Genetics **Credits: 4**
- BI 205 - Communications in the Biological Sciences **Credits: 4**
- BI 230 - General Microbiology **Credits: 4**
- CH 110 - General Chemistry I **Credits: 4**
- CH 117 - Organic Chemistry I **Credits: 4**
- CH 207 - Organic Chemistry II **Credits: 4**
- CH 208 - General Chemistry II **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4**
- MA 150 - Calculus I **Credits: 4**
- PS 101 - General Psychology **Credits: 4**

Take set of Physics:

- PY 210 - College Physics I Full course (recommended)
- PY 211 - College Physics II Full course (recommended)

OR

- PY 220 - General Physics I Full course
- PY 221 - General Physics II Full course

And:

- Take one 200-level Biology course.

Psychology

Faculty

Chair: Associate Professor Renee Carrico

Professors: Sarah Hastings

Associate Professors: Anthony Richardson, Melissa VanderKaay Tomasulo

Assistant Professor: Sarah Nosek

Instructor: Melissa McDuffie

The mission of the Psychology Department is to promote curiosity and passion for the theory and practice of scientific psychology. Majors will become adept at using the methods necessary to design, conduct, and communicate high quality research in psychological science and in the interpersonal skills required for working in mental health fields and other professions. Therefore, upon graduation, majors will be prepared for graduate study in psychology or related fields of study. In addition, psychology majors will develop the technological, information literacy, critical thinking, collaborative, and ethical abilities that are essential for a lifetime of socially and morally responsible citizenship. The study of psychology is an excellent preparation for careers that require a basic understanding of human behavior.

Graduating from Saint Michael's with a degree in psychology requires taking a minimum of eleven courses and obtaining at least an overall 2.0 GPA in the major.

Psychology Learning Outcomes:

Psychology majors graduate with an ability to write effectively and persuasively in the discourse of the discipline.

Psychology majors graduate with an ability to speak effectively and persuasively in the discourse of the discipline.

Psychology majors graduate with an ability to be insightful and reflective about their own others' behavior and mental processes.

Psychology majors graduate with the interpersonal skills necessary to work one on one and in collaboration with others toward a common goal.

Psychology majors graduate with the knowledge and skills to conduct a literature review, design a study, collect and analyze data, and communicate the results in written and oral form.

Psychology majors graduate with a firm scientific foundation in the theory and practice of psychology.

Psychology majors graduate with historically-grounded knowledge of the disciplinary and interdisciplinary perspective breadth of psychology.

Psychology majors graduate with an appreciation for an amiably skeptical approach to problem solving, and the technological skills, information literacy skills, and critical thinking skills to be adept consumers of research.

Psychology majors graduate with an appreciation for using scientific thinking and the disciplined analysis of information to evaluate alternative courses of action.

Psychology majors graduate with a knowledge of ethics, and an ability to solve problems and act in an ethically and socially responsible manner.

Psychology majors graduate with an ability to recognize, understand, and foster respect for equity, diversity, and inclusion.

Psychology majors graduate with an understanding of how they may apply their knowledge of psychology to personal, social, and organizational issues in work, relationships, and the broader community.

Bachelor of Arts in Psychology

Required Courses:

- PS 101 - General Psychology **Credits: 4**
- PS 213 - Psychological Statistics **Credits: 4**
- PS 215 - Research Methods **Credits: 4**

Capstone:

Choose one of the following three options:

(either PS 401 alone *or* **both** PS 406 and PS 408 *or* **both** PS 450 and PS 460)

- PS 401 - Capstone: Senior Seminar **Credits: 4**

- PS 406 - Capstone: Senior Research I **Credits: 2** & PS 408 - Capstone: Senior Research II **Credits: 2**
- PS 450 - Capstone: Practicum I **Credits: 4** & PS 460 - Capstone: Practicum II **Credits: 4**

Choose seven courses:

Take at least one course from each category, and ensuring at least two courses are at the 300-level.

Brain and Behavior

- PS 270 - Cognitive Psychology **Credits: 4**
- PS 272 - Psychology of Animal Learning and Behavior **Credits: 4**
- PS 274 - Behavioral Neuroscience **Credits: 4**
- PS 308 - Spatial Cognition **Credits: 4**
- PS 310 - Drugs and Behavior **Credits: 4**
- PS 312 - Perception **Credits: 4**
- PS 350 - Psychology of Health and Illness **Credits: 4**

Development and Human Potential

- PS 252 - Child Development **Credits: 4**
- PS 253 - Adolescent Development **Credits: 4**
- PS 256 - Abnormal Psychology **Credits: 4**
- PS 313 - Personality Theories **Credits: 4**
- PS 317 - The Thinking Child **Credits: 4**
- PS 330 - Psychology of Well-Being **Credits: 4**

Self in Relation to Others

- PS 250 - Social Psychology **Credits: 4**
- PS 301 - Psychology and Religion **Credits: 4**
- PS 314 - Psychology of Close Relationships **Credits: 4**
- PS 320 - Forensic Psychology **Credits: 4**
- PS 323 - Children, Adolescents, and the Media **Credits: 4**
- PS 324 - Counseling Skills **Credits: 4**

Opportunities for Independent Research Include:

- PS 400 - Independent Research In Psychology **Credits: Variable**
- PS 406 - Capstone: Senior Research I **Credits: 2**
- PS 408 - Capstone: Senior Research II **Credits: 2**

Minor

Psychology Minor

Required:

- PS 101 - General Psychology **Credits: 4**
- PS 213 - Psychological Statistics **Credits: 4**

Choose three:

- PS 250 - Social Psychology **Credits: 4**
- PS 252 - Child Development **Credits: 4**
- PS 253 - Adolescent Development **Credits: 4**
- PS 256 - Abnormal Psychology **Credits: 4**
- PS 270 - Cognitive Psychology **Credits: 4**
- PS 272 - Psychology of Animal Learning and Behavior **Credits: 4**
- PS 274 - Behavioral Neuroscience **Credits: 4**
- PS 312 - Perception **Credits: 4**
- PS 313 - Personality Theories **Credits: 4**
- PS 350 - Psychology of Health and Illness **Credits: 4**

Public Health

Program Director: Professor Patricia Siplon (Political Science)

Associated Faculty:

Christopher Desjardins (Assistant Professor of Mathematics and Statistics)

Dagan Loisel (Associate Professor of Biology)

Mark Lubkowitz (Professor of Biology)

Adrie Kusserow (Professor of Anthropology)

Candas Pinar (Assistant Professor of Sociology and Public Health)

Nicole Podnecky (Assistant Professor of Biology)

Melissa Vanderkaay Tomasulo (Associate Professor of Psychology)

Public health is a program that encourages and empowers people from across disciplines to work together to discover the causes of the world's health problems and develop strategies and solutions to promote, not just an absence of illness, but healthy, thriving communities and populations.

The field of public health is concerned with not only access to health care, but also the ways in which society is structured to foster or block access to environments and resources that promote health for everyone. For this reason, a major focus, and one which our program emphasizes, is health equity. Health equity is the goal of affording everyone the opportunity to a fair and just opportunity to be as healthy as possible

Saint Michael's is rooted in a passion for bettering our world and an academic tradition of interdisciplinary work, giving students an ideal place to engage in the inquiry and action needed for success in public health. The College provides a path for a Bachelor of Science or a Bachelor of Arts in Public Health.

Students may also choose to earn a minor in any of three areas: Global Health, Public Health, and Health Equity.

The minor in Global Health allows students to explore the international distribution of health outcomes, resources, and burdens, and the systems responsible for this distribution. Students will increase their understanding of global systems of health care delivery, and of other important systems such as international trade, governance, migration and cultural norms that underpin the forces that shift and block changes in health outcomes. Examination of these systems will help students understand important global phenomena, from the movement of global pandemics to the world wide

maldistribution of medication and health care workers to the increasing health impacts of catastrophes like political violence and climate change.

The minor in Health Equity provides a unique opportunity for students to examine the challenge of unjust distribution of health care and resources for living healthy lives, both globally and locally. Students in this minor will develop skills to tackle topics such as race-based inequality in health outcomes; linkages between poverty and disease; and the intersecting ways that multiple forms of discrimination provide barriers to health care access.

The minor in Public Health brings together courses and experiential learning opportunities in several fields, including biology, sociology, political science, statistics, and anthropology. The coursework empowers students to examine population-level health challenges, explore mechanisms for preventing disease, and develop skills in communication and outreach to engage the public in these efforts. This minor provides a unique opportunity for students to examine the big, complex systems and challenges in public health, both globally and locally. Students will develop skills to tackle topics such as the history of the Global AIDS Pandemic; the origins and impacts of lead poisoning in Flint, Michigan; or health system design in Scandinavia.

Bachelor of Arts in Public Health

Required Courses:

Foundations (5 courses)

- PB 101 - Introduction to Public Health **Credits: 4**
- BI 215 - Epidemiology **Credits: 4**
- SO 215 - Social Determinants of Health **Credits: 4**
- PH 233 - Healthcare Ethics **Credits: 4 (Preferred)** OR Approved Equivalent (*see below*)
- ST 140 - Biological Data & Statistics **Credits: 4 (Preferred)** OR Approved Equivalent (*see below*)

Approved Equivalents:

Equivalent to PH-233:

- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- RS 328 - Christian Healthcare Ethics **Credits: 4**

Equivalent to ST-140:

- ST 120 - Elementary Statistics **Credits: 4**
- PS 213 - Psychological Statistics **Credits: 4**

Cultural Competence (1 course)

- FR 202 - French for Health Professions **Credits: 2**
- SP 202 - Spanish for Health Professions **Credits: 2**
- Intermediate 1 Level or higher of a Modern Language
- Elective from approved Study Abroad Experience

Experiential Requirement (choose 1)

- HS 160 - Emergency Medical Technician **Credits: 4**
- HS 260 - Advanced Emergency Medical Technician **Credits: 4**
- JS 318 - CAN Research and Action Practicum **Credits: 4**
- PB 299 - Community Health Action Practicum **Credits: 4**
- PB 497 - (IS) Independent Study/Research **Credits: Variable**
- PB 499 - (INT) Internship **Credits: Variable**
- OR Study Abroad

Senior Experience (choose 1)

- Senior Seminar in Anthropology, Biology, Sociology or Political Science (*with director approval based on topic*).
- Director-Approved Second Experience (*paired with summative reflection*)

Electives (choose any 3)

Environmental and Biological Determinants of Health

- BI 108 - Topics in Organismal Biology **Credits: 4** (Topic: Nutrition)
- BI 235 - Topics in Biology **Credits: Variable** (Topic: Infectious Disease)
- ES 225 - Food Systems & Sustainable Agriculture **Credits: 4**
- ES 306 - Environmental Justice **Credits: 4**
- ES 310 - Environmental Hazards **Credits: 4**
- ES 311 - Community and Environmental Planning **Credits: 4**

Social Determinants of Health

- ANT 217 - Social Inequalities **Credits: 4**
- ANT 341 - Anthropology of Mental Health **Credits: 4**
- DMC 323 - Race, Gender and Ethnicity in Media **Credits: 4**
- EC 225 - Economics of Health Care **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- GS 101 - Gender Studies: Foundations **Credits: 4**
- JS 325 - Economics of Health Care **Credits: 4**
- PH 235 - The Philosophy of Disability **Credits: 4**
- PH 358 - Power, Resistance, & Race **Credits: 4**
- PO 255 - Health Policy **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- PS 350 - Psychology of Health and Illness **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**

Skills for Public Health

- DS 202 - Computational Methods for Data Science **Credits: 4**

- DS 203 - Introduction to Data Science **Credits: 4**
- DS 303 - Statistical Learning **Credits: 4**
- JS 304 - Data Visualization **Credits: 4**
- ST 201 - Intermediate Statistics **Credits: 4**

Bachelor of Science in Public Health

Required Courses:

Foundations (7 courses)

- PB 101 - Introduction to Public Health **Credits: 4**
- BI 152 - Introduction to Health Science **Credits: 4**
- BI 153 - Introductory Cell Biology and Genetics **Credits: 4**
- BI 215 - Epidemiology **Credits: 4**
- SO 215 - Social Determinants of Health **Credits: 4**
- PH 233 - Healthcare Ethics **Credits: 4 (Preferred)** OR Approved Equivalent (*see below*)
- ST 140 - Biological Data & Statistics **Credits: 4 (Preferred)** OR Approved Equivalent (*see below*)

Approved Equivalents:

Equivalent to PH-233:

- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- RS 328 - Christian Healthcare Ethics **Credits: 4**

Equivalent to ST-140:

- ST 120 - Elementary Statistics **Credits: 4**
- PS 213 - Psychological Statistics **Credits: 4**

Experiential Requirements

Experiential Learning (Choose 1):

- PB 299 - Community Health Action Practicum **Credits: 4**
- PB 497 - (IS) Independent Study/Research **Credits: Variable**
- PB 499 - (INT) Internship **Credits: Variable**
- BI 420 - Biological Research **Credits: Variable**
- HS 160 - Emergency Medical Technician **Credits: 4**
- HS 260 - Advanced Emergency Medical Technician **Credits: 4**
- JS 318 - CAN Research and Action Practicum **Credits: 4**
- Director-approved research experience

Senior Experience (Choose 1):

- BI 410 - Senior Seminar **Credits: 4** (*director approval of topic*)
- ES 411 - Senior Seminar in Environmental Science **Credits: 4** (*director approval of topic*)
- Director-approved second experience (*paired with summative reflection*)

Electives: Biological-Environmental Health Science & Biostatistics (Choose 3)

- BI 219 - Human Anatomy and Physiology II **Credits: 4**
- BI 222 - Population and Evolutionary Genetics **Credits: 4**
- BI 235 - Topics in Biology **Credits: Variable** (Topic: Infectious Disease)
- BI 230 - General Microbiology **Credits: 4**
- BI 259 - Nutrition **Credits: 4**
- BI 335 - Advanced Topics in Biology **Credits: 4** (Topic: Cancer Biology)
- BI 365 - Immunology and Parasitology **Credits: 4**
- DS 202 - Computational Methods for Data Science **Credits: 4**
- DS 203 - Introduction to Data Science **Credits: 4**
- DS 303 - Statistical Learning **Credits: 4**
- ES 211 - Water Resources **Credits: 4**
- ES 225 - Food Systems & Sustainable Agriculture **Credits: 4**
- ES 260 - Geographic Information Systems **Credits: 4**
- JS 304 - Data Visualization **Credits: 4**
- PS 310 - Drugs and Behavior **Credits: 4**
- PS 350 - Psychology of Health and Illness **Credits: 4**
- ST 201 - Intermediate Statistics **Credits: 4**
- ST 351 - Applied Regression Analysis **Credits: 4**
- ST 451 - Applied Statistical Methods **Credits: 4**

Electives: Health Policy, Social & Behavioral Sciences (Choose 1)

- ED 350 - Trauma-Informed Educational Practice **Credits: 4**
- EM 101 - Fundamentals of Emergency Management **Credits: 2** AND EM 102 - Emergency Management and Government **Credits: 2**
- ES 306 - Environmental Justice **Credits: 4**
- ES 327 - Environmental Policy **Credits: 4**
- HI 345 - The Black Death **Credits: 4**
- JS 300 - Media, Technology, Health & Happiness **Credits: 4**
- JS 316 - Medicine, Environment, and the Body **Credits: 4**
- JS 325 - Economics of Health Care **Credits: 4**
- PO 255 - Health Policy **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- SO 107 - Social Problems **Credits: 4**

Minors

Global Health Minor

Required

- PB 101 - Introduction to Public Health **Credits: 4**

Choose one:

- FR 202 - French for Health Professions **Credits: 2**
- SP 202 - Spanish for Health Professions **Credits: 2**
- Or 1 course from approved Study Abroad

Choose one:

- AL 250 - Intercultural Communication **Credits: 4**
- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- ANT 341 - Anthropology of Mental Health **Credits: 4**
- ANT 355 - Anthropology of International Development **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- FR 202 - French for Health Professions **Credits: 2**
- HI 345 - The Black Death **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- SO 215 - Social Determinants of Health **Credits: 4**
- SP 202 - Spanish for Health Professions **Credits: 2**

And choose any two Multi-Disciplinary Electives:

Environmental and Nutritional Health

- BI 108 - Topics in Organismal Biology **Credits: 4** (Topic: Nutrition)
- ES 225 - Food Systems & Sustainable Agriculture **Credits: 4**
- ES 306 - Environmental Justice **Credits: 4**
- ES 310 - Environmental Hazards **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**

Global and National Health

- AM 227 - Foundations of US Latinx Literature and Culture **Credits: 4**
- ANT 333 - Anthropology of Refugees **Credits: 4**
- ANT 341 - Anthropology of Mental Health **Credits: 4**
- ANT 355 - Anthropology of International Development **Credits: 4**
- HI 345 - The Black Death **Credits: 4**
- PO 255 - Health Policy **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**

Health Equity

- ANT 217 - Social Inequalities **Credits: 4**
- DMC 323 - Race, Gender and Ethnicity in Media **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- HI 363 - Race, Class, and Gender in the Atlantic World **Credits: 4**
- HI 414 - African Slavery in the Atlantic World **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PH 358 - Power, Resistance, & Race **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**

Gender, Sexuality & Health

- GS 101 - Gender Studies: Foundations **Credits: 4**
- HI 215 - Women in American Society **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**

Skills for Public Health

- DS 203 - Introduction to Data Science **Credits: 4**
- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**

Additional Options

- AL 250 - Intercultural Communication **Credits: 4**
- ED 350 - Trauma-Informed Educational Practice **Credits: 4**
- JS 301 - Land, Sea, Sky **Credits: 4**
- JS 303 - A Nation Inside and Out **Credits: 4**
- PS 250 - Social Psychology **Credits: 4**
- PS 256 - Abnormal Psychology **Credits: 4**
- PS 310 - Drugs and Behavior **Credits: 4**
- PS 350 - Psychology of Health and Illness **Credits: 4**

Health Equity Minor

Required:

- PB 101 - Introduction to Public Health **Credits: 4**
- SO 215 - Social Determinants of Health **Credits: 4**

Choose one:

- ANT 217 - Social Inequalities **Credits: 4**
- ANT 355 - Anthropology of International Development **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- ES 306 - Environmental Justice **Credits: 4**
- HI 345 - The Black Death **Credits: 4**

- PH 233 - Healthcare Ethics **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PO 255 - Health Policy **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- RS 328 - Christian Healthcare Ethics **Credits: 4**
- SO 107 - Social Problems **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**

And choose any two Multi-Disciplinary Electives:

Environmental and Nutritional Health

- BI 108 - Topics in Organismal Biology **Credits: 4** (Topic: Nutrition)
- ES 225 - Food Systems & Sustainable Agriculture **Credits: 4**
- ES 306 - Environmental Justice **Credits: 4**
- ES 310 - Environmental Hazards **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**

Global and National Health

- AM 227 - Foundations of US Latinx Literature and Culture **Credits: 4**
- ANT 333 - Anthropology of Refugees **Credits: 4**
- ANT 341 - Anthropology of Mental Health **Credits: 4**
- ANT 355 - Anthropology of International Development **Credits: 4**
- HI 345 - The Black Death **Credits: 4**
- PO 255 - Health Policy **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**

Health Equity

- ANT 217 - Social Inequalities **Credits: 4**
- DMC 323 - Race, Gender and Ethnicity in Media **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- HI 363 - Race, Class, and Gender in the Atlantic World **Credits: 4**
- HI 414 - African Slavery in the Atlantic World **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PH 358 - Power, Resistance, & Race **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**

Gender, Sexuality & Health

- GS 101 - Gender Studies: Foundations **Credits: 4**
- HI 215 - Women in American Society **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**

Skills for Public Health

- DS 203 - Introduction to Data Science **Credits: 4**
- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**

Additional Options

- AL 250 - Intercultural Communication **Credits: 4**
- ED 350 - Trauma-Informed Educational Practice **Credits: 4**
- PS 250 - Social Psychology **Credits: 4**
- PS 256 - Abnormal Psychology **Credits: 4**
- PS 310 - Drugs and Behavior **Credits: 4**
- PS 350 - Psychology of Health and Illness **Credits: 4**

Public Health Minor

Required:

- PB 101 - Introduction to Public Health **Credits: 4**

PB Internship, Approved Experiential Course or Research Project in Public Health

Choose an internship, approved experiential course, or research project in public health:

- HS 160 - Emergency Medical Technician **Credits: 4**
- HS 260 - Advanced Emergency Medical Technician **Credits: 4**
- JS 318 - CAN Research and Action Practicum **Credits: 4**
- PB 299 - Community Health Action Practicum **Credits: 4**
- PB 497 - (IS) Independent Study/Research **Credits: Variable**
- PB 499 - (INT) Internship **Credits: Variable**

And choose one course:

Ethics

- PH 233 - Healthcare Ethics **Credits: 4**
- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- RS 328 - Christian Healthcare Ethics **Credits: 4**

Social Organization

- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- SO 101 - Introduction to Sociology **Credits: 4**
- SO 215 - Social Determinants of Health **Credits: 4**

Statistics

- ST 120 - Elementary Statistics **Credits: 4**
- ST 140 - Biological Data & Statistics **Credits: 4**

Biology

- BI 153 - Introductory Cell Biology and Genetics **Credits: 4**
- BI 215 - Epidemiology **Credits: 4**

Communication & Public Engagement

- CL 118 - Ancient Medicine and the Greek and Latin Roots of Scientific Terminology **Credits: 4**
- FR 202 - French for Health Professions **Credits: 2**
- SP 202 - Spanish for Health Professions **Credits: 2**

Policy & Systems

- EC 225 - Economics of Health Care **Credits: 4**
- JS 325 - Economics of Health Care **Credits: 4**
- PO 255 - Health Policy **Credits: 4**

And choose any two Multi-Disciplinary Electives:

Environmental and Nutritional Health

- BI 108 - Topics in Organismal Biology **Credits: 4** (Topic: Nutrition)
- ES 225 - Food Systems & Sustainable Agriculture **Credits: 4**
- ES 306 - Environmental Justice **Credits: 4**
- ES 310 - Environmental Hazards **Credits: 4**
- PO 325 - The Politics of Food **Credits: 4**

Global and National Health

- ANT 333 - Anthropology of Refugees **Credits: 4**
- ANT 341 - Anthropology of Mental Health **Credits: 4**
- ANT 355 - Anthropology of International Development **Credits: 4**
- HI 345 - The Black Death **Credits: 4**
- PO 255 - Health Policy **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**

Health Equity

- ANT 217 - Social Inequalities **Credits: 4**
- DMC 323 - Race, Gender and Ethnicity in Media **Credits: 4**
- EC 321 - Economics of Development and Poverty **Credits: 4**
- HI 363 - Race, Class, and Gender in the Atlantic World **Credits: 4**
- HI 414 - African Slavery in the Atlantic World **Credits: 4**

- PH 351 - Otherness and Marginalization: Levinas and the Alienated **Credits: 4**
- PH 358 - Power, Resistance, & Race **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**

Gender, Sexuality & Health

- GS 101 - Gender Studies: Foundations **Credits: 4**
- HI 215 - Women in American Society **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**

Skills for Public Health

- DS 203 - Introduction to Data Science **Credits: 4**
- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**

Additional Options

- AL 250 - Intercultural Communication **Credits: 4**
- ED 350 - Trauma-Informed Educational Practice **Credits: 4**
- HS 160 - Emergency Medical Technician **Credits: 4**
- JS 318 - CAN Research and Action Practicum **Credits: 4**
- PB 299 - Community Health Action Practicum **Credits: 4**
- PS 250 - Social Psychology **Credits: 4**
- PS 256 - Abnormal Psychology **Credits: 4**
- PS 310 - Drugs and Behavior **Credits: 4**
- PS 350 - Psychology of Health and Illness **Credits: 4**

Religious Studies

Faculty

Chair: Associate Professor Raymond Patterson

Professors: James Byrne, Jeffrey Trumbower

Assistant Professor: Eva Pascal

Keeping with the mission of Saint Michael's as a Catholic liberal arts college, courses in religious studies primarily examine the foundations, development, meaning, and cultural relevance of the Christian tradition: its literature and history, beliefs, practices, and ethics. Courses are also offered in other religious traditions, such as Judaism, Islam, Hinduism, and Buddhism. By its nature, religious studies approaches traditions in a multi-disciplinary fashion and inquires into both life's ultimate questions and issues central to everyday life. The skills of empathic understanding and critical thinking developed in religious studies are not only valuable for almost any career, but they also serve to enrich one's entire life. Recent majors and minors in religious studies are successfully pursuing careers in teaching, law, business management, journalism, information management, social services, college administration, various church ministries and other fields.

Religious Studies Learning Outcomes:

Students will demonstrate comprehensive, in-depth understanding of the Christian tradition.

Students will demonstrate a familiarity with religious traditions other than Christianity, and deeper understanding of at least one of these traditions.

Students will demonstrate understanding of the field of religious studies, including an appreciation of disciplines and sub-disciplines within the field.

Students will demonstrate increased religious literacy, including the ability to comprehend a range of theories and methods in the study of religion.

Students will demonstrate appreciation of the complexity of interpretations in the study of religion including hermeneutical theories.

Students will demonstrate understanding of the importance of research and scholarship through completion of a Senior Thesis to be completed in RS410 (Sr. Seminar).

Bachelor of Arts in Religious Studies

Required Courses:

Take one from the following:

- RS 120 - Christianity: Past and Present **Credits: 4**
- RS 130 - Varieties of Christianity **Credits: 4**
- RS 140 - Catholic Christianity **Credits: 4**

Take the following two courses:

- RS 310 - The Sacred Quest **Credits: 4**
- RS 410 - Religious Studies Seminar **Credits: 4**

And choose:

Two courses from the 200-level.

And choose:

Three full courses (in addition to RS 310) from the 300-level, of which at least one must be a full course in a world religion other than Christianity.

In addition:

Take two additional full courses from the 200- or 300-level.

Minor

Religious Studies Minor

Required:

Choose one:

- RS 120 - Christianity: Past and Present **Credits: 4**
- RS 130 - Varieties of Christianity **Credits: 4**
- RS 140 - Catholic Christianity **Credits: 4**

Choose one:

- RS 317 - Judaism **Credits: 4**
- RS 319 - Islam **Credits: 4**
- RS 321 - Judaism in the Greco-Roman World **Credits: 4**
- RS 323 - Hinduism **Credits: 4**
- RS 325 - Buddhism **Credits: 4**

Take three Religious Studies courses as follows:

- Take any full 300-level course
- Take any 200-level course
- Take any additional full course from either the 200- or the 300-level.

Sociology and Anthropology

Faculty:

Chair: Professor Adrie Kusserow

Assistant Professor: Krista Billingsley, Candas Pinar

The department of sociology and anthropology has the unique feature of combining two disciplines within a single departmental major. Students can pursue a specialized track in either discipline. Although both anthropology and sociology share common interest in the impact of culture and society on human behavior, each has its own history, concepts and theoretical commitments. Anthropology essentially focuses on the role of culture in human experience, and sociology is concerned primarily with the role of social interaction and the social structure in human experience.

In keeping with the liberal arts tradition, the department aims to provide an awareness of the complexity of social life, a tolerance of diversity, and an understanding of the social and cultural forces behind human behavior. A familiarity with this analytical perspective can be an asset in any of the careers which are usually entered by graduates of liberal arts colleges.

The disciplines of sociology and anthropology provide such knowledge of social and cultural phenomena as can be obtained by the use of empirical methods. While it is hardly the only means of approaching and understanding these matters, the analytical perspectives do provide insights into the nature of the distribution of power and wealth; the sources of group conflict and social turmoil; the basis of social cohesion; the factors contributing to social change; and the emergence of social issues generally.

Sociology/Anthropology Learning Outcomes:

Upon graduation, every Saint Michael's Anthropology/Sociology major will have met all of the Learning Outcomes below. Non-majors who have taken an LSC-eligible course such as AN109 or SO101 will have met the Learning Outcomes in italics:

1. **Think carefully and critically about their own ideas and the ideas and written arguments of others.** (cognitive capacity)
 - *Engage regularly, openly, and sensitively with classmates whose opinions and values differ from their own.*
 - Plan and carry out effective oral presentations using, when appropriate, electronic media tools such as PowerPoint or Prezi.
 - *Demonstrate a critical understanding of social science reasoning, including both its possibilities and its limitations.*
 - Engage in a healthy self-critique illustrating the ways both the culture and social structures governing the society in which they live have shaped both their own beliefs and behaviors.
2. **Value human diversity in its cultural, racial-ethnic, and religious forms.** (value)
 - *Demonstrate an appreciation for persons from cultural and racial-ethnic categories other than their own. This will be evaluated through written work as well as via interaction with others inside and outside the classroom.*
 - *Model an enhanced awareness of other cultures by exhibiting knowledge of the history, worldviews, and practices of people from non-Western cultures.*
3. **Understand the shaping influence of social structures and culture on human action at the level of the individual and the group.** (cognitive capacity)
 - *Demonstrate a grasp of the reciprocal relationship between the individual and society.*
 - Articulate a basic understanding of the importance of the major demographic factors in shaping society and culture—e.g., death rates from AIDS, obesity, and historic changes in fertility.
 - Exhibit an appreciation for the fields of *both anthropology and sociology* and be able to describe both the similarities and key differences between these two disciplines.
4. **Value and demonstrate an ethic of service and concern for the socially and culturally marginalized.** (value / skill)
 - Demonstrate a deep respect for all individuals regardless of race, gender, religion or sexual orientation.
 - Interact sensitively with persons from historically marginalized groups in a way that reveals concern for the dignity of such persons and the great value of their contributions to the broader society.
 - Model attentiveness to matters impacting equality, social justice and the rights of all persons.
5. **Craft, carry out, and evaluate social research.** (cognitive capacity / skill)
 - Articulate the difference between social theory and empirical research methods and the way each contributes to the other.
 - *Demonstrate a robust understanding of the variety of qualitative and quantitative methods available for research on human groups as well as a grasp of the benefits and drawbacks of each method.*
 - Display, through in-class discussion and written work, a basic grasp of the broad theoretical "lenses" that shape and sharpen social research.
 - Build and carry out at least one major project involving the development of an original research question, and the design and implementation of a project aimed at addressing that question.
6. **Write clearly and succinctly about important topics relating to cultural diversity and social justice.** (skill)
 - *Summarize and evaluate complex arguments by key thinkers in the fields of anthropology and sociology.*
 - Effectively plan, write, and revise an extensive research paper.

Bachelor of Arts in Criminology

Required Courses:

Foundations (3 courses)

- CR 201 - Theories of Crime, Justice, and Race **Credits: 4**
- PO 338 - Criminal Justice **Credits: 4**
- SO 101 - Introduction to Sociology **Credits: 4**

Skills and Knowledge Base (6 courses)

Take One:

- PO 200 - Research Methods **Credits: 4**
- SO 209 - Research Methods of Sociology **Credits: 4**

Choose One of the Following:

- PS 213 - Psychological Statistics **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4**
- ST 140 - Biological Data & Statistics **Credits: 4**

Choose Two of the Following:

- CR 213 - Forensic Science **Credits: 4**
- CR 218 - Issues in Contemporary Policing **Credits: 4**
- CR 318 - Victimology **Credits: 4**
- HI 395 - Crime & Society in Victorian Britain **Credits: 4**
- PH 341 - Justice, Fairness and Mercy **Credits: 4**
- PS 320 - Forensic Psychology **Credits: 4**
- SO 218 - Deviance, Norms, and Social Control **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**

Choose One Multi-disciplinary Elective:

- AL 250 - Intercultural Communication **Credits: 4**
- ANT 217 - Social Inequalities **Credits: 4**
- DMC 213 - Media Law and Ethics in a Digital Age **Credits: 4**
- ES 306 - Environmental Justice **Credits: 4**
- GG 201 - Urban Geography **Credits: 4**
- PH 205 - Philosophy of Society **Credits: 4**
- PO 332 - U.S. Constitutional Law: Government Power **Credits: 4**
- PO 334 - U.S. Constitutional Law: Rights & Liberties **Credits: 4**
- PO 350 - State Violence and Justice **Credits: 4**
- PS 250 - Social Psychology **Credits: 4**
- PS 256 - Abnormal Psychology **Credits: 4**
- PS 310 - Drugs and Behavior **Credits: 4**

Choose one Statistical or Communicative Course:

- DS 203 - Introduction to Data Science **Credits: 4** (recommended)
- FR 203 - Intermediate French 1 **Credits: 4**
- JS 304 - Data Visualization **Credits: 4**
- SP 203 - Intermediate Spanish 1 **Credits: 4**
- ST 201 - Intermediate Statistics **Credits: 4**
- ST 251 - Probability **Credits: 4**
- ST 252 - Mathematical Statistics and Methods **Credits: 4**

Application (3 courses)

Take

- CR 449 - Criminology Capstone **Credits: 4**
- CR 499 - (INT) Internship **Credits: Variable**

Choose one Course in Restorative Approaches to Criminology:

- SO 318 - Restorative Justice **Credits: 4**
- SO 442 - Restorative Approaches to Intimate Partner Violence **Credits: 4**
- SO 461 - Restorative Models of Juvenile Justice **Credits: 4**

EDI Beyond Core

Take an additional course designated Engaging Diverse Identities beyond the one course required for the Core.

Bachelor of Arts in Sociology and Anthropology

Required Courses:

- SO 101 - Introduction to Sociology **Credits: 4**
- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**
- SO 420 - Sociology/Anthropology Capstone **Credits: 4**

Complete An Approved Cross-Cultural Engagement Experience

Examples include:

- Study Abroad or Faculty-Led Study Trip
- Peace Corps Prep Program
- MOVE Service Trip (working with a community different than your own)
- Internship (working with a community different than your own)

- Independent research (studying a community different than your own)
- With approval from the Department Chair, a course with a significant community-engaged learning component

Take Two 100- or 200-Level Courses in Sociology or Anthropology

Take Four 300- or 400-Level Courses in Sociology or Anthropology*

**Maximum of one course below may count towards the four additional courses*

- AL 250 - Intercultural Communication **Credits: 4**
- BI 356 - Human Evolution **Credits: 4**
- CR 201 - Theories of Crime, Justice, and Race **Credits: 4**
- CR 218 - Issues in Contemporary Policing **Credits: 4**
- CR 318 - Victimology **Credits: 4**
- DMC 250 - Global Communication **Credits: 4**
- DS 203 - Introduction to Data Science **Credits: 4**
- ES 105 - Nature and Culture **Credits: 4**
- JS 300 - Media, Technology, Health & Happiness **Credits: 4**
- MU 359 - Topics in Ethnomusicology **Credits: 4**
- PO 340 - Social Movements and Contentious Politics **Credits: 4**
- PO 292 - Global LGBTQI + Politics and Culture **Credits: 4**
- PO 351 - Politics of the Global AIDS Pandemic **Credits: 4**
- ST 101 - Reasoning with Data and Chance **Credits: 4**
- ST 120 - Elementary Statistics **Credits: 4**

Minors

Criminology Minor

Required:

Core: Choose two:

- CR 201 - Theories of Crime, Justice, and Race **Credits: 4**
- PO 338 - Criminal Justice **Credits: 4**
- PS 320 - Forensic Psychology **Credits: 4**

Electives: Take 12 credits:

- CR 201 - Theories of Crime, Justice, and Race **Credits: 4** (if not already taken)
- CR 213 - Forensic Science **Credits: 4**
- CR 218 - Issues in Contemporary Policing **Credits: 4**
- CR 318 - Victimology **Credits: 4**
- DMC 213 - Media Law and Ethics in a Digital Age **Credits: 4**

- EM 101 - Fundamentals of Emergency Management **Credits: 2**
- EM 102 - Emergency Management and Government **Credits: 2**
- EM 201 - Emergency Management Field Study **Credits: 2**
- EM 210 - Emergency Management Exercise Capstone **Credits: 2**
- HI 395 - Crime & Society in Victorian Britain **Credits: 4**
- PH 341 - Justice, Fairness and Mercy **Credits: 4**
- PJ 205 - Theories of Conflict Resolution **Credits: 4**
- PO 332 - U.S. Constitutional Law: Government Power **Credits: 4**
- PO 334 - U.S. Constitutional Law: Rights & Liberties **Credits: 4**
- PO 338 - Criminal Justice **Credits: 4** (if not already taken)
- PO 350 - State Violence and Justice **Credits: 4**
- PS 256 - Abnormal Psychology **Credits: 4**
- PS 310 - Drugs and Behavior **Credits: 4**
- PS 320 - Forensic Psychology **Credits: 4** (if not already taken)
- SO 107 - Social Problems **Credits: 4**
- SO 218 - Deviance, Norms, and Social Control **Credits: 4**
- SO 221 - Race and Ethnic Relations **Credits: 4**
- SO 310 - Directed Readings in Sociology **Credits: 4**
- SO 318 - Restorative Justice **Credits: 4**
- SO 442 - Restorative Approaches to Intimate Partner Violence **Credits: 4**
- SO/PO/PS 499 - Internship

Note:

*Because the Criminology minor is intended to be interdisciplinary by design, no more than 8 credits may be applied to the minor from a single discipline.

Sociology and Anthropology Minor

Required:

- SO 101 - Introduction to Sociology **Credits: 4**
- ANT 109 - Introduction to Cultural Anthropology **Credits: 4**

And choose:

- Three additional full courses in Sociology or Anthropology

Courses

AC 141 - Financial Accounting

Introduces accounting principles and practices applicable to the preparation and analysis of financial statements of a business organization. Major topics include the accounting cycle, classification of elements of financial statements (assets, liabilities, equity), measurement of income, and preparation and analysis of financial statements.

Credits: 4

AC 143 - Managerial Accounting

Covers the preparation and use of accounting information to support managerial planning, control and decision making. Introduces cost classification and behavior concepts, cost-volume-profit analysis, the use of budgets, cost-control systems, standard costs, variance analysis, cost-based decision making, and cash flows.

Credits: 4

Notes: AC-141 and AC-143 should not be taken in the same semester.

Accounting majors and minors will take AC 141-Financial Accounting instead of BU 103.

AC 190 - Topics in Accounting

An examination of a topic at the introductory level not offered by the department on a regular basis. Topics will vary depending on the interest of the faculty.

Credits: Variable

Notes: May be repeatable if topic is different.

AC 221 - Intermediate Accounting I

Two-semester examination of financial accounting concepts and theories, the financial reporting process, financial statements, and accounting for asset, liability, and shareholders' equity accounts in greater depth. Topics also include time value of money, accounting for investments, bonds, leases, and income taxes, plus earnings per share and financial disclosures.

Credits: 4

Prerequisites/Restrictions: AC-141, Minimum Grade B or Permission of Instructor.

AC 223 - Intermediate Accounting II

Two-semester examination of financial accounting concepts and theories, the financial reporting process, financial statements, and accounting for asset, liability, and shareholders' equity accounts in greater depth. Topics also include time value of money, accounting for investments, bonds, leases, and income taxes, plus earnings per share and financial disclosures.

Credits: 4

Prerequisites/Restrictions: AC 221; AC Majors and Minors Only.

AC 243 - Cost Management

Examines the role of both cost management and cost management information in organizational strategy and success. Topics explore the practical application of cost management information, including the tools and techniques used to promote critical and effective decision making.

Credits: 4

Prerequisites/Restrictions: AC 143

Notes: Required for accounting majors and recommended for business majors with an interest in the accumulation and use of cost relevant to the decision-making process.

AC 250 - Nonprofit Accounting

This course provides students with a fundamental understanding of the financial accounting, reporting, and stewardship issues pivotal to nonprofit organizations. Nonprofits constitute a significant portion of the American economy, and engage in an array of important undertakings, from education, research, religion, health/welfare, social activities, and professional pursuits.

Credits: 4

Prerequisites/Restrictions: AC-143 or Permission of the Instructor

AC 415 - Federal Income Taxation

Introduction to federal income tax law as it applies to individuals, with some corporate and partnership tax concepts. The course focuses on computing federal income tax liabilities and identifying opportunities in federal income tax law to minimize income taxes. Emphasizes problem solving and application of tax concepts to practical scenarios.

Credits: 4

Prerequisites/Restrictions: AC Majors and Minors Only; Juniors and Seniors Only.

AC 425 - Capital Budgeting

This course further develops the capital budgeting introduced in AC 321 - Finance and explores the effect of real asset investment decisions on corporate strategy and firm performance. The focus is on applied decision-making. Topics include advanced techniques in capital budgeting, option pricing and strategies, the real option approach to capital budgeting.

Credits: 4

Prerequisites/Restrictions: AC 321 or BU-216 with a minimum grade of B-.

AC 450 - Seminar in Accounting

Capstone course in the Accounting major. Topics build upon accumulated accounting knowledge to further develop the capacity to analyze, research, write about and present accounting topics, consider standards of professional ethics and the influence of current events. The course also addresses the commitment to lifelong learning inherent in the profession.

Credits: 4

Prerequisites/Restrictions: AC-451; Juniors and Seniors Only; AC Majors and Minors Only.

Notes: Fulfills Written Communication requirement for the Accounting major.

AC 451 - Auditing

Introduction to the fundamentals of auditing. Topics include professional standards which govern the performance of audit services and a review of concepts and procedures critical to successful performance of a financial statement audit, from risk assessment through audit reporting.

Credits: 4

Prerequisites/Restrictions: AC-223; Juniors and Seniors Only; AC Majors/Minors Only.

AC 490 - Advanced Topics in Accounting

This advanced topics course addresses contemporary issues in accounting. Specific information about a topic being offered in a given semester can be obtained from the faculty member offering the course or the department chair.

Credits: Variable

Prerequisites/Restrictions: Senior standing

Notes: May be repeatable as long as the topic is different.

AC 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

AC 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

AH 251 - Ancient and Medieval Art

Examination of early human achievement in the arts, from the cave paintings of Lascaux to the Gothic cathedrals. Special attention is given to methods of analyzing form and subject matter, and ideology in art and architecture.

Credits: 4

Core: Literature & The Arts AND Catholic Intellectual Traditions

AH 252 - Renaissance and Modern Art

Students learn to analyze art, and to see, think, write and speak critically about painting, sculpture, and empowered objects from the fifteenth through twentieth centuries in Europe, America, and West Africa. Throughout the course, we analyze art through changing thematic lenses. Stylistic elements, the role of art in society, and the judgment of what is good, are persistent themes.

Credits: 4

Core: Literature & The Arts

AH 280 - Culture and Society in Medieval Burgundy

An 18-day academic study-abroad course in Burgundy, France, focusing on the historical, political, artistic, religious, literary, cultural, and social developments of medieval Burgundy. Based in Pontigny, students travel every other day to cities, abbeys, castles, cathedrals, museums, and archaeological sites which are examined in preparatory classes.

Credits: 4

Core: Literature & The Arts AND Catholic Intellectual Traditions

Notes: Optional Applied Language Component.

AH 333 - Art Since 1960

This course provides a survey of major art movements since 1960. We will examine the shift from modernist to post-modernist aesthetics in movements such as Gutai, Pop, Fluxus, Situationism, Minimalism, Conceptual Art, Arte Povera, Black Arts Movement, Institutional Critique, and Feminist Art to more recent developments in digital and online art. Classroom discussion will be central to the course and students should be prepared to engage with readings.

Credits: 4

Core: Literature & The Arts

AH 347 - Saints, Kings and Barbarians

This course will focus on images of power, piety, and belief in the European Middle Ages (c.200 - 1066), from the Late Antique world to Charlemagne and his successors. Rural landscapes, town planning, and the role of archeology in understanding medieval art and life will be explored, along with the evolution of including churches, mosques, monasteries, cathedrals, palaces and houses, and the objects and images that filled them.

Credits: 4

Prerequisites/Restrictions: Not open to First-Year students without Permission of Instructor

Core: Literature & The Arts AND Catholic Intellectual Traditions

AH 348 - Castles and Cathedrals: Art of the High Middle Ages

This course will focus on images of power, piety, and belief in the European High Middle Ages (c. 900 - c. 1400), from Charlemagne and the Carolingian contribution to late Gothic and Marco Polo's travels. The achievements of the Romanesque style in the great monasteries, and the development of the Gothic cathedrals will be explored, as will the objects and images that filled these buildings - mosaics, sculpture, paintings, reliquaries, illuminated manuscripts, metalwork, jewelry, stained glass.

Credits: 4

Prerequisites/Restrictions: Not open to First-Year students without Permission of Instructor

Core: Literature & The Arts AND Catholic Intellectual Traditions

AH 381 - Topics in Art History

Examines in-depth topics selected from various areas of art and/or art architectural history. Course descriptions for sections will be announced prior to registration.

Credits: 4

Notes: May be repeatable as long as the topic is different.

AH 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

AH 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

AL 101 - Introduction to Language and Linguistics

This course provides an introduction to the nature and structure of human language, as well as the basic methods of its scientific study. The course is framed in terms of four guiding questions: what are the components of the language system; how do we acquire this system; how is this system used in society; and how is this system represented in the brain.

Credits: 4

Core: History & Society

Notes: Optional Applied Language Component

AL 103 - Structure of the English Language

This course will give students the tools for talking about English grammar - the grammar they may already know and use. Once they become familiar with these tools or "metalanguage," they will use them to explore how different grammatical choices are used strategically to make meaning, and how these choices can improve writing and speaking performance for both native and non-native speakers.

Credits: 4

AL 250 - Intercultural Communication

This course explores the challenges of becoming interculturally competent in a global world. The course examines the relationship between communication and culture, applies theoretical concepts to the analysis of cultural patterns and communication phenomena, and examines how different cultural perceptions and symbol systems can alter the communication event in a variety of contexts. The course includes a critique of the intercultural communication experience through a case study analysis.

Credits: 4

Core: Engaging Diverse Identities

AL 310 - Methodology of Second/Foreign Language Teaching

This course covers principles and methods of second and foreign language learning and teaching. A practical experience component includes classroom observations, peer micro-teaching, and opportunities to instruct small groups of ESL or FL students. This course is useful for foreign language majors, language education majors, and students interested in teaching ESL/EFL.

Credits: 4

AL 343 - Teaching Oral Skills in a Second/Foreign Language

This course examines the teaching of oral skills in second/foreign language contexts by exploring what it means to be able to speak and understand a language, the complex processes involved in listening and speaking, the English phonological system, current research on oral skills acquisition, and a variety of instructional activities.

Credits: 4

AL 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

AL 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

AM 101 - Introduction to American Studies

Using a case study approach, this course exposes students to a sample of the broad range of sources and methods that are to be found in the history, literature, politics, religion, art, and popular culture of America. Possible course themes include the 1930s, 1950s, 1960s, slavery, the Civil Rights Movement, women's rights, and the frontier.

Credits: 4

Core: History & Society

AM 201 - Topics in American Studies

This course provides a case study in interdisciplinary approaches to a single topic related to American culture, past or present.

Credits: 4

Core: Engaging Diverse Identities

AM 227 - Foundations of US Latinx Literature and Culture

Concepts, themes, genre conventions, and major historical events and figures significant in Latinx literature and cultures of the United States.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

AM 229 - Introduction to Cuban Literature and Culture

This class will introduce students to key works, topics, and contexts for understanding Cuban literature and culture in historical perspective.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

Notes: This course is not open to students who have taken JS-303.

AM 380 - American Publics

This seminar will investigate the identities and agendas of various "publics" in contemporary American life. What are the popular and political dimensions of the "public sphere," and how does participation relate to citizenship?

Credits: 4

AM 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

AM 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

ANT 109 - Introduction to Cultural Anthropology

An introduction to the principles and processes of cultural anthropology. The course not only provides students with basic insights into facts and theories, but also, most importantly, the anthropological attitude of a commitment to understanding and tolerating other cultural traditions.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

ANT 110 - Introduction to Cultural Anthropology (CEL)

An introduction to the principles and processes of cultural anthropology. The course not only provides students with basic insights into facts and theories, but also, most importantly, the anthropological attitude of a commitment to understanding and tolerating other cultural traditions.

This course includes a substantial community-engaged learning component and students will spend a significant amount of time doing fieldwork in the wider Burlington community. The course fulfills the "Experiential Learning"(EL) component of the Liberal Studies Curriculum.

Credits: 4

Core: Global Issues that Impact the Common Good or Social and Institutional Dimensions of Human Behavior/ NA

Notes: No credit given for AN-110 if credit has been given for AN-109 or SO-109.

ANT 209 - Research Methods of Anthropology

This course introduces students to the research methods used by anthropologists and sociologists when conducting qualitative research. The course will provide an overview of qualitative research, and students will gain practice in gathering data by means of interviews, ethnographic strategies, historical and oral histories. The course will also examine a variety of films and books that have used qualitative approaches.

Credits: 4

Prerequisites/Restrictions: ANT 109 or ANT 110

Notes: Fulfills Written Communication requirement for the Anthropology track.

ANT 217 - Social Inequalities

An examination of inequalities in wealth, power and privilege in the United States and other cultures.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

ANT 301 - Anthropology of Yoga and Meditation

This course considers the American social and cultural forces that shape the experience, practice and teaching of yoga and mindfulness meditation practices and philosophies that originated in the East. Inequality and the democratization of yoga and mindfulness, understandings of Tibetan, Buddhist and Hindu yoga and meditation concepts will be explored.

Credits: 4

Prerequisites/Restrictions: ANT 109 or SO-101

Core: Engaging Diverse Identities

ANT 310 - Advanced Topics in Anthropology

This course enables students to explore a contemporary anthropological issue through the utilization of ethnography and ethnology. Past topics have included: Indigenous Knowledge; The Refugee Experience in America, and Applied Anthropology. Topics vary based on current research interests of the professor.

Credits: Variable

Prerequisites/Restrictions: Previous or Concurrent Enrollment in ANT 109 or ANT 110 or SO-101 or Permission of Instructor.

Notes: May be repeatable as long as the topic is different. May be offered as a full or half course depending on topic.

ANT 333 - Anthropology of Refugees

An exploration of the cultural, economic and political conditions that lead refugees and internally displaced people to leave their country of origin. We will examine the quality of life, tensions and social issues that arise in refugee camps and the "receiving" communities effected by displacement processes, as well as issues around repatriation in various

countries. We will also explore issues around refugee health and the assumptions social service providers make in trying to heal refugees.

Credits: 4

Prerequisites/Restrictions: ANT 109 or SO-101

Core: Engaging Diverse Identities

ANT 341 - Anthropology of Mental Health

In this course we apply an anthropological perspective to the study of illness, health and healing cross-culturally. We explore how different cultures decide what are normal and abnormal states of mind and body and how they "should" be healed. This is also a course within the fields of psychological and anthropology of religion. In the process of exploring other cultural conceptions of health and healing, we critically examine American assumptions about health, healing, the self and sickness.

Credits: 4

Prerequisites/Restrictions: SO 101, ANT 109, or ANT 110

ANT 355 - Anthropology of International Development

How do development anthropologists understand poverty, progress, and social change in the Global South? Utilizing the comparative method, class will examine challenges faced globally by boys, girls, women, and men. Students will become familiar with social/cultural analysis and the policies and programs which emerge from them.

Credits: 4

Prerequisites/Restrictions: ANT 109 or ANT 110 or GS 101 or GS 203

ANT 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

ANT 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

AR 101 - Foundations in Art & Design

Foundations in Art & Design introduces basic contemporary art practices in two and three dimensions. Students will explore the making, presenting, and analyzing of art works in a variety of media including drawing, sculpture, and photography.

Credits: 4

Prerequisites/Restrictions: This course is not open to Seniors.

Core: Literature & The Arts

AR 102 - Exploring Art & Design

This course is an introduction to creating and analyzing art and graphic design. It is for anyone interested in the methods and materials used in a wide range of creative production. Students will be shown examples and gain experience creating original drawings, paintings, sculptures, graphic design, and digital media.

Credits: 4

Prerequisites/Restrictions: This course is not open to Seniors except by Special Permission of Instructor.

Core: Literature & The Arts

AR 115 - Digital Animation

This studio art course will teach students the technical, artistic and professional skills essential to the production of digital animation. Students will begin with simple introductory exercises that build in complexity, culminating in a short animated film.

Credits: 2

Core: Literature & The Arts

AR 204 - Introduction to Graphic Design

This course lays the groundwork for visual communications and design literacy, guiding students to understand how meaning is formed and expressed. We explore creativity and visual expression through the foundations of art & design while introducing key practices in the professional field of graphic design. We learn to create conceptually-rich pieces

of design through ideation and creative thinking, using the design process.

Credits: 4

Prerequisites/Restrictions: AR Majors and Minors Only (Open to all students during open registration)

Core: Literature & The Arts

AR 205 - Drawing I

Students will develop skills in mark making, formal visual principles, and abstract thought through assignments that survey different approaches to Drawing.

Credits: 4

Core: Literature & The Arts

AR 206 - Typography

Each of us uses type everyday (you're reading this typeset description!), learning to use it for effective and evocative communications is a valuable skill that can benefit anyone in any career path. The class examines the intricacies of letterforms and their semantic use; we go through creating letterforms, using type as expressive images, developing effective hierarchy to enhance readability and legibility, and writing and designing a short publication.

Credits: 4

Core: Literature & The Arts

AR 208 - Mixed Media

Mixed Media explores making art with a variety of materials. Students will experiment with non-digital art making techniques: pencil/ink drawing, stenciling, screen-printing, acrylic transfers, and paper marbling. In the second half of the semester students will make a body of work using multiple technical and conceptual approaches.

Credits: 4

Core: Literature & The Arts

AR 209 - Painting with Oil

In this course students develop skills working with paint, two dimensional formal principles, and abstract thought through assignments that survey different approaches to oil painting.

Credits: 4

Core: Literature & The Arts

AR 210 - Interaction With Color

This course will investigate the relativity of color through eight exercises and one final project. In addition to the basic elements of color theory, the perceptual, symbolic, and cultural significance of color are considered.

Credits: 4

Core: Literature & The Arts

AR 211 - Portraits

Students will use a variety of drawing materials to experiment with three approaches to portraiture: anatomical, psychological, and conceptual. The semester will end with a self-directed final project. Students are required to purchase a list of art supplies.

Credits: 4

Core: Literature & The Arts

AR 214 - Digital Animation and Motion Graphics

Digital Animation & Motion Graphics moves students with little or no knowledge of digital image creation and manipulation through the steps necessary to create animation, motion graphics, and video composites useful in web, television, gallery, mobile, and cinematic applications.

Credits: 4

Core: Literature & The Arts

AR 215 - Digital Imaging

An introduction to basic techniques and strategies for using digital imaging hardware and software for the production of both screen-based and printed artworks.

Credits: 4

Prerequisites/Restrictions: Art Majors/Minors only or Permission of Instructor

Core: Literature & The Arts

AR 217 - Introduction to Web Design

This course sets a foundation of current trends, history, techniques and tools used for the web. A mix of coding demonstrations and design critiques fuels investigation of design principles and practices. In order to gain a strong understanding of the medium, the course focuses on learning to write HTML/CSS code from scratch and creating original designs exploring online experiences of different sizes: from a single-page microsite to a systemized, multipage experience.

Credits: 4

Core: Literature & The Arts

AR 219 - Painting with Acrylic

Students will develop skills working with paint, two-dimensional form principles, and abstract thought through assignments that survey different approaches to acrylic painting. Students are required to purchase a package of art supplies either online or through the Saint Michael's Bookstore.

Credits: 4

Core: Literature & The Arts

AR 221 - Silkscreen Printmaking

Our exploration of creativity and visual expression will center around exercises and applied projects that introduce basic silkscreen techniques. Students will experiment with stencil making tools, learn to create color separations, and register multi-color prints through a series of guided exercises and projects. The final weeks of the semester will be devoted to a project that asks students to create their own content, develop their own style, and express their own point of view.

Credits: 4

Core: Literature & The Arts

AR 225 - Sculpture: Subject and Object

This course is an introduction to basic sculptural materials and techniques, foundational formal concepts specific to sculpture, and the development of three-dimensional artworks.

Credits: 4

Core: Literature & The Arts

AR 235 - Sculpture: Site and Installation

This course is an introduction to creating site-based, three-dimensional artworks using a wide range of sculptural techniques and materials. The course will focus on instructing students how to make artworks outside the confines of the studio and gallery.

Credits: 4

Core: Literature & The Arts

AR 261 - Kyoto, Japan: Aesthetic Perspective on Place

This half course offers students both background on the unique aesthetic quality that permeates Japanese art, design, architecture, sense of place, education, and spirituality as well as engagement in the creative process and artistic activities in media that will be experienced in the winter study program to Japan. Students enrolled in this course are expected to enroll in AR-262 Kyoto: Winter Study Trip.

Credits: 2

Prerequisites/Restrictions: Permission of Instructor

Core: N/A (Students must also complete AR-262 to earn CORE credit)

AR 262 - Kyoto, Japan: Summer Study Trip

In this two- week course based in Kyoto students will be immersed in the rich aesthetics of Japan. By visiting temples, gardens, schools, and arts studios, sampling sense of place and cuisine, and witnessing contrasts between tradition and modernity students will be inspired to engage in their own creative process.

Credits: 2

Prerequisites/Restrictions: AR-261

Core: Literature & The Arts

AR 301 - Wood Furniture Design & Construction

An introduction to foundational design principals and fine woodworking techniques relevant to the production of custom, heirloom quality wood furniture. Students will be instructed in the safe use of a range of tools and techniques used for fine woodworking.

Credits: 4

Prerequisites/Restrictions: AR-225 or AR-235 or TH-161 or Permission of Instructor.

Core: Literature & The Arts

AR 315 - Digital Video Art

This course is an introduction to basic techniques and strategies for using digital video cameras and professional digital video editing software for the production of video art.

Credits: 4

Core: Literature & The Arts

AR 320 - Brand Design

Brand Design is an exploration of graphically representing an entity or campaign. We first learn how to thoroughly explore a topic visually, then dive into logo creation, and on into expanding a visual voice across different applications (business card, social graphics, posters...). Through this exploration and application we start to not only understand but manipulate the meaning-making of images and typography.

Credits: 4

Prerequisites/Restrictions: AR 204 or AR 206 or AR 215 or AR 217 or DMC 110 or permission of instructor

Core: Literature & The Arts

When Offered: Fall

AR 321 - Brand Design II

Brand Design II expands skills and concepts learned in Brand Design (AR320) to create works suitable for a design portfolio. We dive deeper into creating a design system over a series of connected pieces. Projects are student-driven, using prompts or creative briefs as the starting points.

Credits: 4

Prerequisites/Restrictions: AR 320

Notes: Meets with AR-320

AR 330 - Introduction to Darkroom Photography

This course is designed as an introduction to the black-and-white photographic process as a means of visual expression. Students will learn to use the manual functions for a 35mm camera, process their own film, make prints in the darkroom and present their work in an art critique setting.

Credits: 4

Fee: Yes

Core: Literature & The Arts

AR 332 - Art & Ecology

This course will lead students to an understanding of interdisciplinary artwork that can be defined as EcoArt or Environmental Art through creative production, research, and analysis. These terms describe artworks created over the past 40 years that focus primarily on ecological or environmental issues.

Credits: 4

Core: Literature & The Arts

Crosslisted: ES-332

AR 335 - Introduction to Digital Photography

This course is designed as an introduction to digital photography as a means of visual expression. Students will learn to use the manual functions of a DSLR camera, shoot in RAW, upload images using Adobe Bridge, edit files with Photoshop, make digital prints and present work in an art critique setting.

Credits: 4

Core: Literature & The Arts

AR 340 - Intermediate Photography

This course is designed as a continuation of the introductory photography course (AR 130), with an emphasis on the crossover between traditional film processes and digital technology. Students will be exposed to new photographic formats, alternative darkroom techniques, and will be challenged to develop and refine their individual voices as art photographers. The culmination of the course will be an in-depth final portfolio that will be presented in an art gallery setting.

Credits: 4

Prerequisites/Restrictions: Either AR 330 (formerly AR 130) or AR 335

Fee: Yes

Core: Literature & The Arts

AR 382 - Topics in Studio Art

Examines in-depth topics selected from various areas of studio art. Course description and credit count for sections will be announced prior to registration.

Credits: Variable

Notes: May be repeatable as long as the topic is different.

AR 405 - Professional Practices in Art & Design

This course is designed to provide Seniors with skills to pursue a career in visual art and design. Students will learn how to assemble a portfolio, get their work online, give a public artist lecture, write an artist statement, an artist resume and an artist bio and apply for professional opportunities.

Credits: 2

Prerequisites/Restrictions: AR-415

AR 408 - Junior Studio

This course will guide students toward developing an independent studio art practice. Specific projects will be based on individual student interests with directed guidance and thematically relevant assignments from faculty. Students will also learn to develop research and professional practices in connection with the production of their art.

Credits: 4

Prerequisites/Restrictions: Art Majors Only; Juniors Only

Core: Literature & The Arts

AR 415 - Senior Studio

An individually planned studio program resulting in a thesis exhibition of a significant body of related works. Exhibitions will be in the McCarthy art gallery or another appropriate space on campus to be decided in consultation with faculty.

Credits: 4

Prerequisites/Restrictions: Majors Only; Seniors Only

Core: Literature & The Arts

AR 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

AR 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

BI 106 - Topics in Cellular and Molecular Biology

This lecture and laboratory course will focus on topics pertaining to the cellular level of biological organization. Examples of specific topics that may be explored in a given semester are: the cellular basis of health and disease; human genetics and inheritance; cancer; biotechnology, including the study of the moral implications of the rapidly evolving technology; the immune system; origin of life; reproduction and development.

Credits: 4

Prerequisites/Restrictions: Not open to Biology/Biochemistry/Environmental Science/Environmental Studies/Health Science/Neuroscience/Pre-Pharmacy Majors or Biology Minors (Restriction will be released for Open Registration period).

Fee: Dependent on Topic

Core: Scientific Inquiry

Notes: This course is a laboratory course designed for students who are not science majors and may not be counted toward the biology major or minor.

BI 108 - Topics in Organismal Biology

This lecture and laboratory course will emphasize scientific modes of inquiry through the study of topics pertaining to the organismal level of biological organization. Examples of specific topics that may be explored in a given semester are: human biology; animal behavior; embryology of plants and animals; physiological responses of plants and animals to the environment; the biology of a particular group of organisms, for example, plants, invertebrates, microorganisms, and human parasites.

Credits: 4

Prerequisites/Restrictions: Not open to Biology/Biochemistry/Environmental Science/Environmental Studies/Health Science/Neuroscience/Pre-Pharmacy Majors or Biology Minors (Restriction will be released for Open Registration period).

Fee: Dependent on Topic

Core: Scientific Inquiry

Notes: This course is a laboratory course designed for students who are not science majors and may not be counted toward the biology major or minor.

BI 110 - Topics in Evolutionary or Ecosystem Biology

This lecture and laboratory course will emphasize scientific modes of inquiry through the study of topics pertaining to the population level of biological organization. Examples of specific topics that may be explored in a given semester are: evolution; conservation biology; endangered species and the loss of biodiversity; climate change; food and energy resources; types of pollution and their impact on various ecosystems; human population growth; natural history of Vermont.

Credits: 4

Prerequisites/Restrictions: Not open to Biology/Biochemistry/Environmental Science/Environmental Studies/Health Science/Neuroscience/Pre-Pharmacy Majors or Biology Minors (Restriction will be released for Open Registration period).

Fee: Dependent on Topic

Core: Scientific Inquiry

Notes: This course is a laboratory course designed for students who are not science majors and may not be counted toward the biology major or minor.

BI 151 - Introduction to Ecology and Evolution

This course introduces ecology and evolution. Our approach is problem- and inquiry-based. Lectures, case studies, and discussions present biological concepts relevant to real world problems.

Credits: 4

Prerequisites/Restrictions: Open to (Biology, Biochemistry, Environmental Science, Environmental Studies, Neuroscience and Pre-Pharmacy Majors) and Biology Minors Only; Concurrent registration in BI-151L is required.

Fee: Yes

Core: Scientific Inquiry

When Offered: Fall

BI 151L - Introduction to Ecology & Evolution Lab

The Intro to Ecology and Evolution laboratory promotes hypothesis testing and experimental design during semester-long projects. Students develop proficiency with scientific reasoning and learn the importance of biological principles in the natural world.

Credits: 0

Prerequisites/Restrictions: Open to (Biology, Biochemistry, Environmental Science, Environmental Studies, Neuroscience and Pre-Pharmacy Majors) and Biology Minors Only; Concurrent registration in BI-151 is required.

BI 152 - Introduction to Health Science

Introduces students to the study of human health, including the effects of stress on physiology, the ecology and evolution of infectious disease, the functions of the immune system, factors that impact the prevention and treatment of chronic disease, and contemporary issues in health sciences.

Credits: 4

Prerequisites/Restrictions: BC, BI, HS, NS or PB Majors and BI Minors Only (Restriction will be removed for incoming first year students); Concurrent registration in BI-152L is required.

Fee: Yes

Core: Scientific Inquiry

Notes: This course is designed for students interested in the following majors: Health Science, Biology, and Neuroscience.

BI 152L - Introduction to Health Science Lab

The Intro to Health Science laboratory promotes proficiency with scientific reasoning and biological principles as they relate to human health and disease.

Credits: 0

Prerequisites/Restrictions: Concurrent registration in BI-152 is required.

Notes: This course is designed for students interested in the following majors: Health Science, Biology, and Neuroscience.

BI 153 - Introductory Cell Biology and Genetics

Introduces the disciplines of cellular biology, genetics, and molecular biology. Our approach is problem- and inquiry-based. Lectures, case studies, and discussions present biological concepts relevant to real world problems. Labs promote hypothesis testing and experimental design. Students develop proficiency with scientific reasoning and learn the importance of biological principles in the natural world.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 or PB-101) Minimum Grade C- or Permission of Instructor; Concurrent registration in BI-153L is required.

Fee: Yes

Core: Scientific Inquiry

Notes: Required for biochemistry, biology and pre-health care career students; others by permission of the department.

When Offered: Spring

BI 153L - Introductory Cell Biology and Genetics Lab

Introduces the disciplines of cellular biology, genetics, and molecular biology. Our approach is problem- and inquiry-based. Lectures, case studies, and discussions present biological concepts relevant to real world problems. Labs promote hypothesis testing and experimental design. Students develop proficiency with scientific reasoning and learn the importance of biological principles in the natural world.

Credits: 0

Prerequisites/Restrictions: (BI-151 or BI-152 or PB-101) Minimum Grade C- or Permission of Instructor; Concurrent registration in BI-153 is required.

Notes: Required for biochemistry, biology and pre-health care career students; others by permission of the department.

When Offered: Spring

BI 205 - Communications in the Biological Sciences

This course will help students (1) develop skills in locating, reading, and evaluating professional literature in the biological sciences ; (2) develop skills in presenting scientific research or other biological information orally and in writing; and (3) improve their ability to statistically evaluate, analyze, and present biological data.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-); Biology/Neuroscience/Pre-Pharmacy Majors Only.

Notes: Group discussions and individual consultations. Fulfills writing intensive requirement for the Biology and Neuroscience majors.

BI 207 - Human Anatomy and Physiology I

Students will study the structures of the vertebrate body and will also learn how vertebrate structure has been modified over evolutionary time. The primary focus will be on mammalian, including human, anatomy.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-); Concurrent

registration in BI-207L required.

Fee: Yes

BI 207L - Human Anatomy and Physiology I Lab

Students will study the structures of the vertebrate body and will also learn how vertebrate structure has been modified over evolutionary time. The primary focus will be on mammalian, including human, anatomy.

Credits: 0

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-); Concurrent registration in BI-207 required.

BI 215 - Epidemiology

Epidemiology is the science of public health. Disease shapes local communities worldwide and our interconnected global community fosters the fast spread of worldwide pandemic disease. Topics include etiology of infectious and chronic disease, disease patterns and determinants, study designs, association and causation, and global public health issues.

Credits: 4

Prerequisites/Restrictions: Minimum Sophomore Standing and (BI-151 or BI-152 or PB-101 Minimum Grades C-)

Fee: Yes

BI 219 - Human Anatomy and Physiology II

A comprehensive study of human physiology that will include all major organ systems. The laboratory explores fundamental concepts of human physiology in a hands-on manner that includes data collection and analysis, a formal lab report including relevant literature, and a student-designed project.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and CH-110; Concurrent registration in BI-219L required.

Fee: Yes

When Offered: Spring

BI 219L - Human Anatomy and Physiology II Lab

A comprehensive study of human physiology that will include all major organ systems. The laboratory explores fundamental concepts of human physiology in a hands-on manner that includes data collection and analysis, a formal lab report including relevant literature, and a student-designed project.

Credits: 0

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and CH-110; Concurrent registration in BI-219 required.

When Offered: Spring

BI 222 - Population and Evolutionary Genetics

Study of the principals of classical (Mendelian) genetics, population and evolutionary genetics, and human genetics. Topics will include the chromosomal and molecular basis of inheritance, transmission genetics, genetics of natural populations, evolutionary mechanisms (i.e. genetic drift, mutation, and selection), ecological genetics, and genetic analysis of human health and disease.

Credits: 4

Prerequisites/Restrictions: (BI-153 Minimum Grade C-) and CH-110

Fee: Yes

BI 223 - Molecular Genetics

The study of gene structure, function and regulation. Lecture topics include chromosomes, transcription and translation, replication, gene regulations, genetic variation, epigenetics, recombinant DNA technologies, and the molecular processes that govern genome evolution. The laboratory explores how molecular techniques are used to answer questions in this field.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and CH-110.

Fee: Yes

When Offered: Spring

BI 225 - Cell Biology

The study of cell structure and function. Topics include cellular biochemical processes, cell membranes, organelles, the cytoskeleton, nuclear function, cell division, and cell behavior. Lecture and laboratories will emphasize an experimental and quantitative approach.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and CH-110 and CH-117 or Permission of Instructor; Minimum Sophomore Standing ; Concurrent registration in BI-225L is required.

Fee: Yes

When Offered: Fall

BI 225L - Cell Biology Lab

The study of cell structure and function. Topics include cellular biochemical processes, cell membranes, organelles, the cytoskeleton, nuclear function, cell division, and cell behavior. Lecture and laboratories will emphasize an experimental and quantitative approach.

Credits: 0

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and CH-110 and CH-117 or Permission of Instructor; Minimum Sophomore Standing; Concurrent registration in BI-225 is required.

BI 230 - General Microbiology

BI 230 covers foundational microbiological topics in a comprehensive 200-level course. This course surveys the diverse microbial world, emphasizing the role of prokaryotes in health and disease, the environment, and biotechnology.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and CH-110 and CH-117 or Permission of Instructor; Concurrent registration in BI-230L is required.

Fee: Yes

Notes: Credit cannot be granted for both BI 230 and BI 315

BI 230L - General Microbiology Lab

General Microbiology laboratories focus on experimental design in bacteriology and provide a solid foundation in microbiological techniques.

Credits: 0

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and CH-110 and CH-117 or Permission of Instructor; Concurrent registration in BI-230 is required.

BI 235 - Topics in Biology

Different specific topics will be offered and all will be intended primarily for sophomore biology majors; specific topics will depend on program needs and faculty expertise.

Credits: Variable

Fee: Dependent on Topic

Notes: May be repeatable as long as the topic is different.

BI 237 - Coastal Biology of Ireland

This course explores biology of the Dingle Peninsula including rocky intertidal habitats, dunes, wind-swept hills, streams, and lakes. This combination of habitats shapes the flora and fauna presenting unique study opportunities. The cultural setting is dramatically different than that typically experienced by St. Michael's College students.

Credits: 2

Prerequisites/Restrictions: (BI-151, BI-152 or ES-107, Minimum Grade C-) and Permission of Instructor

Notes: Enrollment by application, limited to space available. Admission is selective based upon academic performance and potential to be a responsible and contributing group member during the work in Ireland. Travel costs must be paid by students and are not covered by their financial aid packages.

When Offered: Summer

BI 240 - Aquatic Biology

Aquatic Biology will cover marine biology and freshwater biology in both lecture and laboratory sessions. This course will require a weekend trip to visit marine habitats and a Saturday trip on Lake Champlain. Course content will include uniquely evolved adaptations to salt and fresh water.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 or ES-107) Minimum Grade C

Fee: Yes

When Offered: Fall

BI 247 - Plant Science and Agriculture

This course focuses on the complex relationship between plant biology and agricultural practices. Crop yield, pathogens and pests, drought tolerance, breeding and genetic engineering, fertilizers and soil, and farm systems will be explored in both the lecture laboratory portions of this course with an emphasis on applied problem solving.

Credits: 4

Prerequisites/Restrictions: BI-151 Minimum Grades C-

Fee: Yes

When Offered: Fall

BI 249 - Tropical Ecology

This course investigates the unique and complex structure of tropical ecosystems, which contain some of the highest biodiversity on the planet. We examine the evolutionary history of these ecosystems and the intricate interactions among flora and fauna. This serves as prerequisite to BI-250 Field Tropical Ecology: Costa Rica.

Credits: 2

Core: Scientific Inquiry (Upon completion of both BI-249 and BI-250)

BI 250 - Field Tropical Ecology: Costa Rica

Students will travel to Costa Rica to compare the ecology and biodiversity of three tropical ecosystems: dry forest, cloud forest, and lowland rain forest. The importance of these ecosystems for wildlife conservation and global climate regulation will be highlighted. Students will conduct research projects at two of the sites.

Credits: 2

Prerequisites/Restrictions: BI-249 and Permission of Instructor.

Core: Scientific Inquiry (Upon completion of both BI-249 and BI-250)

Notes: Enrollment by application, limited to space available. Admission is selective based upon academic performance and potential to be a responsible and contributing group member during the work in Costa Rica. Travel costs must be paid by students and are not covered by their financial aid packages.

BI 257 - Virology

Viruses impact all life on Earth. This course explores the viral diversity, viral structure, how they move from host to host, how they invade host cells, and the consequences of infection. In addition, we examine mammalian viral diseases, human anti-viral immune defenses, and strategies for protecting against viral pathogens.

Credits: 4

Prerequisites/Restrictions: BI-153 (Minimum grade C-) and CH-110

BI 259 - Nutrition

This course provides a foundational understanding of the science of nutrition, with a focus on biochemical and metabolic processes. It will be taught through a wide lens of biological, social, cultural, and environmental factors. Students will develop an ability to interpret evidence-based nutrition information to use in healthcare or science related careers, as well as in their own lives.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 or PB-101 Minimum Grades C-) and (BI-153 Minimum Grade C-) and (CH-110 and CH-117 Minimum Grades C) must be completed prior to taking this course.

BI 260 - Behavioral Ecology

The study of ethology: animal behavior from an evolutionary perspective. Class sessions explore mechanisms of behavior, development of behavior, and behavioral ecology of animals from a wide range of taxa. The laboratory work involves development of strong observational skills and execution of analytical research. Field trips to off-campus locations are required.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-).

Fee: Yes

BI 318 - Cellular/Molecular Neuroscience

This course covers cellular/molecular aspects that govern signal transmission. We explore the actions of venoms and drugs on neurons, neurotransmitter systems and signal processing in sensory systems. Other topics include development and the phylogenetic diversity of nervous systems. During lab we employ commonly used methods in cellular/molecular neuroscience.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and (CH-110 and CH-117 Minimum Grades C) or Permission of Instructor.

Fee: Yes

BI 319 - Toxicology

This course will explore the nature and cellular actions of toxins and venoms. We discuss their effects on living organisms, ecosystems, and global implications. We will explore biomedical relevance and social implications of toxins and drugs, and discuss mitigating actions to reduce toxic burdens on both living organisms and ecosystems.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grade C-) and (BI-153 Minimum Grade C-) and (CH-110 Minimum Grade C)

Fee: Yes

When Offered: Spring

BI 320 - Neuroscience: Physiology/Behavior

A comprehensive study of physiological processes underlying information processing in the brain, with an emphasis on humans. The lecture will consist of investigations of the electrophysiological properties of neurons, as well as the functional roles of important regions of the brain. The laboratory will include anatomy, modeling, and experiments.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and (CH-110 Minimum Grade C) or Permission of Instructor.

Fee: Yes

When Offered: Fall

BI 323 - Molecular Genetics for PPH

This course exposes students on the Pre-Pharmacy track to gene structure, function and regulation. Lecture topics include chromosomes, transcription and translation, replication, gene regulations, genetic variation, epigenetics, recombinant DNA technologies, and the molecular processes that govern genome evolution. The laboratory explores how molecular techniques are used to answer questions in this field.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and CH-110 and CH-117 and permission of instructor.

Fee: Yes

BI 335 - Advanced Topics in Biology

A course on a topic not offered on a regular basis. Different specific topics will be offered, and will be intended for junior and senior biology majors.

Credits: 4

Prerequisites/Restrictions: BI-151 Minimum Grade C- and/or BI-153 Minimum Grade C- and perhaps some additional courses, depending on the specific topic.

Fee: Dependent on Topic

Notes: May be repeatable as long as the topic is different.

BI 342 - Community Ecology

This course covers the biology of ecological communities. The course emphasizes biological diversity measurement, preservation, and human influences on biological communities. Core concepts include keystone species, dominant species, disturbance effects, and species co-occurrence. Approach includes assigned readings with hands-on investigation in the field and laboratory.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 or ES-107) Minimum Grade C

Fee: Yes

When Offered: Fall

BI 345 - Developmental Biology

The study of the progressive changes in gene expression and cell interactions that determine the form of an organism at all points of its life cycle. Lectures consider several topics, including embryology, cell differentiation, cell communication, and spatial organization. Laboratories explore selected topics considered in lecture.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and CH-110 and CH-117.

Fee: Yes

BI 355 - Evolution

An examination of the biological processes underlying evolution: adaptation and diversification, (both empirical and theoretical perspectives). We examine areas of current research like molecular phylogenetics and evolution of development. Related topics include historical development, evolutionary philosophy, and social relevance. Laboratory exercises illustrate techniques used to study evolution, including experiments and simulations.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C) and CH-110 or Permission of Instructor; Sophomores, Juniors and Seniors Only.

Fee: Yes

When Offered: Spring

BI 356 - Human Evolution

An introduction to human biological and cultural evolution. We will explore our relationships with other primates and trace the evolution of our lineage over the past several million years highlighting key points on our evolutionary path.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) or Permission of Instructor; Sophomores, Juniors and Seniors Only; Biology and Sociology/Anthropology and Health Science Majors Only

Fee: Yes

Core: Scientific Inquiry

When Offered: Spring

BI 365 - Immunology and Parasitology

An introduction to the: i) biology of the human immune system and mechanisms used to protect against infection, and ii) diversity, biology, and significance of micro- and macro-parasites influencing human health and disease. Students learn about immune cells and molecules, mechanisms of innate and adaptive immunity, consequences of infection, parasite epidemiology, and patterns of host-parasite co-evolution. Labs explore parasite diversity and life-cycles, and molecular- and antibody-based immune assays.

Credits: 4

Prerequisites/Restrictions: (BI-151 or BI-152 Minimum Grades C-) and (BI-153 Minimum Grade C-) and CH-110.

Fee: Yes

When Offered: Fall

BI 410 - Senior Seminar

This course provides a capstone experience for students to review biological literature, demonstrate oral and written communication skills, and discuss societal implications of biology, including moral and ethical dimensions of the practice and application of biology within the broader context of the liberal arts.

Credits: 4

Prerequisites/Restrictions: Biology, Health Science and Public Health Majors Only; Seniors Only or Permission of Instructor.

BI 420 - Biological Research

Biological Research provides an opportunity for students who have demonstrated good academic performance and strong motivation to undertake a laboratory or field investigation with a member of the biology faculty. The results must be reported in written form and presented in a seminar.

Credits: Variable

Prerequisites/Restrictions: Permission of Instructor required.

Notes: One or two semesters.

BI 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

BI 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

BU 103 - Managerial Ethics

Managerial ethics examines the ethical context in which managers operate. This course discusses the functional areas of business, ethical principles, and models of ethical decision-making. Sections covered include moral philosophy, ethical implications of government policies and markets, business ethics, and stakeholders. Students will apply ethical decision-making to situations that managers face.

Credits: 4

BU 110 - Personal Financial Literacy

This course covers key principles, processes, and techniques related to managing one's own personal finances. The goal is for students to make more informed personal finance decisions and be wiser money managers and consumers of financial services and products.

Credits: 4

Prerequisites/Restrictions: First-year and Sophomore Students Only

Core: Quantitative Reasoning

Notes: Does not satisfy BU elective. Students cannot take both BU-110 and BU-310.

BU 111 - Excel and Business Applications

Part one of this course introduces students to Microsoft Excel via an online platform of lessons and exams. The course prepares students for the MOS Excel 2019 Associate Certification, which is optional. There is a separate testing fee payable to Saint Michael's.

Part two explores information technology and trends in business application of technology. We will explore relevant and current research for management and leadership in today's data and thought-driven economy.

Credits: 4

Notes: Credit will not be given for BU-111 if credit has been given for BU-175.

BU 175 - Microsoft Excel (Online)

The course aims to develop skill in the core and advanced functions in Microsoft Excel software. Core Excel functions include create and manage worksheets and workbooks, create tables, and perform operations with formulas and functions. Advanced Excel functions include apply custom data formats and create advance charts and tables. This course provides a pathway to the MOS Excel Certification, an external test administered through a testing center for additional fee (not part of the course).

Note: This course is an online course with an optional meeting time listed for students seeking extra help.

Credits: 2

Notes: Credit will not be given for BU-175 if credit has been given for BU-111.

For Major: Counts toward the 6 elective credits required.

For Minor: Counts toward the 4 elective credits required.

BU 190 - Topics in Business Administration

An examination of a topic at the introductory level not offered by the department on a regular basis. Topics will vary depending on the interest of the faculty.

Credits: Variable

Notes: May be repeatable if topic is different.

Fulfills a BU elective.

BU 205 - Principles of Business Communication

This course enhance students' understanding of communication theory and capability in multiple communication channels and situations. Also develops critical thinking skills and ethical integrity in discerning credible information and responding appropriately.

Credits: 4

Prerequisites/Restrictions: This course is not open to Seniors.

BU 209 - Legal Environment of Business

This course will explore the nature of the law and the judicial system, their relationship to consumers, ethical behaviors, and the business enterprise. It will introduce students to basic legal concepts governing business transactions, as well as to the constraints imposed and protections offered by the law. Students will also acquire an appreciation for how the contemporary American legal system operates.

Credits: 4

Prerequisites/Restrictions: BU-103 or BU-113 or AC-141; Sophomores, Juniors and Seniors Only.

BU 214 - Management

This survey course covers the basic principles and management fundamentals of planning, organizing, leading, and controlling. Topics covered include leadership, group dynamics, team management, motivation, and communication skills.

Credits: 4

Prerequisites/Restrictions: BU-103 or AC-141 or AC-143; AC/BU Majors and Minors and IS Majors Only.

BU 215 - Marketing

This course will provide a review of the fundamental topics in marketing management and allow students to engage with the main analytic and decision-making tools used by marketing managers. The focus of the course will be on how organizations must shape each of the elements of the marketing mix in response to various environmental factors in order to achieve competitive advantage.

Credits: 4

Prerequisites/Restrictions: BU-103 and AC-143; Juniors and Seniors Only; Business Majors and Minors Only.

BU 216 - Finance

BU 216 is the required finance course for the Business Administration and Accounting programs. The course provides an overview of key finance principles and practices relevant to business decision-making and presents students with the finance tools necessary to develop the knowledge and skills currently in demand by employers.

Credits: 4

Prerequisites/Restrictions: (AC-141 or AC-143) and EC-101 and (ST-120 or ST-140 or ST-251 or ST-252 or PS-

213); BU and AC Majors and Minors and Finance Minors Only.

Notes: AC 141 is recommended prior to taking this course, but it is not required.

BU 218 - Analytics in Operations

Businesses leverage to gain and sustain competitive advantage through fact-based decisions that use business/data analytics techniques such as descriptive, predictive, and prescriptive analytics. Students will learn how to use application software (such as Microsoft Access and Excel, R-Studio, SPSS, Tableau, etc.) to analyze business key performance indicators (KPIs) and make fact-based decisions and recommendations. As part of this course requirement, students must conduct a gap analysis on a real company's KPIs.

Credits: 4

Prerequisites/Restrictions: (BU-103 or AC-141) and AC-143 and (BU-214 or AC-221) and EC-101 and (ST-120 or ST-140 or ST-251 or PS-213); BU/AC/IS Majors and BU Minors Only; Juniors and Seniors Only.

BU 250 - Business, Government and Health Care the Danish Way

This course explores institutions and policies of Denmark in three specific realms – business, politics and health care (broadly defined) - by examining their structures and functions, as well as the values and cultural institutions that inspired and maintain them. Our exploration will employ a comparative approach, using the corresponding institutions, policies and values of the United States.

Credits: 2

Notes: This course is the pre-requisite for BU/PO/PB 251, Business, Government, and Health Care the Danish Way Study Tour.

Crosslisted: PO 250, PB 250

BU 251 - Business, Government and Health Care the Danish Way Study Tour

This 12-day study tour will visit Copenhagen to study Danish culture, business, government, and health care. We will visit with Danish businesses including Lego; government institutions including Parliament; and health care experts and practitioners to understand how Danish values inform and influence business and public policy. Visits to cultural sites such as the National Gallery of Denmark, Rosenborg Castle, and Tivoli Gardens will enable you to learn more about Denmark's history and culture.

Credits: 2

Prerequisites/Restrictions: BU/PO/PB 250

Crosslisted: PO 251, PB 251

BU 271 - International Business

This course will concentrate on the main themes and issues facing internationally active firms today. Students will see how organizations must adapt to differing cultures, political and economic systems. The course will also review the role (both positive and negative) of governments, the operation of the global trade and monetary systems and the flow of foreign direct investment.

Credits: 4

BU 290 - Topics in Business Administration

An examination of a topic at the introductory level not offered by the department on a regular basis. Topics will vary depending on the interests of the faculty.

Credits: 4

Notes: May be repeatable if topic is different.

Fulfills a BU elective.

BU 310 - Personal Finance

This course covers key topics of personal finance including investments, taxes, insurance, major purchases and retirement planning. After taking this course, you will be better informed and feel more prepared to make decisions about your financial future.

Credits: 4

Prerequisites/Restrictions: Juniors & Seniors Only

Core: Quantitative Reasoning

Notes: Not open to students who have completed BU-110.

BU 313 - Leadership

Leadership introduces students to the skills and theories of leadership. Students will primarily study examples of leadership in films and the textbook. In addition, students will explore the ways people are influenced and develop their ability to influence others by analyzing their own style through cases and exercises.

Credits: 4

Prerequisites/Restrictions: BU 214 or Permission of Instructor; Seniors Only.

BU 319 - International Finance

This course provides a framework for analyzing key financial decisions for a global firm and investor, particularly related to foreign exchange and markets. Students explore how world developments impact global equity and currency markets, how companies and investors manage foreign exchange risk, and how international financial markets are structured.

Credits: 4

Prerequisites/Restrictions: EC-101

Notes: Optional Applied Language Component

BU 321 - Human Resources Management

This course covers a broad range of human resource areas: job design and analysis, human resource planning, recruitment and selection, training, performance appraisal, compensation, health and safety, and employee and union relations. Also considered are government regulations and contemporary issues in HRM.

Credits: 4

Prerequisites/Restrictions: BU-214; Juniors and Seniors Only or Permission of Instructor.

BU 331 - Investments

This course presents fundamental theories and approaches to investment decisions. Covering both debt and equity markets, with primary focus on equity, it emphasizes hands-on assignments based on core concepts and typical "real-world" analysis. The prime objective is to help students become intelligent consumers of investment information.

Credits: 4

Prerequisites/Restrictions: BU 216; Juniors & Seniors Only

BU 355 - Operations Management

This course discusses the concepts and techniques involved in designing and managing production and service operations. It focuses on major operational challenges, decision-making, and problem-solving from product/service conception through planning and design to inventory and logistics while managing quality and improving operations. Students will learn about project management, forecasting, and upstream and downstream supply chain activities and will be expected to complete a supply-chain risk management project.

Credits: 4

Prerequisites/Restrictions: AC-143, BU-214, and (PS-213 or ST-120); Juniors and Seniors Only.

BU 361 - Business Strategy

This course concentrates on the total business environment and how the various functional areas of business are integrated by managers. The course is based upon the study of strategy formulation and implementation. Using a combination of assignments, the course gives students the opportunity to see how managers can lead firms to attain organizational goals.

Credits: 4

Prerequisites/Restrictions: AC-143 and (Two of the following courses: BU-214, BU-215, BU 216); BU Majors and Minors and IS Majors Only; Seniors Only.

Notes: Fulfills Written Communication requirement for the Business Administration major.

BU 407 - Sports Marketing

Provides the aspiring sport manager with an overview of the major marketing issues facing the sport industry. Course content focuses on developing basic knowledge and understanding of sport marketing and sponsorship for education, recreational and professional settings. Attention is given to the history of sport marketing, principles of marketing

applied to the sport industry, sport consumer behavior, research tools, corporate sponsorship, and evaluation of sport marketing programs.

Credits: 4

Prerequisites/Restrictions: BU-215

BU 440 - Entrepreneurship

BU 440 is focused on four key areas of entrepreneurship: The challenges, both financial and psychological, of starting a business or nonprofit organization; marketing a start-up in light of limited resources, preparation of business plan or other document for investors and daily management issues faced by entrepreneurs.

Credits: 4

Prerequisites/Restrictions: BU 214

When Offered: Fall

BU 443 - International Marketing

This course is focused on the application of marketing techniques in the global marketplace. It will address the changing economic, social and political variables which a firm must deal with when it begins marketing its products or services outside of its home country and how these variables can impact marketing strategies.

Credits: 4

Prerequisites/Restrictions: BU 215 or BU 271

BU 452 - New Business & Management Practices

This course supports participants' exploration of personal interests in emerging business and management practices. It draws on participants' curiosity and personal initiative to examine novel approaches and ideas in business or management. Participants will expand their knowledge and skills through the application of previously acquired business knowledge and skills.

Credits: 2

Prerequisites/Restrictions: BU-214; BU and AC Majors and BU Minors Only; All Other majors by Permission of Instructor; Juniors and Seniors Only.

BU 462 - Advanced Topics in Finance

In this advanced topics course, contemporary issues in finance are addressed on a one-time basis. Specific information about a topic being offered in a given semester can be obtained from the faculty member offering the course or the department chair.

Credits: 4

Prerequisites/Restrictions: BU 216

Notes: May be repeatable as long as the topic is different.

BU 463 - Advanced Topics in Management

In this advanced topics course, contemporary issues in management are addressed on a one-time basis. Specific information about a topic being offered in a given semester can be obtained from the faculty member offering the course or the department chair.

Credits: Variable

Prerequisites/Restrictions: BU-214; BU/AC Majors and BU Minors Only; Sophomores, Juniors and Seniors Only. (For Open Registration, course will be open to all students with Permission of Instructor.)

Notes: May be repeatable as long as the topic is different.

BU 464 - Advanced Topics in Marketing

In this advanced topics course, contemporary issues in marketing are addressed on a one-time basis. Specific information about a topic being offered in a given semester can be obtained from the faculty member offering the course or the department chair.

Credits: 4

Prerequisites/Restrictions: BU-215; BU/AC Majors Only; Juniors and Seniors Only.

Notes: May be repeatable as long as the topic is different.

BU 465 - Advanced Topics in International Business

Business administration and accounting are constantly undergoing change and modernization. It is important, therefore, to be able to respond in the classroom. In this special topics course, contemporary issues in international business and topics of current interest are addressed on a one-time basis. Specific information about a topic being offered in a given semester can be obtained from the faculty member offering the course or the department chair.

Credits: 4

Prerequisites/Restrictions: BU 271

BU 494 - Negotiations

Negotiations focuses on reviewing a broad base of concepts and theories related to processes of negotiation and dispute resolution. Using a variety of exercises, students will have the opportunity to develop their negotiation skills in several situations. Students will also explore and analyze a current "real life" negotiation.

Credits: 4

Prerequisites/Restrictions: BU 214

BU 496 - Organizational Problem Solving

This course will give students the opportunity to work in teams and take on the role of external consultants. In this role, they will meet with representatives from an assigned client organization and then conduct research culminating in a presentation of recommendations to the client dealing with the assigned issue, challenge or problem. Students will also

learn career-relevant competencies.

Credits: 4

Prerequisites/Restrictions: (BU-214 and BU-215) or AC-221; Seniors Only; BU/AC Majors Only

Notes: No credit will be given for BU-496 if student has already received credit for ID-498 or is currently enrolled in ID-498.

BU 499 - Business Administration and Accounting Internship II

This course is designed for a student's second internship experience. Upon registration for this course, you will need to make an appointment with a Career Coach in the Career Education Center. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions:

- BU-498 or BU-499
- 2.0 GPA or higher
- BU/AC Majors and Minors only
- Juniors and Seniors only

Notes: Students must secure an approved internship site and complete the required forms before the start of the course, and they must make an appointment with a Career Coach in Handshake to ensure their internship is approved for academic credit. Registration is final AFTER this process has been completed.

May be repeatable.

CH 101 - Concepts in Chemistry

The classical principles of chemistry, applied to modern-day science and technology. Possible topics include nutrition, food additives, drugs, nuclear power, plastics, and environmental problems. The laboratories provide students with the fundamentals of chemical experimentation, observations, and instrumentation, with an emphasis on everyday materials and experiences.

Credits: 4

Fee: Yes

Core: Scientific Inquiry

CH 103 - Chemistry Magic

In this course, students train for and perform a chemistry magic show for local elementary school children. Additionally, fundamental chemistry principles are explored through the lens of history and the chemistry underlying student-selected topics is explored. Topics have included environmental technologies, athletics, nutrition, drugs, and modern materials.

Credits: 4

Core: Scientific Inquiry

CH 108 - Topics in Chemistry

An examination of a topic at the introductory level not offered by the department on a regular basis. Topics will vary depending on the interests of the faculty.

Credits: Variable

Notes: May be repeatable if topic is different.

CH 109 - Math Skills and Problem Solving for Chemistry

'Math Skills for Chemistry' is a preparatory math course offered concurrently to students taking General Chemistry 1. It is designed to support the material taught in that course, with a special focus on the math and calculations that are necessary for success in general chemistry.

Credits: 1

Prerequisites/Restrictions: Concurrent registration in CH-110 General Chemistry I

CH 110 - General Chemistry I

A comprehensive study of quantitative relationships in chemical reactions. Topics include stoichiometry, atomic structure and periodicity, gases and kinetic-molecular theory, bonding and molecular structure, and basic quantum theory.

Credits: 4

Prerequisites/Restrictions: Concurrent registration in CH-110L is required.

Fee: Yes

Core: Scientific Inquiry

CH 110L - General Chemistry I Lab

The General Chemistry I laboratory focuses on qualitative and quantitative analytical methods, and gives an introduction to synthetic techniques.

Credits: 0

Prerequisites/Restrictions: Concurrent registration in CH-110 is required.

CH 117 - Organic Chemistry I

A study of organic reactions with emphasis on functional groups, reactive intermediates, reaction mechanisms, and syntheses. The laboratory introduces students to organic laboratory techniques with emphasis on syntheses, qualitative analysis, and instrumental methods.

Credits: 4

Prerequisites/Restrictions: CH-110 Minimum grade C or Permission of Instructor; Concurrent registration in CH-117L is required.

Fee: Yes

Notes: Two-semester sequence.

CH 117L - Organic Chemistry I Lab

A study of organic reactions with emphasis on functional groups, reactive intermediates, reaction mechanisms, and syntheses. The laboratory introduces students to organic laboratory techniques with emphasis on syntheses, qualitative analysis, and instrumental methods.

Credits: 0

Prerequisites/Restrictions: CH-110 Minimum grade C or Permission of Instructor; Concurrent registration in CH-117 is required.

CH 207 - Organic Chemistry II

A study of organic reactions with emphasis on functional groups, reactive intermediates, reaction mechanisms, and syntheses.

Credits: 4

Prerequisites/Restrictions: CH-117 Minimum Grade C; Concurrent registration in CH-207L is required.

Fee: Yes

Notes: Two-semester sequence.

CH 207L - Organic Chemistry II Lab

The Organic Chemistry II laboratory introduces students to organic laboratory techniques with emphasis on syntheses, qualitative analysis, total synthesis and instrumental methods.

Credits: 0

Prerequisites/Restrictions: Concurrent registration in CH-207 is required.

CH 208 - General Chemistry II

A comprehensive study of quantitative relationships in chemical reactions. Topics include basic thermodynamics relationships, reaction kinetics, equilibria, acid-base theory, electrochemistry, and descriptive chemistry. The laboratory focuses on qualitative and quantitative analytical methods, and total synthesis and analysis techniques.

Credits: 4

Prerequisites/Restrictions: CH-110 Minimum Grade C or Permission of Instructor; Concurrent registration in CH-208L is required.

Fee: Yes

Notes: Two-semester sequence.

CH 208L - General Chemistry II Lab

A comprehensive study of quantitative relationships in chemical reactions. Topics include basic thermodynamics relationships, reaction kinetics, equilibria, acid-base theory, electrochemistry, and descriptive chemistry. The laboratory focuses on qualitative and quantitative analytical methods, and total synthesis and analysis techniques.

Credits: 0

Prerequisites/Restrictions: CH-110 Minimum Grade C or Permission of Instructor; Concurrent registration in CH-208 is required.

CH 301 - Integrated Chemical Analysis

A laboratory-centered survey of selected methods of chemical analysis including classical "wet" techniques, basic chemical instrumentation, and analysis of various samples chosen to demonstrate the applicability of chemical analysis in fields such as water quality and food chemistry, to name a few. The use of MS-Excel, scientific writing, and statistical techniques for data analysis are emphasized. This class includes components of the ethics of scientific research (specifically in the fields of chemistry, environmental science, and medicine).

Credits: 4

Prerequisites/Restrictions: CH-117 and CH-208 Minimum Grades C; Chemistry, Biochemistry and Environmental Science Majors & Chemistry Minors Only.

Fee: Yes

CH 302 - Chemical Thermodynamics and Kinetics

A detailed examination of classical equilibrium thermodynamics and chemical kinetics. The accompanying laboratory is structured to emphasize the topics covered in the lecture. This course covers topics traditionally covered in the first semester of physical chemistry.

Credits: 4

Prerequisites/Restrictions: CH 207 and CH 208 and (MA 160 or MA 211) and (PY 211 or PY 221)

Fee: Yes

CH 304 - Quantum Chemistry and Spectroscopy

Treatment of elementary quantum mechanical theory with applications to atomic and molecular structure and spectroscopy. The accompanying laboratory emphasizes experimental applications of the theoretical ideas developed in lecture. This course covers topics traditionally covered in the second semester of physical chemistry; however, students may take it without completing the first semester, CH 302 Chemical Thermodynamics and Kinetics.

Credits: 4

Prerequisites/Restrictions: CH-207 and CH-208 and (PY-211 or PY-221) and (MA-160 or MA-211)

Fee: Yes

CH 305 - Inorganic Chemistry

A broad study of many aspects of inorganic chemistry. The use of periodic trends and fundamental principles of inorganic chemistry is emphasized to analyze the chemistry of the elements. Other topics include group theory, molecular orbital theory, solid state chemistry, and spectroscopy of inorganic and organometallic compounds. Applications of inorganic chemistry to catalysis, nanotechnology, biochemistry, and environmental chemistry are considered. The laboratory consists of the synthesis, purification, and characterization of inorganic and organometallic compounds.

Credits: 4

Prerequisites/Restrictions: CH-215, CH-302, or CH-304

Fee: Yes

CH 308 - Environmental Chemistry

A study of the chemistry of current environmental problems, their impacts on the global community, and potential solutions. The actual topics for this course vary from semester to semester, but may include atmospheric chemistry, water chemistry, pollution, solid waste, and sedimentation, OR the chemistry of global warming, fossil fuels, and renewable forms of energy. Green chemistry and sustainability are also considered.

Credits: 4

Prerequisites/Restrictions: CH 208 and CH 117

CH 309 - A Synthetic CURE

This course-based undergraduate research experience (CURE) examines modern synthetic and analytical techniques. The course is centered on a collaborative research project and introduces students into project development, advanced literature searching, and experimental design.

Credits: 4

Prerequisites/Restrictions: CH-207 and CH-208 or Permission of Instructor

Fee: Yes

CH 321 - Comprehensive Biochemistry

This is a one semester biochemistry course geared to students who are particularly interested in pursuing careers in medicine and health related fields. The course will cover the major categories of biomolecules (peptides/proteins, carbohydrates, nucleic acids, and lipids) and the major metabolic pathways, all with a focus on human health and medicine.

Credits: 4

Prerequisites/Restrictions: CH-207 and CH-208 and (BI-153 Minimum grade C).

Notes: No credit given for CH-321 if credit has been given for CH-325 or BI-321.

CH 325 - Biochemistry I

All the major categories of biomolecules are introduced as follows: peptides/proteins (including enzymes), carbohydrates, nucleic acids, and lipids. Biological membrane structure and transport are also covered. Relationships between structure and function are emphasized. The laboratory employs qualitative and quantitative methods used in the study of biomolecules.

Credits: 4

Prerequisites/Restrictions: CH-207 and CH-208 Minimum Grades C; Biochemistry Majors, Chemistry Majors and Minors Only.

Fee: Yes

CH 327 - Biochemistry II

A continuation of Biochemistry I, this course covers topics in metabolism and its control, focusing on human carbohydrate and lipid metabolism. Human nutrition is also covered. Whenever possible, human health and medical connections are made. The course also covers photosynthesis and plant carbohydrate synthesis. The laboratory expands on concepts and techniques introduced in the first semester in CH 325 and includes techniques not covered previously.

Credits: 4

Prerequisites/Restrictions: CH-325; Minimum grade C or Permission of Instructor

Fee: Yes

CH 410 - Senior Seminar Part I

This is Part I in a two-course sequence. The goals of the Senior Seminar sequence are to enable students to read meaningfully the chemical research literature and present a series of seminars based on selected research articles. In addition, each student will write and defend a significant research project orally before the faculty. The project shall demonstrate a strong grounding in chemical concepts and an appreciation for applicable experimental and theoretical methods.

Credits: 2

Prerequisites/Restrictions: Seniors Only; Chemistry/ Biochemistry/Environmental Science Majors Only (Environmental Science Majors should consult with their advisors before enrolling in this course).

Notes: Students receive an interim grade (XT) after Part I of the two-course sequence. A final grade is awarded after Part II is completed.

CH 411 - Senior Seminar Part II

This is Part II in a two-course sequence. The goals of the Senior Seminar sequence are to enable students to read meaningfully the chemical research literature and present a series of seminars based on selected research articles. In addition, each student will write and defend a significant research project orally before the faculty. The project shall demonstrate a strong grounding in chemical concepts and an appreciation for applicable experimental and theoretical

methods.

Credits: 2

Prerequisites/Restrictions: CH-410

CH 417 - Chemical Instrumentation

The theoretical and practical aspects of instrumental analysis. The laboratory consists of spectrometric, chromatographic, and electrochemical methods of analysis. Data processing of experimental results is emphasized.

Credits: 4

Prerequisites/Restrictions: CH-301, 302 or CH-304

Fee: Yes

CH 435 - Advanced Topics in Chemistry

An examination of a topic at the advanced level not offered by the department on a regular basis. Topics will vary depending on the interests of the faculty.

Credits: Variable

Notes: May be repeatable if topic is different.

CH 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

CH 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the

semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

CL 118 - Ancient Medicine and the Greek and Latin Roots of Scientific Terminology

In this course you will study the origin and development of Western medicine in ancient Greece and Rome while you are learning to crack the international code of scientific language by studying the Greek and Latin roots of modern scientific terminology.

Credits: 4

CL 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

CL 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

CR 201 - Theories of Crime, Justice, and Race

This course will introduce students to classic and contemporary theories of crime and justice while encouraging students to develop a grasp of the way race, ethnicity, gender, as well as other forms of historic inequality shape the way we understand crime and carry out justice in the US and beyond. Course materials include chapters, articles, and films. The instructor has developed community partnerships for students seeking career and internship opportunities.

Credits: 4

Core: Engaging Diverse Identities

CR 213 - Forensic Science

This course examines the use of scientific evidence to solve crimes, focusing specifically on three types of such evidence: identifying individuals using DNA technology, identifying toxins and poisons, and identifying human remains and their associated pathology and trauma. Equal time will be dedicated to theory and practice.

Credits: 4

Prerequisites/Restrictions: Not open to Biology/Biochemistry/Environmental Science/Neuroscience/Pre-Pharmacy Majors or Biology Minors.

Core: Scientific Inquiry

When Offered: Fall

CR 218 - Issues in Contemporary Policing

This course will explore a variety of factors that influence modern policing in the US. We will engage with issues of race and bias, economics, public health, technology and more to develop an understanding of interactions and effects of police and communities.

Credits: 4

Core: Engaging Diverse Identities

CR 318 - Victimology

The US criminal justice system has historically paid little attention to the role of victims of crime, instead focusing on delivering justice through offender punishment. This tendency has begun to change as police, courts, and social service agencies have started to take increasing measures to address the needs of victims following a crime. In this course, students will examine victimization in the US and abroad, analyze justice mechanisms, and explore varied understandings of victim-centric practice.

Credits: 4

CR 449 - Criminology Capstone

This course is a senior-level seminar that will guide students to utilize the knowledge and skills they have gained through the Criminology Program to complete a research project and give an oral presentation.

Credits: 4

Prerequisites/Restrictions: SO-209 or PO-200; Criminology majors only; Seniors only.

CR 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

CS 109 - Computer Science for Engineering

An introduction to problem solving and programming with Python. Students will be introduced to programming language constructs including primitive data types, variables, functions, control structures, lists, and dictionaries. The focus will be on using Python to solve science and engineering problems.

Credits: 4

Prerequisites/Restrictions: (Prior Completion of or Concurrent Enrollment in MA-150 or MA-160 or MA-211) or Permission of Instructor.

CS 111 - Introduction to Computer Science I

Students are introduced to problem solving using a computer; they will be shown the software development process, and they will learn how to write programs in an object oriented language. Programming language constructs introduced include: primitive data types; classes and methods; control structures; and arrays. Students will be expected to implement many short programs. (Python is the programming language currently being used.)

Credits: 4

Core: Quantitative Reasoning

CS 113 - Introduction to Computer Science II

A continuation of CS 111. Additional concepts about the engineering of software will be presented, with special emphasis on testing, debugging, and designing robust programs. General purpose objects will be designed and implemented, and the concepts of polymorphism and inheritance will be studied. Additional topics include interface design, recursion, and file/database processing. Students will design and implement several larger projects in Java.

Credits: 4

Prerequisites/Restrictions: CS 111

CS 211 - Data Structures and the Analysis of Algorithms

Topics include how data is stored in a computer (lists, stacks, queues, strings, arrays, trees, graphs, and other advanced data structures), a variety of techniques for common tasks such as hashing, sorting and searching, and the analysis of these algorithms to determine their complexity and efficiency.

Credits: 4

Prerequisites/Restrictions: CS 113

CS 213 - Machine Organization and Assembly Language

The goal of this course is to help students improve programming skills by learning how the hardware, operating system, and compiler affect the performance and correctness of programs. Topics include: assembly language programming, internal representation of instructions and data, instruction execution, addressing techniques, linking, and exceptions.

Credits: 4

Prerequisites/Restrictions: CS 113

CS 303 - Organization of Programming Languages

The principles and programming styles that govern the design and implementation of contemporary programming languages. Topics include: language syntax, language processors (compilers, interpreters), language representations (data structures, control structures, binding, run-time environment) and language styles (procedural, functional, object, logic). Languages representing each style will be studied.

Credits: 4

Prerequisites/Restrictions: CS 211

Notes: Fulfills writing intensive requirement for the Computer Science major in combination with CS 311 and CS 313.

CS 304 - Web Programming

This lab-based course covers a variety of client and server-side web programming tools. Students will create a database-driven site for the final project. Students will also reflect on ethical and societal concerns related to Internet technologies.

Credits: 4

Prerequisites/Restrictions: CS 113

CS 305 - Database Management

Introduces database concepts, architecture, and normalization with emphasis on data representation, organization, and manipulation in the relational model. Topics include practical design considerations with focus on reliability, security, and integrity; structured query language (SQL); database administration; data independence; logical vs physical representations; and NoSQL paradigms such as document-centered databases, MapReduce, and key-value stores.

Credits: 2

Prerequisites/Restrictions: CS 113

CS 307 - Computer Networks

Introduces the concepts and terminology of computer networks. Topics covered include: information encoding, error detecting codes, computer network routing techniques and congestive control. Emphasis will be placed on the physical, data link, network and transport layer protocols. Local area networks and TCP/IP are also covered.

Credits: 2

Prerequisites/Restrictions: CS 211 or (CS 113 and Permission of Instructor).

CS 311 - Principles of Operating Systems

Covers the basic components and techniques used within modern operating systems. Topics covered are primarily concerned with the management of the following: file systems stored on secondary memory; primary and virtual memory; and process scheduling. Internal details of Linux/UNIX and several other operating systems will be included. Concurrent programming techniques for synchronization and the safe sharing of data in a distributed system will be emphasized, with some discussion of the client-server model.

Credits: 4

Prerequisites/Restrictions: CS 211 and CS 213

Notes: Fulfills writing intensive requirement for the Computer Science major in combination with CS 303 and CS 313.

CS 313 - Computer Architecture

Introduces the computer as a set of connected components. The CPU, ALU, and primary memory are studied individually and as integrated components. RISC and CISC designs will be compared and contrasted. Pipelined design will be stressed and new techniques in processor design are explained: superscalar machines, out-of-order instruction completion, precise interrupts, speculative execution, VLIW and EPIC. SIMD and MIMD parallel, multi-core computers will be investigated (as time permits).

Credits: 4

Prerequisites/Restrictions: CS 311 and (MA 207 or MA 240)

Notes: Fulfills writing intensive requirement for the Computer Science major in combination with CS 303 and CS 311.

CS 317 - Computer and Information Security Topics

This course will study several different cryptosystems that can be used to "hide secrets in plain sight": mainly DES, RSA and AES. These techniques can also be applied to authenticating individuals over the Internet as well as maintaining confidentiality and guaranteeing the integrity of the information being communicated. Other topics concerning computer and network security will be addressed as time permits.

Credits: 2

Prerequisites/Restrictions: CS 213, or CS 211 and permission of instructor

CS 407 - Software Engineering

Introduces the discipline of software engineering, emphasizing analytical and practical methods useful to software designers and developers over the entire software life-cycle. Topics include: project management, software process models, requirements specification, design representation, extreme programming, code review and refactoring, testing methods, software metrics, quality assurance, and software maintenance.

Credits: 4

Prerequisites/Restrictions: Seniors Only; CS/IS Majors Only.

Notes: Fulfills writing intensive requirement for the Information Systems major.

CS 411 - Advanced Topics in Computer Science

Subject matter will vary from semester to semester depending on staffing. Consult with the instructor before enrolling to determine topics to be studied. This course can be used for the independent study of advanced computer science topics, under the supervision of a computer science faculty member, as well as for other approved computer science projects.

Credits: Variable

Prerequisites/Restrictions: CS-211 or Permission of the Instructor.

Notes: May be repeatable as long as the topic is different.

CS 415 - Artificial Intelligence

Introduces students to the foundations of artificial intelligence: its history, philosophy, accomplishments, and methodologies. Topics include informed search algorithms, genetic algorithms, knowledge representation and reasoning methods, expert systems, learning classifier systems, reinforcement learning, neural networks and machine learning. Extensive reading and programming projects are required.

Credits: 4

Prerequisites/Restrictions: CS 303 and (MA 207 or MA 240) or Permission of Instructor.

CS 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

CS 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

CY 101 - (LCMC) Introduction to Cybersecurity

In today's world, no one is safe from cyber-attacks, but everyone can be prepared. This course will teach you how malicious actors use social skills and technology to facilitate cyber attacks and provide you with the tools and information you need to defend against those attacks. Whether you pursue one of the many available jobs in cybersecurity or just want to secure your own privacy, you'll learn how to make the Internet safer. This online class has optional live sessions.

Credits: 3

Prerequisites/Restrictions: Cybersecurity Majors Only

Notes: Offered by an accredited partner college in a consortium relationship with Saint Michael's.

CY 102 - (LCMC) Introduction to Information Technology Systems

Information Technology continues to be one of the most important topics in the modern workforce. This course will introduce you to the fundamentals of the field and teach you a range of valuable professional skills, including how to set up operating systems, how to troubleshoot problems, and how to build a computer. This online class has optional live sessions.

Credits: 3

Prerequisites/Restrictions: Cybersecurity Majors only

Notes: Offered by an accredited partner college in a consortium relationship with Saint Michael's.

CY 201 - (LCMC) Cybercrime and Governance

Cybercrime is one of the biggest threats companies face on a daily basis, and they are constantly looking for new hires to help protect them. In this course, you will get a firsthand look at the methods used to commit cybercrimes. You will also learn how governments detect, investigate, and stop these crimes, and become familiar with the laws and policies in place to deter cybercriminals. This online class has optional live sessions.

Credits: 3

Prerequisites/Restrictions: CY 101; Cybersecurity Majors Only.

Notes: Offered by an accredited partner college in a consortium relationship with Saint Michael's.

CY 202 - (LCMC) Modern Cybersecurity

Just as technology is constantly evolving, so too must cybersecurity to keep pace with changing trends. In this class, you will learn about the changing landscape of cybersecurity, emerging technologies that are likely to be targeted, and new forms of cyber-attack being launched. By the end of the course, you will be able to implement the most up-to-date practices in cybersecurity in order to protect against attacks. This online class has optional live sessions.

Credits: 3

Prerequisites/Restrictions: Cybersecurity Majors Only

Notes: Offered by an accredited partner college in a consortium relationship with Saint Michael's.

CY 203 - (LCMC) Career Navigation and Exploration in Cybersecurity

This course will help you find a job in Cybersecurity upon graduation. Not just any job; one that meets your personal and financial needs and makes you excited about the future. In this course, you'll explore career paths in Cybersecurity potential salary outcomes, and different roles. Then, you'll pick target jobs and opportunities that are the best fit for you, and make a clear plan of action toward securing them.

Credits: 3

Prerequisites/Restrictions: Any Cybersecurity course or Advisor Approval; Cybersecurity Majors Only

Notes: Offered by an accredited partner college in a consortium relationship with Saint Michael's.

CY 205 - (LCMC) Google Cloud Computing Foundations

This course will introduce you to the fundamentals of Cloud Computing, Infrastructure and Networking, and will explore how the cloud is used in a range of situations, including IT, App Development and Machine Learning. This course uses the Google Cloud Platform (GCP) and was built in concert with the Google Cloud Learning Services team. This online class has optional live sessions.

Credits: 3

Prerequisites/Restrictions: CS-113 or DS-202; Cybersecurity Majors Only

Notes: Offered by an accredited partner college in a consortium relationship with Saint Michael's.

CY 206 - (LCMC) Network & System Security

Modern organizations know that even the strongest systems can be vulnerable to cyber-attacks. As a result, jobs in cybersecurity are rapidly expanding as companies look to secure their digital assets. This course will teach you how to secure those assets by identifying and fixing potential security vulnerabilities. By the end of the course, you will be able to identify and remedy common network and systems vulnerabilities.

Credits: 3

Prerequisites/Restrictions: Cybersecurity Majors Only

Notes: Offered by an accredited partner college in a consortium relationship with Saint Michael's.

CY 301 - (LCMC) Cyber Forensics

When cybercrimes do happen, you need to know how to respond. This course examines the tools and techniques used to perform cyber forensics and conduct investigations into cybercrimes. By the end of the course, you'll be able to gather and analyze important digital evidence and gain skills in analyzing cybercrime that are in demand from companies across the country. This online class has optional live sessions.

Credits: 3

Prerequisites/Restrictions: CY-201; Cybersecurity Majors Only.

Notes: Offered by an accredited partner college in a consortium relationship with Saint Michael's.

CY 410 - (LCMC) Capstone: Ethical Hacking

To stop a hacker, you need to be able to think like a hacker. In this course, you will learn hands-on techniques for attacking and penetrating networks and systems. You will be prepped with tools to launch these offensive tactics, and then complete a hands-on project where they are asked to ethically hack a real system. This online class has optional live sessions.

Credits: 3

Prerequisites/Restrictions: CY-204 or CS-307; Cybersecurity Majors Only.

Notes: Offered by an accredited partner college in a consortium relationship with Saint Michael's.

DA 101 - Beginning Dance

This course is designed for students who are new to dance or returning to dance. It is a fun and challenging introduction to the basics of dance technique, choreography and composition. Drawing from modern, ballet, yoga and hip hop students will improve their flexibility, strength, balance, coordination and overall well-being. For students new to dance and athletes.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated with permission of instructor.

DA 102 - Ballet I

This class is an introduction to the basic movement vocabulary of classical ballet. The class consists of floorwork, barre work and center floor with an emphasis on alignment and placement. This class is for students with no previous ballet experience or those who want to review the basics. Students will improve their flexibility, strength, balance and coordination while developing an appreciation for ballet as an expressive art.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated with permission of instructor.

DA 103 - Modern Dance I

A beginning dance course teaching the basics of Modern Dance. This class emphasizes the Fall and Recovery technique of Doris Humphrey, one of the four founders of American Modern Dance. This class begins with a thorough warm-up in preparation for a physical and fast paced class.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated with permission of instructor.

DA 105 - Jazz I

A beginning dance course in the jazz dance style. Students will learn basic dance technique with an emphasis on musicality and safe dance practices. This class explores a variety of styles of Jazz from swing to latin utilizing a warm-up, across the floor and dance combinations structured class. Geared to the new dance - this class is a fast paced approach to dance.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated with permission of instructor.

DA 111 - Creative Dance

Unlike the other dance classes, this is not a class in any particular technique. Instead, this creative dance course is designed to awaken an awareness of one's body through movement, breath, improvisational exercises, dance games, and choreographic studies. This is a studio-based, physical, in-person dance class. In-class experiences are designed for students to understand how space, shape, energy and time create, enhance, and define dance.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated with permission of instructor.

DA 201 - Body Awareness

Designed to awaken an awareness of one's body through authentic movement, body care practices, yoga, meditation, energy flow, dance, massage techniques, sensory sharing and site-specific adventures.

Credits: 4

DA 350 - Topics in Dance

A practical demonstration and exploration of theories and techniques of a Dance genre that is not normally offered at the College.

Credits: 2

Notes: May be repeated with permission of instructor.

DA 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

DA 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

DMC 101 - Media Revolutions: Social, Political, & Psychological Issues

Interdisciplinary in its focus, the course combines psychology, sociology, history, political science, and communication studies to challenge students to think critically about the mass media revolutions that are currently taking place. In addition to teaching the course in an interdisciplinary way, the professors encourage students from many majors to bring the expertise of their field to the class discussions, research essays, and class projects.

Credits: 4

Core: History & Society

DMC 110 - Digital Media: Arts, Culture, & Theory

This course takes a two-pronged approach to cultivating students' understandings of the current changes in digital media. First, students will be introduced to the critical examination of the digital revolution, including issues connected to creative expression, privacy and surveillance, consumerism, psychological distraction, and device addiction. Second, they will gain experience and skills in the processes and practices involved with digital art and graphic design.

Credits: 4

Core: Literature & The Arts

DMC 205 - Reporting for Media

Students will learn the art of storytelling, from story idea through interviewing, researching and writing and ultimately, over a series of weeks, publish their own stories in the student newspaper and online publication. The course is designed to be a broad, rigorous orientation for understanding basic elements of media writing as well as skills training in reporting, writing, editing and publication of news media.

Credits: 4

Prerequisites/Restrictions: DMC and DMK Majors and Minors Only.

DMC 207 - Multimedia Reporting

This class teaches various ways of conducting a journalistic inquiry. In addition to using Pulitzer-Prize-winning and other highly regarded journalism (including investigative journalism), instructors will use media analysis to explore the structure of objectivity, balance, fairness and other journalistic norms. Students will become fluent in a range of storytelling media, with an aim to engage and inform the public.

Credits: 4

Prerequisites/Restrictions: DMC 205

DMC 209 - Introduction to Digital Photography and Visual Storytelling

This course introduces students to the art and craft of digital photography as a means for visual storytelling. Students will create thoughtful images using whatever digital camera they have available and learn to edit images using Photoshop. While assignments span a range of genres, emphasis will be placed on documentary photography.

Credits: 4

Core: Literature & The Arts

Notes: This course is fully online.

DMC 210 - Photojournalism in the Digital Age

This digital-based photography course introduces students to the skills, theory and ethics of newspaper, magazine and Web-based photojournalism. Through in-class discussions and hands-on demonstrations, students learn manual camera techniques, and image editing using Photoshop software. Analyses of historical and contemporary photographic work help students apply techniques and theory to create storytelling photographs suitable for publication.

Credits: 4

Prerequisites/Restrictions: DMC-110; DMC/DMK Majors and Minors Only; Sophomores, Juniors and Seniors Only (Open to all students during open registration).

DMC 213 - Media Law and Ethics in a Digital Age

This course explores the political, historic and philosophical roots of the First Amendment. Particular emphasis is given to the legal and ethical problems of new communications technologies; other topics include libel, privacy, obscenity, copyright, and the free press/fair trial dilemma. After analyzing what the law says journalists can do, the course moves into the ethical component of what they should do. Using basic philosophical theories, students analyze ethical dilemmas through the use of case studies.

Credits: 4

Prerequisites/Restrictions: Sophomores, Juniors and Seniors Only.

DMC 215 - Photography and Tourism

This digital-based photography course will explore the methods and artistry of outdoor and tourism photography. Through the analysis of historical and contemporary work, students will develop the technical skills and creative approaches necessary for documenting recreational, outdoor, and tourism related activities pursued in the state of Vermont. Additionally, students will be responsible for creating multimedia marketing presentations for Vermont Department of Tourism and Marketing. Students will become proficient in Adobe Photoshop, Illustrator and InDesign.

Credits: 4

DMC 219 - Topics in Digital Media and Communications

Various topics, ranging from women in the mass media to advanced Web design and theory to literary journalism.

Credits: 4

Notes: Course may be taken more than once in different topic areas.

DMC 233 - Adventure & Environmental Filmmaking

This course is an introduction to the art of filmmaking about the outdoors and the environment. Throughout the semester, we will be reading about, screening, and critiquing films which have been made in-and-about the natural world and environmental issues. Students learn digital film production skills for the field and studio and create their own films. This will include an introduction to the specific –and sometimes extreme –technical, logistical, and conceptual requirements associated with outdoor filmmaking.

Credits: 4

Core: Literature & The Arts

DMC 243 - Media and American Politics

This course explores the confluence of media and politics in our democratic society. Students read political science and media studies texts, engage in class discussions, and take a field trip to New Hampshire to meet candidates (including "minor" ones), political science professors, journalists, and election workers. Students will study the changing relationship of politicians and reporters from the founding of the republic until modern times.

Credits: 4

Prerequisites/Restrictions: Sophomores, Juniors and Seniors Only

Core: History & Society

DMC 250 - Global Communication

In this course we will be mapping-out world communication and the cross-cultural outlines of our so-called "global village." We will take a macro-look at the rise of international communication systems and the development of this thing we call "global culture." Finally, we will take a critical look at the future-of global mass audiences; issues of inter-and-cross cultural media ethics, privacy, global policy, and intersections between science and science fiction.

Credits: 4

Prerequisites/Restrictions: DMC and DMK Majors and Minors Only; Sophomores, Juniors and Seniors Only.

DMC 255 - South Africa: Apartheid – Resistance, Revolution and Representation

This course analyses the ways in which media was used to promote, maintain and then dismantle apartheid in South Africa. What role did media play in influencing people's views of the systemic injustices and how was media utilized in the fight against apartheid? How does media shape post-apartheid South Africa?

Credits: 4

Core: Engaging Diverse Identities

DMC 261 - The Moving Image: Broadcast TV/Video Storytelling

This course first focuses on the role of broadcast TV journalism in our society today. Students examine the different ways in which TV news shapes our understandings of our own local communities, our nation, and world events. Secondly, this course focuses on the creation of broadcast TV news stories. Students will learn strategies of visual storytelling for all aspects TV and video production—scripting, filming, editing and distribution as well as basics in on-camera presentation.

Credits: 4

DMC 263 - Screen Life in Modern Visual Media

New media techniques, technologies, and organizations such as Facebook, Twitter, smart phones, HD webTV, Skype, and Kindle have rapidly changed the way in which many of us interact and communicate on a daily basis. These devices—and the manner in which they've been used—have had an enormous impact on nearly all aspects of our daily lives. In this course, students take an in-depth, interdisciplinary look at the ways modern screen-based media impact global society.

Credits: 4

Core: History & Society

DMC 266 - Digital Film and Television

Students take a critical, in-depth look at methods and artistry of digital filmmaking in two complementary ways. Analysis: students will screen and critically deconstruct a wide range of film and television programs with an eye towards analyzing the languages with which these media communicate as art forms and as social and political products. Production: students will conceive, storyboard, script, shoot, edit and present a series of their own digital film/TV productions throughout the term.

Credits: 4

Core: Literature & The Arts

DMC 303 - Nature and Outdoor Writing

This is a course that combines two central elements: (1) reading and discussing provocative examples of nature writing to see how the authors craft their nonfiction stories and communicate their fascination with the outdoors; and (2) developing skills in writing feature-length articles about the outdoors and the natural world—cultivating a story idea, training powers of observation, conducting research that enhances your writing, the draft and revision process.

Credits: 4

Prerequisites/Restrictions: Sophomores, Juniors and Seniors only

Core: Literature & The Arts

DMC 305 - Persuasive Writing

Effective persuasion has tremendous power within society, often swaying elections, public policy and individual behavior. With it comes big responsibility. Students will critique a broad spectrum of persuasive writing including op-eds, reviews, fundraising letters, and campaign rhetoric. They will deconstruct effective approaches and techniques, and apply them to their own writing.

Credits: 4

DMC 311 - Digital Media II: Advanced Graphic Design

In this course, students gain experience and skills in the processes and practices involved with digital art and graphic design. Through projects and exercises, they will develop their understandings of fundamental graphic design principles and how to employ them in design solutions and in their own artworks. Students explore topics like brainstorming strategies to enhance the creative process, problem-solving using time-boxing, the role of research in good design, and the role of critique and analysis.

Credits: 4

Prerequisites/Restrictions: DMC 110 or AR-204 or AR-215

DMC 319 - Advanced Topics in Digital Media & Communications

This course provides the opportunity for faculty and students to explore a particular academic topic not offered by the department on a regular basis.

Credits: 4

Prerequisites/Restrictions: DMC-266 or DMC-263 or DMC-261 or DMC-219 or Permission of Instructor.

Notes: Course may be taken more than once in different topic areas.

When Offered: Fall

DMC 323 - Race, Gender and Ethnicity in Media

This course is an introduction to analysis of representations of identities such as race, gender, sexual orientation, and ethnicity in the mass media. We view, read about, analyze and discuss mass media like television, film, print, radio, music, sports, news, advertising, and the web to determine if and how race, gender and ethnicity are depicted. An underlying understanding within the course is recognition of the inextricable intersectionality of gender, race, ethnicity, class, sexual orientation, etc.

Credits: 4

Prerequisites/Restrictions: DMC-101; Sophomores, Juniors, and Seniors Only.

Core: History & Society AND Engaging Diverse Identities

DMC 330 - Advanced Visual Storytelling: Multimedia Analysis

This course explores the structural foundations of documentary storytelling through both the analysis and production of still photographic essays, audio stories and multimedia slideshows. In addition to analyzing contemporary and historic examples of these storytelling media, students will learn advanced techniques in multimedia production. Students will become proficient in the following software programs: Adobe Photoshop; Adobe Audition; Adobe Premiere; and Soundslides.

Credits: 4

Prerequisites/Restrictions: DMC-210 or DMC-266 or Permission of Instructor

DMC 333 - Publication Visual Storytelling and Design

This course explores the historical, ethical and structural foundations of news writing and reporting, visual storytelling and graphic design for print and online publications. Through both the analysis and production of news writing, feature writing, photographs, illustrations, info graphics, video and page design students will manage and create the student publication, *The Defender* (both print and online).

Credits: 4

Prerequisites/Restrictions: Sophomores, Juniors and Seniors Only. Open to All Majors.

Notes: May be repeated with permission of instructor.

DMC 352 - Health and Development in East Africa

This service learning course has a two-fold purpose. First, it provides students with an overview of the health and development challenges of East Africa, with a focus on HIV/AIDS in rural Tanzania. Second, it will develop a communication skill set among class participants to present these challenges in film, photos, web site production and grant proposals. Students will also explore the tension between compelling storytelling and political empowerment and advocacy as development tools.

Credits: 2

Prerequisites/Restrictions: DMC-110 or Permission of Instructor.

DMC 353 - Applied Health and Development Approaches in East Africa

This service-learning course includes an intensive two-week field course at the Ilula Orphan Program (IOP) in Iringa, Tanzania. Students travel to Tanzania to observe development challenges related to HIV/AIDS, water scarcity, education and poverty being addressed by the IOP. They will assist in updating the IOP's educational and development materials, including the website, and complete a grant application. Students will be expected to complete work in a one-week work session following the two weeks in-country.

Credits: 2

Prerequisites/Restrictions: DMC-352

DMC 355 - South Africa: Resistance, Revolution, & Representation Study Trip

This course analyses the ways in which media was used to promote, maintain and then dismantle apartheid in South Africa. What role did media play in influencing people's views of the systemic injustices and how was media utilized in the fight against apartheid? How does media shape post-apartheid South Africa?

Credits: 2

Prerequisites/Restrictions: DMC-255 or GL-255

Crosslisted: GL-355

DMC 363 - Study Abroad Re-Entry: Travel Writing

This interdisciplinary course is designed for students returning from study abroad and looking for ways to integrate their international experiences back into their "home" cultures. Students will read provocative examples of travel literature and research on cross-cultural issues and will be writing their own travel pieces. Together, we will be engaging with ideas from communication and media studies, anthropology, sociology, and psychology in order to better understand human behavior and identity within and across cultures.

Credits: 4

Prerequisites/Restrictions: Students must have studied abroad.

Core: Literature & The Arts

DMC 411 - Writing and Editing for Publication

Explores writing genres through the journalistic lens with an eye toward publishing for specific audiences. Using the campus publication as an exploratory medium, students experiment with reporting/feature/persuasive writing and

editing and merge written work with visuals.

Credits: 4

Prerequisites/Restrictions: Soph/Juniors/Seniors, all majors. Must have a solid foundation in grammar, structure and organization.

Notes: May be repeated with permission of instructor.

DMC 413 - Internship in Digital Media and Communications

Working in collaboration with professionals at media organizations and in corporate and non-profit, students put theory into practice by producing media in a professional work environment. Possible activities include producing and distributing media, i.e. websites, articles, films, brochures etc. planning and staging media events; researching and evaluating public relations campaigns; and optimization studies. The internship gives students a practical context in which to examine and interpret issues and concepts they have studied in the classroom.

Credits: 4

Prerequisites/Restrictions: Sophomores, Juniors and Seniors Only.

Notes: May be repeatable.

Upon registration for this course, you will need to make an appointment with a Career Coach in the Career Education Center. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

STUDENTS WHO DO NOT COMPLETE THIS PROCESS WILL BE DROPPED FROM THE CLASS.

DMC 450 - Senior Research Proposal Seminar

The research proposal seminar for the senior capstone experience for Digital Media and Communications. This class will focus on a variety of research methods and on the completion of a research proposal for students' senior seminar projects. The capstone project, which will be completed during the following semester, is a high-quality media critique and analysis project (a documentary film, book, or web documentary) which examines a socially significant topic through a variety of interdisciplinary angles.

Credits: Variable

Prerequisites/Restrictions: Majors Only; Juniors and Seniors Only.

DMC 460 - Senior Seminar in Digital Media and Communications

This is the capstone course. It's an opportunity to develop, research, and produce a professional-quality media project (a documentary film, book, or web documentary) which explores a socially significant topic through a variety of interdisciplinary angles.

Credits: 4

Prerequisites/Restrictions: DMC-450; Majors Only; Seniors Only.

DMC 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

DMC 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

DMK 150 - Introduction to Marketing Communications and Social Responsibility

This class helps students navigate the contemporary marketing landscape through the application of critical theories of communication. Introducing a range of promotional techniques and tools to communicate with consumers about brands, students will increase their sensitivity to the role of integrated marketing communications in local and global societies.

Credits: 4

Prerequisites/Restrictions: Not open to students who have completed BU-215: Marketing.

DMK 201 - Digital Marketing Strategy and Analytics

To help clients reach their target audiences, convey their strategic messages, and reach their economic, social, and cultural goals and objectives, this course teaches students the histories and contexts of marketing theory and how to craft actionable marketing tactics that can be implemented across mercurial digital platforms, websites, and services.

Credits: 4

DMK 275 - Race, Gender, and (in)Equity in Marketing Communications

People are social actors and create meaning through their symbolic interactions, and the raced and gendered expectations of marketing communications affect all people. Marketing creates, maintains, and challenges diverse categorizations of identities, and we will explore how raced and gendered communications in advertising can be sources of liberation and subordination.

Credits: 4

Core: Engaging Diverse Identities

DMK 323 - Social Media Marketing

This course introduces the foundations and methodologies of building, analyzing, and maintaining social media marketing initiatives for individuals and organizations, investigating critical considerations concerning communities, cultures, forms of communication, and (potentially harmful) content to foster continued growth and audience engagement within this volatile dimension of the marketing landscape.

Credits: 4

Prerequisites/Restrictions: DMC 110

DMK 465 - Digital Marketing Senior Seminar

Building upon the theories and methodologies honed over the course of their academic program, students will conceptualize, create, and propose digital marketing initiatives for socially significant organizations, investigating critical considerations concerning communities, cultures, and forms of communication to foster continued growth and audience engagement within the mercurial digital marketing landscape.

Credits: 4

Prerequisites/Restrictions: (DMK-150 or BU-215), DMK-201, DMK-323 & ST-120; Seniors Only

When Offered: Spring

DS 202 - Computational Methods for Data Science

This course will introduce the Python language basics needed for data analytics including collection, manipulation, and analysis of data. Topics will include: descriptive statistics, data visualization, clustering, regression, decision trees, and ethical concerns related to 'big data'.

Credits: 4

Prerequisites/Restrictions: CS-109 or CS-111

DS 203 - Introduction to Data Science

Importing, cleaning, and merging datasets from a variety of sources; explanatory data analysis; data visualization; descriptive data analysis; predictive data analysis; communication of results. Most of these steps are performed using open source software such as R and open source database systems such as PostgreSQL.

Credits: 4

Prerequisites/Restrictions: One course from: ST-120, ST-140, ST-220, ST-251, ST-252, PO-200, PS-213

Core: Quantitative Reasoning

DS 303 - Statistical Learning

The topics that are discussed in this course are: Basic statistical learning methods such as linear regression and classification; resampling methods such as cross-validation and bootstrapping; model selection methods such as subset selection, ridge and lasso regression, and principle component analysis; tree-based methods such as decision trees and random forests; additional topics may include support vector machines and deep learning. Appropriate R packages are used for the aforementioned methods.

Credits: 4

Prerequisites/Restrictions: DS-203 or ST-201 or Permission of Instructor

Core: Quantitative Reasoning

DS 410 - Seminar in Data Science

Exposes students to a variety of topics in current data science, including research, career, and ethics-related issues. Students will write a paper and present on selected topics.

Credits: 2

Prerequisites/Restrictions: Senior Data Science Majors Only or by Permission of Instructor.

DS 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

DS 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

EC 101 - Principles of Macroeconomics

An introduction to the macroeconomic approach to economic analysis. Students learn how to measure and interpret: Gross Domestic Product (GDP), unemployment and price levels through a discussion of fundamental economic concepts and the role of markets. We examine macroeconomic instability through a study of causes and policy prescriptions from two major opposing schools of thought: Classical and Keynesian. We continue with a study of money, interest rates and the Federal Reserve.

Credits: 4

EC 103 - Principles of Microeconomics

Introduction to how economists interpret the everyday decisions of consumers, businesses, and workers. Develops concepts and models that explain what is produced, how it is produced, and how output is distributed. Applies the insights of economic analysis to real-world questions such as minimum wage, business profits, taxes, outsourcing, and environmental policies.

Credits: 4

EC 215 - World Economies

Study of major economic systems, both in their "pure" forms and as they have evolved over time. Topics include an examination of the history, structure, policy and performance of various economies from an evolutionary perspective; Countries studied may vary. Examples: Japan, former U.S.S.R, South Korea, China, India, Brazil; European economic integration and transitioning countries in Eastern Europe.

Credits: 4

Prerequisites/Restrictions: EC 101 or EC 103 or permission of instructor

EC 225 - Economics of Health Care

Study of economic aspects of health care, weighing cost, quality and access. Topics include theory and evidence on access problems; the applicability of competition models to health care; the efficacy of health care in improving health; causes for high costs and wasted care; an international comparison of health care systems; and an exploration of the effects of the new healthcare reform law.

Credits: 4

Prerequisites/Restrictions: EC 101 or EC 103 or EC 110

EC 301 - Economic Thought and Policy

A survey of major schools of economic thought, methodology, methods, philosophy, principal developments, debates in economic theory and policies. Influential pre-classical thought: e.g. Greek, Islamic; followed by medieval, feudal, mercantilist. Emphasis on classical political economy-- Smith, Ricardo, Mill, Marx et al. Logical positivism, marginalists; Neoclassical economics; 20th & 21st century: Keynes and macro, General equilibrium, evolutionary econ, econometrics, feminist econ; Contemporary: Eg., A.K. Sen, Ostrom. Provides the foundation for the breadth of economic thought and practice.

Credits: 4

Prerequisites/Restrictions: EC 101 or EC 103; (EC 311 or EC 312 recommended)

EC 303 - Public Economics

This course explores the criteria for government involvement in the economy, discusses intended and unintended effects of this involvement, and studies the effects of the taxes. We consider market failures like pollution, public goods, and tragedies of the commons, and survey government involvement in Welfare, Social Security, education, and healthcare.

Credits: 4

Prerequisites/Restrictions: EC 101 or EC 103

EC 311 - Macroeconomic Theory

Examination of classical, neoclassical, Keynesian, monetarist, new classical, and post-Keynesian economics, with particular focus on various theories and policies that relate to the determination of national (aggregate) income and price level, the determination and role of interest rates, and the part played by monetary and fiscal authorities in stabilizing the economy.

Credits: 4

Prerequisites/Restrictions: EC-101 or Permission of Instructor; Majors and Minors Only (Major/Minor Only Restriction will be Released for Open Registration period).

EC 312 - Microeconomic Theory

This course builds rigorously on micro principles. It develops neoclassical theoretical explanations for different market structures & outcomes, using stylized facts, deductive reasoning, and mathematical techniques. Major topics: consumer & producer theory, market structures, game theory, market failures & factor markets. Students should be comfortable with algebraic operations. This course is a foundation for electives such as development, labor, international and environmental economics.

Credits: 4

Prerequisites/Restrictions: (EC-103) and (MA-130 or MA-150) or Permission of Instructor.

EC 317 - International Economics

An overview of the nature of and reasons for international movements of merchandise and factors of production, the measurement of balance of payments transactions, the determination of exchange rates, and other topics. This course includes theoretical analysis, brief historical background, and coverage of contemporary issues in policy coordination and trade negotiation.

Credits: 4

Prerequisites/Restrictions: EC 101 or EC 103

EC 321 - Economics of Development and Poverty

Study of theories that explain the economics of growth, development, poverty; dimensions of the development problematic faced by middle and low income regions. Policies related to industrialization, environment, health, education, population, and poverty will be examined; focus on development in an era of rapid globalization. The course will use development theories to examine specific socioeconomic issues of vulnerable populations in developing regions. Examples: child labor, international migration, trade in dirty industries.

Credits: 4

EC 327 - Advanced Topics in Economics

Intermediate seminar, the subject matter of which will vary from year to year.

Credits: 4

Prerequisites/Restrictions: MA-130 or MA-150; EC-312

Notes: Enrollment will be limited and preference given to juniors. Consult with the instructor before enrolling to ascertain topics to be studied.

EC 331 - Economics of Labor Markets and Income Distribution

Analysis of current labor market theories, problems and trends. Topics include the changing characteristics of the U.S. labor force, labor supply and demand, alternate compensation systems, human capital development, labor market signaling, discrimination, immigration, income inequality, poverty and unemployment. Also included is an appraisal of the effects of unions and of various government policies that impact the labor market such as the minimum wage, welfare programs, affirmative action and workforce development programs.

Credits: 4

Prerequisites/Restrictions: EC 101 or EC 103

EC 332 - Family & Gender in the Economy

This course uses economic theory and empirical evidence to examine the causes and consequences of gender differences in earnings, labor force participation, occupational choice, and the division of labor within the household alongside government policies targeting those decisions.

Credits: 4

EC 335 - Money and Banking

Develops an understanding of the roles and functions of financial markets, financial intermediaries, and financial instruments from an economic perspective. Discusses risk management, capital formation, and the advantages and disadvantages of various forms of finance. Reviews recent financial crises and reforms. Examines the function role of money, and contrasts these with popular notions of money.

Credits: 4

Prerequisites/Restrictions: EC 101 or EC 103

EC 351 - Environmental Economics

Study of the role of natural resources in the economy and the role of government in dealing with environmental problems. The course examines various environmental policy instruments and the application of benefit-cost and cost-effectiveness analysis in policy decision making. Current U.S. environmental policies are evaluated.

Credits: 4

Prerequisites/Restrictions: EC 101 or EC 103

EC 391 - Introduction to Econometrics

A survey of econometrics which is devoted to the statistical testing of propositions derived from economic theory. Both the derivation and application of such tests will be covered, in an applied multiple regression analysis context. Students will have numerous opportunities to develop and tests their own econometric models.

Credits: 4

Prerequisites/Restrictions: (EC-101 or EC-103) and ST-120 (or equivalent course)

EC 410 - Senior Seminar Part I

Part I of this two semester course sequence involves a review of research methods, skills and an exposure to peer reviewed scholarly research in various sub-fields in economics. Students will prepare an original research proposal on a topic of their choice. Close guidance will be provided by the instructor.

Credits: 4

Prerequisites/Restrictions: EC Majors Only; Seniors Only

EC 411 - Senior Seminar Part II

Part II of this two semester course sequence, students will complete the research undertaken in Part I, submit a final written research paper, and present their results. Close guidance will be provided by the instructor.

Credits: 4

Prerequisites/Restrictions: EC-410; Seniors Only

EC 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

EC 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

ED 120 - Topics in Education

An examination of a topic at the introductory level not offered by the department on a regular basis. Topics will vary depending on the interests of the faculty.

Credits: 4

ED 220 - The Sports Coach as Educator

This course will explore the discipline of sports pedagogy and the role of coach as educator. Sports pedagogy is an academic field of study concerned with learning, teaching, and instruction in sport and physical education. Students in this course will gain invaluable knowledge and experience on the many dimensions of coaching sports.

Credits: 4

Notes: This class counts as an Elective in the Education Studies Major.

ED 231 - Education in the 21st Century: Inquiry and Innovation

This course invites you to explore some of the diverse approaches to teaching and learning with an intentional focus on equity and structural inequity in schools as well as other educational settings. Innovative programs investigated include environmental education, museum studies, linguistics, special education, STEAM, and technical education. Over the course of the semester, students visit a variety of schools and other educational organizations to help you create your educational vision for the future.

Credits: 4

Prerequisites/Restrictions: Education Majors/Minors Only (Open to all students during Open Registration period).

Core: History & Society

ED 239 - Antiracism & Collective Liberation

Antiracist educators must reveal and disrupt oppressive and inequitable systems, policies, and ideologies embedded across institutions. We explore course themes, antiracism and collective liberation, personally and reflexively, drawing connections between historical and contemporary movements, and expand our social and critical consciousness and capacity to embrace antiracism in theory and practice.

Credits: 4

Core: Engaging Diverse Identities

ED 241 - Literature for Children and Adolescents

This is a survey course introducing literature for children and adolescents with emphasis on criteria for identifying high quality fiction, nonfiction, and poetry. Students will develop familiarity with a broad range of books for all ages and the implications of developmental characteristics for book selection. Theory and research about reader response, gender, and multiculturalism will be examined. Students are expected to read a substantial number of books for children and adolescents.

Credits: 4

Core: Literature & The Arts

ED 251 - Child Development and Education

In this course students explore theories about child development from conception through early adolescence, and consider the practical application in educational settings. Students also examine current cultural contexts and other factors that can influence children's development at different ages and stages and the implications for educators in responding to individual differences and creating an inclusive learning environment.

Credits: 4

Prerequisites/Restrictions: Prior Completion of or Concurrent Enrollment in ED-231; Education Majors/Minors Only

ED 271 - Adolescent Development in a Culturally Responsive Classroom

Provides an analysis of early, middle, and late adolescence through an exploration of cognitive, social, emotional, moral, physical, and language development from a cultural perspective. This course emphasizes diverse cultural contexts that impact development and learning, and teaching methods which are responsive to both individuals and the learning communities.

Credits: 4

Prerequisites/Restrictions: ED 231; ED Majors/Minors/Licensure Students Only

Core: Engaging Diverse Identities

Notes: Includes a weekly field-placement working with an English language learner.

ED 300 - Teaching Social Studies and the Arts, PK-6

Students explore creative ways to approach interdisciplinary, standards-based curriculum development in a variety of educational settings. Literature, digital media, visual art, drama, and our own experiences are the tools to investigate our understanding of history and art through an equity and social justice lens. Students learn to design and teach lessons that integrate various issues grounded in culturally sustaining pedagogies for PreK-6 classrooms.

Credits: 4

Prerequisites/Restrictions: ED 231; Education Majors/Minors Only.

Core: Engaging Diverse Identities

ED 325 - Teaching Elementary Mathematics, PK-6

Explores the nature of learning and teaching math and science with an emphasis on developing student understanding through active involvement and inquiry. Using experiences with a variety of instructional materials, classroom activities with children, and innovative and diverse teaching strategies, students develop an understanding of mathematical concepts and pedagogies.

Credits: 4

Prerequisites/Restrictions: ED-231 and ED-251; Education Majors/Minors Only.

Notes: Includes opportunities for observation in a public school, a personalized learning plan in mathematics, and integrated technology applications related to math instruction.

ED 327 - Teaching Elementary School Science and Engineering, PK-6

This course will enhance a student's ability to teach science and help students meet the Next Generation Science Standards through active involvement and inquiry. In class, students will gain knowledge of scientific content, concepts, and skills in science pedagogy. In a two hour school placement, students will gain practical experience.

Credits: 4

Prerequisites/Restrictions: ED-231 and ED-251; Education Majors/Minors Only.

Core: Scientific Inquiry

Notes: Required for all elementary education majors.

ED 335 - Literacy in the PK-6 Classroom

This interactive course will introduce students to the continuum of literacy development and research-based best practices in literacy instruction with a particular emphasis on six literacy essentials: word structure, fluency, vocabulary, comprehension, writing, and motivation. Coursework will include visits to local elementary classrooms to observe master teachers and to work with elementary students.

Credits: 4

Prerequisites/Restrictions: ED 231 and ED 251 and Prior Completion or Concurrent Enrollment in ED-300; Education Majors/Minors Only.

ED 339 - Making Meaning: Content-Area Literacy, PK-6

Building on ED 335, this course deepens students' understanding of reading and writing instruction, specifically nonfiction, visual literacy, content area literacy, and the writing process in elementary classrooms. Coursework will include visits to local elementary classrooms to observe master teachers and to work with elementary students.

Credits: 4

Prerequisites/Restrictions: ED-231 and ED-251 and ED-335 and Prior Completion of or Concurrent Enrollment in ED-300; Education Majors Only; (Education Minors by Permission of Instructor).

ED 340 - Teaching in Inclusive PK-6 Classrooms

The purpose of this course is to provide participants with research-based strategies to support and honor all learners. Defining what it means to "include" students as well as what it means to "honor" them are ethical constructs that guide this course. Students develop a nuanced understanding of inclusive practices while honing pedagogical skills to assess and educate all learners. Topics of study include: disability awareness, special education law and practices, and social-emotional learning strategies.

Credits: 4

Prerequisites/Restrictions: ED-231 and (ED-251 or ED-271); Education Majors/Minors Only; Juniors and Seniors Only.

Notes: Includes a weekly field-placement in a local school.

ED 343 - Literacy in Middle and High Schools

This course considers reading as a thinking process, and examines its connection to the acquisition of concepts in middle and high schools. Topics include the relationship between literacy and equity, the range of reading readiness in classrooms, the deficiencies of textbook presentations, content and disciplinary strategies, and the significance of multiple literacies. Students reflect on personal experience, determine the readability of disciplinary resources, construct lesson plans, and develop curriculum in their content area.

Credits: 4

Prerequisites/Restrictions: ED-231 and (ED-271 or ED-251); Overall and Content Area GPA 3.0; Education Majors/Minors Only or by Permission of Instructor

Notes: Includes a 3 hour weekly field-placement in a public middle or high school.

ED 350 - Trauma-Informed Educational Practice

In this course students explore the nature of trauma and the impact this can have on the learning, development and behavior of children. Students also examine a range of strategies for supporting children, including recognizing signs of trauma, specific triggers for individual children, early intervention and coping strategies. In addition, students will reflect on the role of the educator and guidance counselor in supporting children and young people within the school community.

Credits: 4

Prerequisites/Restrictions: Education and Equity Studies Majors/Minors: Sophomores, Juniors, Seniors Only

ED 357 - Early Childhood Education

This course introduces the field of early childhood education. It provides an overview of: major historical and contemporary program models; current research on early child development and education; policy and advocacy issues; family and community perspectives; and the Vermont Early Learning Standards. Students develop skills to observe, contrast and analyze a variety of programs through required observations.

Credits: 4

Prerequisites/Restrictions: ED-251; Sophomores, Juniors, and Seniors Only; Education Majors/Minors Only (If spaces remain, course will be open with permission of instructor to students in other majors who have taken a child or human development course that includes the period of early childhood).

ED 361 - Curriculum in Middle and High School

This course offers theory and practice in curriculum, instruction, and assessment for future middle and high school teachers. Students will spend their time in content specific classrooms while learning the latest teaching techniques using technology and proficiency based education. Students will develop their understanding of diverse learners, design curriculum and assessments, and create inclusive classroom communities for students.

Credits: 4

Prerequisites/Restrictions: ED 231 and (ED 271 or ED-251). Overall content GPA 3.0; Education Majors/Minors Only.

Notes: Includes a 3 hour weekly field-placement in a middle or high school classroom.

ED 365 - Approaches to Teaching the Humanities

For individuals interested in teaching Humanities, this course allows students to investigate the practical realities of teaching humanities at the classroom, school, and community level while learning the policies, practices and tools of culturally sustaining pedagogy and personalized learning. The nexus of the course is how the Humanities intersect with education and society. Includes at least 60 hours of focused field work in an educational setting.

Credits: 2

Prerequisites/Restrictions: Secondary Education Majors Only; ED-231, ED-271, and (ED-343 or ED-361) and Concurrent enrollment in ED-423; GPA 3.0.

Notes: This course runs concurrently with ED 423 Practicum.

ED 367 - Approaches to Teaching Math, Science & Technology

For individuals interested in teaching Science, Technology, Engineering, and/or Math (STEM) related fields, this course allows students to investigate the practical realities of teaching STEM at the classroom, school, and community level while learning the policies, practices and tools of culturally sustaining pedagogy and personalized learning. The nexus of the course is how STEM fields intersect with education and society. Includes at least 60 hours of focused field work in an educational setting.

Credits: 2

Prerequisites/Restrictions: Secondary Education Majors Only; ED-231, ED-271, and (ED-343 or ED-361) and Concurrent enrollment in ED-423; GPA 3.0.

Notes: This course runs concurrently with ED 423 Practicum.

ED 369 - Integrated Curriculum in a Culturally Sustainable Classroom

In the first half of the semester, students will learn about proactive and responsive strategies to classroom management through a relationship-building lens. During the second half of the semester, students will explore the benefits of integrated learning and the process of developing an interdisciplinary unit using personalized pedagogies to better engage students.

Credits: 4

Prerequisites/Restrictions: Senior Elementary Education Majors Only

ED 370 - Teaching in an Inclusive Middle and High School

This course allows students to apply critical thinking skills in understanding human behavior as it relates to the social construction of disability. We examine social, political and historical influences from a societal perspective, as well as our lived experiences. Students learn how to plan instruction to support students with disabilities in general education classes.

Credits: 4

Prerequisites/Restrictions: Overall GPA of 3.0 required; Education and Equity Studies Majors/Minors Only; Juniors and Seniors Only.

Notes: Includes a required 2.5 hours per week practicum.

ED 380 - Topics in Education

This course focuses on current issues in education from a local, national or international perspective. The topics are grounded in emerging trends and needs within the field.

Credits: 4

ED 423 - Practicum

Extends the field-work experience of teacher candidates, requiring placement in a secondary school setting for an extensive period of time, such as two school days per week or every morning.

Credits: 2

Prerequisites/Restrictions: ED 231 and (ED 251 or ED 271) and (ED-343, ED-361 or ED-300) and Concurrent enrollment in ED 365/367. GPA of 3.0; Seniors Only; Education Majors Only.

Notes: For secondary education majors and secondary and middle level licensure candidates this course is the companion practicum to ED 365 Approaches to Teaching the Humanities or ED 367 Approaches to Teaching Math, Science & Technology.

ED 426 - Education Studies Seminar Part I

This course is for students who are currently completing their Education Studies major and participating in an internship in their education studies concentration (e.g., early child education, education policy, special education, etc.). We collaboratively examine issues raised through the internship experience; support each other as we design implement, and complete an action research project; and prepare for a professional career in education.

Credits: 2

Prerequisites/Restrictions: Education Studies Major Students Only. Seniors Only. Overall GPA of 2.7. ED-231 and (ED-251 or ED 271) and (ED-300 or ED-343 or ED-361) and (ED-340 or ED-350 or ED-370) and approved Education Studies concentration courses.

Notes: To be taken concurrently with ED-499.

When Offered: Fall

ED 427 - Education Studies Seminar Part II

This course is for students who are currently completing their Education Studies major and participating in an internship in their education studies concentration (e.g., early child education, education policy, special education, etc.). We collaboratively examine issues raised through the internship experience; support each other as we design implement, and complete an action research project; and prepare for a professional career in education.

Credits: 2

Prerequisites/Restrictions: ED-426; Seniors Only. Education Studies Majors Only.

Notes: To be taken concurrently with ED-499.

When Offered: Spring

ED 428 - Student Teaching Seminar

This course examines issues raised through the student teaching experience, supports the construction of the professional portfolio required for Vermont teacher licensure, and bridges the transition from student teacher to professional practitioner. As a community of learners, students address the theme of equity through topics such as culturally sustaining pedagogy, antiracist education, trauma-informed practice, and teacher self care. Students develop skills collaboratively to successfully enter the teaching profession and create a professional development trajectory.

Credits: 4

Prerequisites/Restrictions: By Permission of Instructor Only; Education Majors Only. Seniors Only. Must successfully pass Praxis I & II, Overall & Education GPA of 3.0, Liberal Arts Major GPA of 3.0; and Departmental approval.

Elementary Pre-reqs: ED-231, ED-251, ED-300, ED-327, ED-335, ED-339 and ED-340.

Secondary Pre-reqs: ED-231, ED-271, ED-343, ED-361, ED-370, and (ED-365 or ED-367 or GED-580).

Art Education Pre-reqs:

- PK-8: ED-231, ED-251, ED-300, ED-340, (GED-649 or GED-678) and (GED-651 or GED-674).
- 5-12: ED-231, ED-271, ED-300, ED-370, (GED-649 or GED-678) and (GED-651 or GED-674).

Notes: To be taken concurrently with ED-475.

ED 450 - Middle Grades Philosophy and School Organization

This course explores the design of structures that support developmentally appropriate educational experiences for young adolescents — block scheduling, shared governance/ leadership, interdisciplinary curriculum and teacher teaming, transitions, teacher advisories, among others.

Credits: 4

Prerequisites/Restrictions: ED-231 and ED-271; ED Majors (or Licensure) Only.

Notes: This course is an elective for the Secondary Education major, and a requirement for the Middle Level Licensure.

ED 475 - Student Teaching Internship

This internship provides art, elementary, middle, and secondary students, who are earning an education major/license, the opportunity to design, implement, and evaluate instruction under the direct supervision of a licensed teacher. This internship is the equivalent of three full courses and is taken concurrently with ED 428.

Credits: 12

Prerequisites/Restrictions: Education Majors Only; Seniors Only; Must successfully pass Praxis I & II; Overall & Education GPA of 3.0; Liberal Arts Major GPA of 3.0; and Departmental approval.
Elementary Pre-reqs: ED-231, ED-251, ED-300, ED-335, ED-339, ED-340, and ED-327.

Secondary Pre-reqs: ED-231, ED-271, ED-343, ED-361, ED-370, and (ED-365 or ED-367 or GED-580).

Art Education Pre-reqs:

- PK-8: ED-231, ED-251, ED-300, ED-340, (GED-649 or GED-678) and (GED-651 or GED-674).
- 5-12: ED-231, ED-271, ED-300, ED-370, (GED-649 or GED-678) and (GED-651 or GED-674).

Notes: To be taken concurrently with ED 428.

ED 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

ED 499 - (INT) Education Internship

This course offers opportunities for supervised internship experience for seniors majoring in Education Studies. Interns focus on integrating theory and practice while developing skills required for success in a professional environment. Optional in the fall semester for 4 credits, is required spring semester for either 4 credits or 8 credits (see advisor).

To register for this course, you will need to make an appointment with a Career Coach in the Career Education Center to receive internship approval and complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

EG 100 - Introduction to Engineering

This course for first year engineering students exposes them to the variety of engineering disciplines and their professional practices. The course will introduce basic principles of engineering design through hands-on experiences that emphasize interdisciplinary teamwork and technical communication. The course culminates with an end of semester design project incorporating technical problem solving and engineering design, ethical decision-making, teamwork, and communicating to diverse audiences.

Credits: 2

Notes: Facility with Algebra and basic Trigonometry expected.

Matches UVM for transfer purposes.

EG 220 - Statics

Fundamentals of statics; composition and resolution of forces; the analysis of force systems in two and three dimensions; and centroids and moments of inertia.

Credits: 4

Prerequisites/Restrictions: (MA 160 or MA 211) and PY 210

Notes: Matches UVM for transfer purposes

EG 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

EM 101 - Fundamentals of Emergency Management

Fundamentals of Emergency Management and command systems including the Vermont Local Emergency Management Director's course, Red Cross shelters and other federal and state courses. This program is mostly online with discussions and deliverables each week and three in person weekends throughout the semester.

Credits: 2

EM 102 - Emergency Management and Government

This course builds on EM principles, discusses government and community relations and public information, hazard assessment and culminates in a nationally recognized program in emergency management exercise evaluation and control. This program is mostly online with discussions and deliverables each week and three in person weekends throughout the semester.

Credits: 2

Prerequisites/Restrictions: EM 101

EM 103 - Emergency Management for Professionals

Fundamentals of Emergency Management and command systems including the Vermont Local Emergency Management Director's course, Red Cross shelters and other federal and state courses. This course builds on EM principles, discusses government and community relations and public information, hazard assessment and culminates in a nationally recognized program in emergency management exercise evaluation and control. This course is not available to current Saint Michael's College students.

Credits: 4

EM 201 - Emergency Management Field Study

This Independent Study engages the student to work and research the intersection of emergency management and their major or area of study. Work and deliverables will be determined and evaluated by the EM program coordinator and an appropriate professor in the academic area.

This requirement can be met by certain preapproved 2- or 4-credit courses relevant to and including sufficient connection with emergency management such as ES310 Environmental Hazards; approved on a case by case basis.

Credits: 2

Prerequisites/Restrictions: EM 102 (minimum grade of C)

EM 210 - Emergency Management Exercise Capstone

As a team students will conduct a needs assessment for an emergency exercise, assess emergency plans and resources, develop, conduct and evaluate a functional or full scale exercise according to Homeland Security (HSEEP) standards.

Credits: 2

Prerequisites/Restrictions: EM 102 (minimum grade of C)

EM 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

EM 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

EN 101 - College Writing

In this workshop course, constant writing allows students to develop ease in writing, practice academic writing, and experience all aspects of the writing process: considering and understanding purpose and audience; generating ideas;

gathering and organizing material; finding and sustaining a focus; developing a thesis; making arguments; using evidence; citing sources; doing multiple revisions; and editing for clarity, style, and correctness.

Credits: 4

Prerequisites/Restrictions: Permission of Instructor.

Notes: This course does not count toward the English major, although majors may take it.

EN 103 - Literature & Composition

This course introduces students to college-level skills in reading, interpreting, and writing about literary texts, and the reasons it is important to practice those skills in college in the 21st century.

Credits: 4

Core: Literature & The Arts

Notes: This course may not apply towards the English Major or Minor.

EN 110 - Writing, Literature, Life

This course provides an introduction to literary studies through the lens of a particular topic. It aims to make students more aware of their aesthetic experience through reading of primary texts, discussion of interpretive strategies, and writing about the process of paying attention to literature and life. All sections of EN110 emphasize active engagement in reading and writing.

Credits: 4

Core: Literature & The Arts

Notes: May be repeatable as long as the topic is different.

EN 200 - British Literature to 1789

A survey of British Literature from the Old English Period to 1789.

Credits: 4

Core: Literature & The Arts AND Catholic Intellectual Traditions

EN 210 - Early American Literature

This course introduces students to the range of American writing from the period of European settlement of the New World through the Civil War.

Credits: 4

Core: Literature & The Arts

EN 220 - British Literature after 1789

A survey of British Literature from 1789 to the present.

Credits: 4

Core: Literature & The Arts

EN 225 - On Looking

Starting from the premise that ways of seeing are historically and culturally situated, this course will explore fields of vision in nineteenth-century America. How did new photographic technologies and advances in the field of optics change the ways Americans viewed their bodies and surroundings? How does literature register and theorize shifts in attention and perspective?

Credits: 4

Core: Literature & The Arts

EN 228 - American Childhood

This course examines literary, visual, and material cultures of childhood in order to theorize and historicize representations and experiences of children in the United States, past and present. We will pay particular attention to the ways in which the categories of race, gender, sexuality, and class are mapped onto the bodies of children and inflect ideas about them.

Credits: 4

Core: (History & Society or Literature & The Arts) AND Engaging Diverse Identities

EN 230 - American Literature After 1865

This is a chronological survey of diverse texts and traditions in American literature from 1865 to the present.

Credits: 4

Core: Literature & The Arts

EN 231 - Modern American Poetry

Study of the stylistic innovations of twentieth-century American poetry in relation to relevant historical and cultural backgrounds.

Credits: 4

Core: Literature & The Arts

EN 235 - African American Literature

This course contributes to the "Literary Timelines" category in the English major. It is a survey of African American Literature structured according to historical moments and matrices rather than chronological development. This will allow for more depth and focus on the historical contexts affecting this evolving intertextual tradition.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

EN 236 - Asian American Literatures

This course introduces students to a sampling of works by Asian American writers in the 20th and 21st centuries. Throughout the semester, we will question the use of the umbrella-term "Asian American" to encompass a wide variety of very different cultural and literary traditions in the United States.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

EN 243 - Queer Lives, Queer Forms

This course offers a chronological introduction to LGBTQI+ literature from the second half of the 19th century to the present.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

EN 247 - American Literature and Buddhism, 1950-present

This course considers the ways in which Buddhism has shaped American literature since 1950. We will attend to literary movements (notably the Beats), environmental writing, cultural history, and contemporary social justice issues, but our primary focus will be on the ways in which writers use poetic devices and startling imagery to "spring" the mind.

Credits: 4

Core: Literature & The Arts

EN 260 - Authors

Ways of Reading courses introduce basic critical frameworks for analyzing texts and offer students ample opportunities to hone interpretative practices and advance their writing skills. Courses in this subcategory theorize authorship as they introduce students to individual writers and their work.

Credits: 4

Core: Literature & The Arts

EN 261 - Authors (CIT)

Ways of Reading courses introduce basic critical frameworks for analyzing texts and offer students ample opportunities to hone interpretative practices and advance their writing skills. Courses in this subcategory theorize authorship as they introduce students to individual writers and their work in the context of the Catholic Intellectual Tradition.

Credits: 4

Core: Literature & The Arts AND Catholic Intellectual Traditions

EN 270 - Readers

Ways of Reading courses introduce basic critical frameworks for analyzing texts and offer students ample opportunities to hone interpretative practices and advance their writing skills. Courses in this subcategory are interested in the reception of texts and the ways in which readers determine the meanings and legacies of literature.

Credits: 4

Core: Literature & The Arts

EN 280 - Texts

Ways of Reading courses introduce basic critical frameworks for analyzing texts and offer students ample opportunities to hone interpretative practices and advance their writing skills. This subcategory considers the elements of literary forms (plot, character, voice, perspective) as well as their different functions (aesthetic, social, cognitive).

Credits: 4

Core: Literature & The Arts

EN 290 - Cultures

Ways of Reading courses introduce basic critical frameworks for analyzing texts and offer students ample opportunities to hone interpretative practices and advance their writing skills. This subcategory explores the worlds that surround texts, both inside and outside the narrative.

Credits: 4

Core: Literature & The Arts

EN 301 - Poetry Writing Workshop

We will read and write a range of poems based on the technical aspects of poetry. All the poems students write will be discussed by the whole class, and revised and edited for final presentation in portfolio form. Even if you never write another poem after this workshop you will have a much better understanding of poetry and how it can add to your life. You will learn about poetry from the inside out.

Credits: 4

Core: Literature & The Arts

Notes: Writing workshops are repeatable, and may be taken up to three times.

EN 303 - Fiction Writing Workshop

A small workshop in which students write two short stories or one longer one, present this material for discussion by their peers and the instructor, and revise and edit it for final presentation (20-30 pages of finished work). Discussions of contemporary fiction and theory complement the workshops.

Credits: 4

Core: Literature & The Arts

Notes: Writing workshops are repeatable, and may be taken up to three times.

EN 305 - Creative Nonfiction Writing Workshop

A small workshop in which students write one or two substantial pieces of creative nonfiction, present this material for discussion by their peers and the instructor, and revise and edit it for final presentation (20-30 pages of finished work). Discussions of contemporary and historical examples of creative nonfiction complement the workshops.

Credits: 4

Core: Literature & The Arts

Notes: Writing workshops are repeatable, and may be taken up to three times.

EN 309 - Writing Matters

This course puts creative writing into conversation with critical thinking and literary interpretation. We will consider how to read like a writer, how to recognize and develop a writer's voice, and how to write in ways that are compelling and imaginative.

Credits: 4

Core: Literature & The Arts

Notes: Repeatable - Can be taken 2 times if topic is different

EN 320 - Cultures of Print

This course focuses on the creation, reception, and circulation of texts within various communities of readers.

Credits: 4

Core: Literature & The Arts

EN 325 - Critical Theory

An introduction to literary and cultural theories, emphasizing a wide range of interpretive strategies and ways of reading. We will study such schools of critical theory as deconstruction, feminism, reader response, poststructuralism, postcolonialism, aesthetics, queer theory, diasporic studies, ecocriticism, and posthumanism.

Credits: 4

Prerequisites/Restrictions: Open to English majors, English minors, Creative Writing minors, and Gender & Sexuality Studies majors. Sophomore standing and above. Recommended prior to Senior Seminar.

Core: Literature & The Arts

EN 326 - Old English

This class teaches students to read and translate Old English texts. Beginning with basic grammar, the course moves into translation, first of prose and eventually poetry. The semester culminates in a full-scale study of Beowulf. The course covers literary and cultural issues in addition to language.

Credits: 4

Prerequisites/Restrictions: EN 200 recommended.

Core: Literature & The Arts

EN 330 - Tolkien and Medievalism

In this course we will explore the major works of J.R.R. Tolkien (The Hobbit, The Lord of the Rings and The Silmarillion) in light of the medieval texts that influenced him, including Beowulf, Old English elegiac poetry, the European romance tradition, and Old Norse sagas.

Credits: 4

Prerequisites/Restrictions: Minimum Sophomore Standing Required

Core: Literature & The Arts

EN 335 - Shakespeare

Emphasis in this course is on the study of several representative plays by Shakespeare, including comedies, tragedies, a history play, and a late romance. Principal attention will be given to the published texts as literature and as scripts on which productions have been based. Performance matters will be relevant as they relate to and affect interpretation.

Credits: 4

Core: Literature & The Arts

EN 336 - Shakespeare in Performance: On Screen

This course will focus on five of Shakespeare plays recorded in at least two different video versions, from silent films to studio recordings, from filmed stage performances to major motion pictures. Critical analysis of screen interpretations of the printed texts will be enhanced by animated discussion, writing, and research, including reviews as well as scholarly commentaries.

Credits: 2

Prerequisites/Restrictions: Permission of Instructor only.

Core: Literature & The Arts (Upon completion of both EN-336 and EN-337).

EN 337 - Shakespeare in Performance: On Stage

This intensive two week study abroad course will focus on four plays performed by the Royal Shakespeare Company in Stratford-upon-Avon, England and another performance by a different company in London. Critical analysis of both

text and performance will be enhanced by animated discussion, writing, and research at Wroxton College, in addition to a broader cultural analysis of both contemporary and historic Shakespeare in performance. Travel, cultural field studies, and on-site guest lectures will complement our coursework.

Credits: 2

Prerequisites/Restrictions: EN-335 or EN 336

Core: Literature & The Arts (Upon completion of both EN-336 and EN-337).

When Offered: Summer

EN 343 - Eighteenth-Century British Literature I

A survey of the major prose and poetry from 1660 to 1740.

Credits: 4

Core: Literature & The Arts

EN 345 - American Renaissance

A study of the flowering of the prose and poetry in the mid-nineteenth century, with special attention to the major works of Emerson, Thoreau, Hawthorne, Melville, Dickinson, and Whitman.

Credits: 4

Core: Literature & The Arts

EN 351 - Victorian Novel

Readings will include novels by Austen, Scott, Eliot, Dickens, the Brontes, Thackeray, Hardy, Conrad and others.

Credits: 4

Core: Literature & The Arts

EN 358 - American Naturalism

This course explores American Naturalism, a literary movement dating from the 1880s to the 1940s that used detailed realism to suggest that social conditions, heredity, and environment had inescapable force in shaping human character. Its major practitioners were Frank Norris, Theodore Dreiser, Jack London, Stephen Crane, Edith Wharton, Glasgow, John Dos Passos, James T. Farrell, John Steinbeck, Richard Wright, Norman Mailer, William Styron, and Saul Bellow.

Credits: 4

Core: Literature & The Arts

EN 365 - 20th Century British Novel

Readings will include novels by Lawrence, Forster, Woolf, Conrad, Lessing, and McEwan.

Credits: 4

Core: Literature & The Arts

EN 368 - Contemporary Multiethnic Literature

This course offers a comparative approach to significant contemporary literature by authors writing in one or more ethnic traditions. Students will encounter texts written by African American, Asian American, Latinx, Indigenous, and/or Jewish authors and will engage complex questions about identity, belonging, history, and racial discrimination.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

EN 369 - Empire and After

Juxtaposes literature of the British Empire with the post-colonial fictions of Ireland, Africa and India. Possible authors may include E.M. Forster, Elizabeth Bowen, James Joyce, Colm Toibin, Olive Shreiner, J.M Coetzee, Nadine Gordimer, Salman Rushdie, Amitav Ghosh, Arundhati Roy, and Zadie Smith.

Credits: 4

Core: Literature & The Arts

EN 370 - Major British Writers

Emphasizes the work of one to four British writers.

Credits: 4

Core: Literature & The Arts

Notes: May be repeatable as long as the topic is different.

EN 371 - Major American Writers

Emphasizes the work of one to four American writers.

Credits: 4

Core: Literature & The Arts

Notes: May be repeatable as long as the topic is different.

EN 376 - Topics in African-American Lit

This course explores how the tradition of African American literature has evolved in response to historical and cultural conditions, with particular focus on the relations between oral, musical, and vernacular expression and written texts. Special topics may include: autobiography, blues and jazz in literature, visionary improvisation in black poetry.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

EN 380 - Women's Literature

Explores selected works by women writers. Students discuss themes and topics that are of particular interest to female authors including patriarchy, access to political power, finding a voice, women's biology, the environment, language and, especially, historical and cultural contexts.

Credits: 4

Core: Literature & The Arts

EN 382 - Nature, Perception and Imagination

This course examines the Romantic tradition of nature study from the European Romantic movement through the Transcendentalists to contemporary writers, with particular focus on Goethe, Wordsworth, Emerson, Thoreau, Frost, Oliver, Coetzee and Calvino.

Credits: 4

Core: Literature & The Arts

EN 384 - In Wildness

When Henry David Thoreau proclaimed that "in wildness is the preservation of the world," he articulated an aesthetic and environmental vision that continues to resonate today. This course will consider the shifting meanings of "wildness" and "wilderness" in the American literary, cultural, and environmental imagination.

Credits: 4

Core: Literature & The Arts

EN 388 - Film and the Environment

This course surveys a diverse array of films that dramatize a broad range of environmental issues, e.g., soil and water conservation, food crises, industrialization, overpopulation, pollution, nuclear energy, fracking, and humanity's relation to wild animals and the wilderness. We will screen, analyze, discuss, and write these films both in cinematic terms and in terms of the ethical and philosophical issues they raise about the technocratic transformation of life on Earth in the modern era.

Credits: 4

Core: Literature & The Arts

EN 390 - Topics in Literature

A course on a topic not offered by the department in a given semester or not customarily offered on a regular basis.

Credits: 4

Core: Literature & The Arts

Notes: May be repeatable as long as the topic is different.

EN 391 - Topics in Film

Designed to give students an opportunity to engage in the study of film and film criticism beyond the introductory level. Focuses on a variety of possible issues and genres, including film noir; women's film; documentary; New German cinema; horror film; silent film; Third World film; and specific directors (Welles, Wenders, Hitchcock, Truffaut, Kurosawa).

Credits: 4

Core: Literature & The Arts

Notes: May be repeatable as long as the topic is different.

EN 396 - Teaching Writing

Open to all majors, this writing-intensive course trains students to work as coaches in the Writing Center and helps prepare them to become editors, writers, or teachers at the elementary, secondary, or college level. Readings focus on the process of learning to write, tutoring methods, the writing process, writing across the curriculum, and style. Coursework is supplemented by two hours per week experience in the Writing Center.

Credits: 4

Prerequisites/Restrictions: Permission of Instructor.

Notes: Students interested in taking EN-396 should contact the instructor 2 weeks prior to registration.

EN 410 - Senior Seminar

Designed to be an English major's most important course, the one in which students most fully demonstrate the skills acquired in the previous years of reading, writing, and studying. The course culminates in a senior thesis and presentation. As far as possible, student choice of subject matter will be honored.

Credits: 4

Prerequisites/Restrictions: EN/AM Majors Only; Seniors Only.

EN 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

EN 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

EQ 320 - Liberation, Leadership, & Revolution

How do systems of hierarchy, oppression, and domination come to exist? What makes people go along with them? How is propaganda used to control our thinking and influence our actions? How do we free our minds to become critical thinkers, seeking liberation, equity, justice? How does inner, personal freedom relate to outward-facing leadership for social change? What can we learn from leaders of liberation movements? What forms can leadership take? Music, art, speech, protest, education?

Credits: 2

Core: Engaging Diverse Identities (ONLY when in combination with EQ-321)

EQ 321 - Liberation, Leadership, & Revolution in South Africa

How do systems of hierarchy, oppression, and domination come to exist? What makes people go along with them? How is propaganda used to control our thinking and influence our actions? How do we free our minds to become critical thinkers, seeking liberation, equity, justice? How does inner, personal freedom relate to outward-facing leadership for social change? What can we learn from leaders of liberation movements? What forms can leadership take? Music, art, speech, protest, education?

Credits: 2

Prerequisites/Restrictions: EQ-320

Core: Engaging Diverse Identities

EQ 410 - Advanced Integrations

This is the capstone course for the Equity Studies major and the Peace and Justice minor. Students will have the opportunity to synthesize theoretical material from this and previous courses, and apply it to cases and issues relevant to their respective major or minors. Students will be expected to use research, writing, and presentation skills to complete Community-Engaged Learning projects related to their topical areas of interest.

Credits: 4

Prerequisites/Restrictions: Seniors Only; Juniors by Permission of Instructor

When Offered: Spring

ES 103 - Sustainability: Environmental Science Perspective

An overview of the challenges to global sustainability, from an environmental science perspective. Major course units will include biodiversity, natural resources, energy, water, food and global climate change. Includes discussion of ethical dimensions of these challenges, as well as a call to action on both a local and global scale.

Credits: 4

Core: Scientific Inquiry

ES 105 - Nature and Culture

This course explores our understanding of the natural world from the perspective of the humanities. Through the study of such concepts as wilderness, biophilia, the Anthropocene, deep ecology, environmental aesthetics, and multi-species ethnography, this course asks how we can productively transform our own thinking to become more thoughtful contributors to cultural and environmental debates by becoming sophisticated and generous interpreters of texts, the world, and our own experience.

Credits: 4

ES 106 - Environment and Society

This course is a social science based investigation of the complex relationship between humans and their environment, with emphasis on the impact people have on the environment in relation to the social, economic, and political contexts in which they take place. Important concepts such as environmental ethics, resource use, sustainable development, climate change adaptation/mitigation are overviewed as well as political economy, institutions for environmental governance, and issues of environmental economics.

Credits: 4

Prerequisites/Restrictions: ENV/ES/EX Majors & ENV Minors Only (Majors/Minors Only restriction will be released for open registration).

ES 107 - Environmental Science

This course is a science-based investigation of the Earth as a system, with application to understanding many issues in contemporary environmental policy. Science is an attempt to discover how nature works. Through careful observation, measurements, experimentation, and modeling, students will explore issues in contemporary environmental science. These include climate change, biodiversity, deforestation, ecosystem structure and function, population, biogeochemical cycling, energy, as well as investigations of environmental problems, their causes, and solutions.

Credits: 4

Prerequisites/Restrictions: ENV and ES Majors/Minors Only (Majors/Minors Only restriction will be released for open registration); Concurrent registration in ES-107L is required.

Fee: Yes

Core: Scientific Inquiry

ES 107L - Environmental Science Lab

This course is a science-based investigation of the Earth as a system, with application to understanding many issues in contemporary environmental policy. Science is an attempt to discover how nature works. Through careful observation, measurements, experimentation, and modeling, students will explore issues in contemporary environmental science. These include climate change, biodiversity, deforestation, ecosystem structure and function, population, biogeochemical cycling, energy, as well as investigations of environmental problems, their causes, and solutions.

Credits: 0

Prerequisites/Restrictions: ENV and ES Majors/Minors Only (Majors/Minors Only restriction will be released for open registration); Concurrent registration in ES-107 is required.

ES 201 - Environmental Research Methods

Research methods applied to study of environmental problems. Methods and skills to be developed may include qualitative research, policy analysis, rapid assessment of development, ecosystem services valuation, cost-benefit analysis, approaches to conflict resolution and negotiation, scientific analyses of water, soil and biodiversity, investigative journalism, as well as more general skills of map work, field note-taking, data analysis, technical report writing and oral presentation. Pathways to learning about environment and career choices will be discussed.

Credits: 4

Prerequisites/Restrictions: ES-106 and ES-107; ENV and ES Majors Only; Sophomore standing or above.

Fee: Yes

ES 211 - Water Resources

A geographical examination of human-environment relations in the context of water. Built on a foundation of hydrology/water resource management, the course examines the development and resolution of conflict over this critical natural resource. Possible topics include the hydrological cycle; surface and groundwater processes; the distribution and development of water resources at a variety of spatial scales; water law; globalization and the commodification of drinking water supplies; international conflict over water supplies; water and human rights.

Credits: 4

ES 213 - Earth Systems and Processes

A systematic examination of the Earth's physical systems and processes: landforms, geology, vegetation, soil, and weather/climate. The emphasis of the course is on these processes, but human-Earth interactions are also examined. Labs promote hypothesis testing, sampling, and experimentation on processes occurring in the lithosphere, hydrosphere, atmosphere, and biosphere.

Credits: 4

Prerequisites/Restrictions: ES-107 or Permission of Instructor

Fee: Yes

Core: Scientific Inquiry

ES 220 - Maps and Apps: Space and Place in Electronic Environments

An exploration of maps and mapping in electronic environments. Students will explore the fundamental premises of cartography and apply them in various Geographic Information Systems (GIS) environments. Course topics include map creation and analysis, virtual globes, exploration and use of online "public" mapping and spatial analysis services, and basic use of GIS software. The principle objective is to investigate an array of mapping and spatial display environments rather than develop expert GIS users.

Credits: 4

Notes: This course will not be open to students who have already received credit for ES-260: Geographical Information Systems. (Students who complete ES-220 may, however, move on to complete ES-260).

ES 225 - Food Systems & Sustainable Agriculture

Students will explore the structure and function of the contemporary food system with a focus on Vermont, a small rural agricultural state, and compare it to historical models before launching into a rich investigation of ecological agricultural practices. The Permaculture Site and field visits to local farms will serve as a living classroom as we study sustainable agriculture through the lens of agroecology. This approach will inform students about the role that ecology and systems thinking must play in the designing and managing of sustainable food systems.

Credits: 4

ES 243 - Environmental Study of Sustainable Places

The past several decades have witnessed the rise of an environmental consciousness rooted in "sustainable development" and "green economy" paradigms. This course is designed to explore through cultural, ecological, political, geographic and artistic lenses, how societies are integrating ecological sustainability throughout their cultures, institutions and policies.

Credits: 2

Prerequisites/Restrictions: Permission of Instructor

Crosslisted: PO-243

ES 244 - Environmental Study of Sustainable Places - Wales Field Trip

This two-week study abroad course in May focuses on how Wales in the United Kingdom has integrated ecological sustainability throughout its culture, institutions, art, and policies. Cultural and environmental field studies, on-site guest lectures, exchange of research and artistic projects with University of Wales students and faculty will complement coursework.

Credits: 2

Prerequisites/Restrictions: ES 243

ES 260 - Geographic Information Systems

This course provides an introduction to the field of Geographic Information Systems, including cartography, visualization, and analyses of geospatial data. Students will learn the basics of mapping/cartography (e.g. scale, projections, map design), create maps with commonly used digital data (e.g., aerial photographs, census boundaries, digital elevation models), and master basic methods of spatial analyses. Both concepts and hands-on techniques will be taught in this course.

Credits: 4

Prerequisites/Restrictions: Environmental Studies Majors/Minors, Environmental Science Majors & Public Health (BS) Majors Only.

Notes: This course may require a full day field trip on the weekend or during regular classes.

ES 301 - Advanced Topics in Environmental Studies

A course on an advanced topic in Environmental Studies, not offered on a regular basis. Consult with the instructor before enrolling to determine topics to be studied.

Credits: 4

Prerequisites/Restrictions: Environmental Studies Majors/Minors, Environmental Science Majors only.

Notes: May be repeatable as long as the topic is different.

ES 305 - US Environmental History

An examination of the relationship between humans and the environment in US history, from the Colonial Period to the present. Topics include, but are not limited to, colonial perspectives on nature, popular environmental movements, commodification of the natural world, and environmental justice.

Credits: 4

ES 306 - Environmental Justice

An examination of environmental justice as a movement of resistance to the environmental risks experienced by economically and politically marginalized communities. Students consider the ways systemic inequalities, driven by race/ethnicity, class, or gender, lead to disproportionate environmental and health risks, and how communities respond to them.

Credits: 4

Prerequisites/Restrictions: ES-201 or Permission of Instructor

Core: Engaging Diverse Identities

Notes: Course will count towards Justice and Sustainability as a foundation course in that track. Will count as elective for other tracks.

ES 307 - The Environmental Humanities

The Environmental Humanities is an emerging transdisciplinary field that seeks to reimagine what it means to be human in a shared, endangered world. This course examines the field's critical theories and their applications to such topics as ecological grief, the environmental arts, ecological spiritualities, interspecies ethics, techno-utopianism, and ecotourism.

Credits: 4

ES 308 - Environmental Education

An introduction to the field of Environmental Education. Topics include the role of nature in the classroom and the idea of a 'nature deficit disorder'; environmentally-centered pedagogies and teaching practices; and professional opportunities in environmental education. Field visits and campus natural spaces – forest, farm, gardens & natural area – will become the classroom.

Credits: 4

ES 310 - Environmental Hazards

The course focus lies at the intersection of natural systems and human interactions. Environmental Hazards include both natural hazards (extreme geophysical and biologic events) and technological hazards (disasters originating from industrial processes or infrastructure). Emphasis will be placed on both the geography, description, frequency of physical characteristics as well as understanding human dimensions (risk, vulnerability, mitigation).

Credits: 4

Prerequisites/Restrictions: ES 201

ES 311 - Community and Environmental Planning

An introduction to community and environmental planning from an applied geography perspective. Foundational topics include the evolution of the American urban system and the internal structure of cities; the evolution of planning as a legal and regulatory facet of American society; planning techniques and tools; approaches to environmental problem solving at local and regional scales. The class has a fieldwork component. Students are introduced to the use of Geographic Information Systems (GIS) software.

Credits: 4

Crosslisted: GG-311

ES 312 - Energy and Climate Change

The students will learn about the connections between the production and distribution of energy, and their respective impacts on the environment (local and global) as well as their links to climate change. The course provides students with an understanding of the complex issues related to Energy and Climate Change.

Credits: 4

Prerequisites/Restrictions: Minimum junior standing.

ES 314 - Biogeochemistry of Global Change

An exploration of the biological and chemical conditions of the earth and how they have changed in the past and are changing in the present. We focus on global change and biogeochemical cycles of the atmosphere, hydrosphere, ocean, and terrestrial systems caused by both natural processes and human actions.

Credits: 4

Prerequisites/Restrictions: ES-107 or BI-151 or (CH-110 and CH-117), Minimum Sophomore Standing

ES 325 - The Politics of Food

Investigates the connections between food choices and political and cultural power; considers decisions about production and distribution as economic, environmental, and social, from farms to restaurants, slaughter houses to home kitchens; explores the paradox of abundance and famine side-by-side in the world, revealing day-to-day politics as well as alternatives approaches.

Credits: 4

Prerequisites/Restrictions: Junior or Senior standing only.

Core: Engaging Diverse Identities

Crosslisted: PO 325

ES 327 - Environmental Policy

An examination of the key drivers of environmental policy at a variety of geographic scales. Course themes may include policies related to endangered species, environmental impact analysis, air and water pollution; toxic and nuclear waste; environmental justice; and energy policy and its externalities. Supplementary emphases may include: globalization and environmental policy through treaty and protocol; the evolving role of non-governmental organizations and social movements in environmental policy.

Credits: 4

Crosslisted: PO-327

ES 332 - Art & Ecology

This course will lead students to an understanding of interdisciplinary artwork that can be defined as EcoArt or Environmental Art through creative production, research, and analysis. These terms describe artworks created over the past 40 years that focus primarily on ecological or environmental issues.

Credits: 4

Core: Literature & The Arts

Crosslisted: AR-332

ES 337 - Farm and Food Intensive Spring

The first of two half-courses focused on on-farm skills; grounded studies of plant biology, entomology, and soil science; and farm planning, readiness and season extension. This course should be completed prior to Farm and Food Intensive Fall, although the courses may be completed out of order with instructor permission.

Credits: 2

Prerequisites/Restrictions: Permission of Instructor Required

ES 339 - Farm and Food Intensive Fall

The second of two half-courses focused on on-farm skills; grounded studies of plant biology, entomology, and soil science; and farm harvest, food safety and season extension. This course will be the equivalent of a half course delivered in approximately 11 weeks with an appropriate increase in the per week workload for students. This course should be taken after the completion of Farm and Food Intensive Spring, but the course may be completed out of order with instructor permission.

Credits: 2

Prerequisites/Restrictions: ES-337 OR Previous or Concurrent Enrollment in ES-225

ES 340 - Sustainable Entrepreneurship

What makes a business both environmentally sustainable and a good business? How are environmental impacts measured by businesses themselves, by sustainable business practice collectives, and by governments at various scales? This course will use Vermont's vibrant social entrepreneurial sector as a case study in assessing the environmental, social and economic impacts of established and emerging social/green businesses.

Credits: 4

ES 351 - American Wilderness

Among all the tenets of American environmentalism, nothing has been more formative, and controversial, than society's evolving views on Wilderness. This course offers an opportunity to examine Wilderness through a wide variety of texts, perspectives, and experiences. The approach in the course will mirror the interdisciplinary nature of Wilderness thought, policy, geography, and politics.

Credits: 4

Prerequisites/Restrictions: ES-201 or permission of instructor

ES 353 - Buddhism and the Environment

An introduction to the interface between Buddhist philosophy/meditation and the exigencies of contemporary environmental awareness, activism, and personal and societal practice. Students explore Buddhist perspectives on 'seeing', the senses, consumption, liberation, equanimity, interdependence, and impermanence, all in the context of the very modern and constantly evolving environmental challenges of our day.

Credits: 4

Prerequisites/Restrictions: ES and ENV students only

ES 355 - Animal Studies

An introduction to the field of Animal Studies, the interdisciplinary study of the relationship between humans and other animals. Traversing the humanities and social sciences, we will consider such topics as animal rights, animality, zoos, movies and cartoons, children's literature, animals and the law, and the ethics of animal ownership.

Credits: 4

Prerequisites/Restrictions: ES/ENV Majors/Minors Only or by Permission of Instructor.

ES 357 - Environmental Restoration

An exploration of the interdisciplinary and cross-cutting field of Environmental Restoration. Students will develop and apply insights from the social and natural sciences and humanities to historic and contemporary examples of restoration. They will examine the philosophical and ethical bases, science, and motivation behind environmental restoration in current and historical literatures using a project-based and mini-seminar format.

Credits: 4

Prerequisites/Restrictions: ES-201 or Permission of Instructor

ES 360 - Living in Place

This course introduces students to ecological design, sustainable architecture, and environmental building practices. Topics include green urbanism, architectural regionalism, renewable energy, water and waste systems, and biophilic design, with special attention to types of structures, including Tiny Houses, yurts, vans, treehouses, and cabins.

Credits: 4

ES 410 - Senior Seminar in Environmental Studies

A capstone course bringing Environmental Studies seniors with different foci in the major together to examine a topic in depth and from an interdisciplinary perspective.

Credits: 4

Prerequisites/Restrictions: ES-201; Environmental Studies Majors Only; Seniors Only.

ES 411 - Senior Seminar in Environmental Science

This course provides the capstone experience in Environmental Science. Students will apply interdisciplinary scientific knowledge to an in depth exploration of a specific topic. Students will review environmental literature, demonstrate oral and written communication skills, and discuss societal implications of environmental science, including its moral and ethical dimensions within the broader context of the liberal arts.

Credits: 4

Prerequisites/Restrictions: Seniors only; Environmental Science majors only

ES 420 - Senior (Honors) Research

Senior (Honors) Research provides an opportunity for students who have demonstrated excellent academic performance to undertake an original thesis project, a laboratory or a field investigation with a faculty mentor. The results must be reported in written form and presented orally or as a poster.

Credits: Variable

Prerequisites/Restrictions: Permission of Instructor required.

Notes: One or two semesters.

ES 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: ES-201; Permission of Instructor; Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

ES 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

FR 101 - Elementary French 1

A course designed to develop basic language skills and introduce students to the cultures of the French-speaking world.

Credits: 4

Core: Second Language for B.A.

Notes: No credit given for FR-101 if credit has been given for a higher level of French.

FR 102 - Elementary French 2

This course follows FR 101 and continues the development of students' basic language skills in all areas. Some course material will be based on French and Francophone culture.

Credits: 4

Prerequisites/Restrictions: FR 101 or Placement.

Core: Second Language for B.A.

Notes: No credit given for FR-102 if credit has been given for a higher level of French.

FR 200 - French Applied Language Component

Students may develop their proficiency in French through an applied language component (ALC) attached to a course taught in English from another department. Students will read and discuss, in French, selected texts or other materials pertinent to the subject matter of the associated course. The ALC meets once per week and counts as a half course (beyond the course to which it is tied).

Credits: 2

Prerequisites/Restrictions: FR 102

Notes: May be repeatable.

FR 201 - Business French

This course will help prepare students to use their French-language skills and cultural understanding to function in a business or professional environment (whether in the commercial or non-profit sector) by providing them opportunities to enrich their vocabulary and further develop targeted language skills through communicative activities.

Credits: 2

Prerequisites/Restrictions: FR-102 or higher OR placement at or beyond the Intermediate 1 (FR-203) level.

Notes: Counts as elective for FR Major/Minor.

FR 202 - French for Health Professions

This course seeks to help students become more fluent overall and ready to work in a French-speaking context, particularly in a health-related professional setting. Students will also learn about different cultural perspectives on health and medicine in the French-speaking world, as well as different public health and healthcare systems.

Credits: 2

Prerequisites/Restrictions: FR-102 or higher OR placement at or beyond the Intermediate 1 (FR-203) level.

Core: Second Language for B.A

Notes: Counts as elective for FR Major/Minor.

FR 203 - Intermediate French 1

This course follows 102 and offers further development in all language skills. Some course material will be based on French and Francophone literature and culture.

Credits: 4

Prerequisites/Restrictions: FR-102 Minimum grade of C; or equivalent placement.

Notes: No credit will be given for FR-203 if credit has been given for a higher level of French.

FR 206 - Intermediate French 2

This course follows FR 203 and offers further development of students' intermediate language skills in all areas. Some course material will be based on French and Francophone culture.

Credits: 4

Prerequisites/Restrictions: FR-203 Minimum grade of C; or equivalent placement.

FR 208 - Conversation in French

This intermediate-level conversation course emphasizes speaking skills: vocabulary, pronunciation, accuracy of expression, confidence, and fluency. Students will also practice listening, reading, and writing skills through class discussion and assignments. Course topics will focus on current affairs and contemporary social, political, and cultural issues in France and the Francophone world.

Credits: 2

Prerequisites/Restrictions: FR-206 Minimum grade of C; or equivalent placement; or permission of instructor.

Notes: May be repeated.

FR 270 - Senegalese Culture

This course will give you a solid introduction to West African culture through the study of Senegal in an interdisciplinary approach (history, religious and film studies, literature, sociology, linguistics.) in order to get a good understanding of what Senegalese society is like today.

Credits: 2

Core: Students must also complete FR-271 or GL-271 to earn CORE credit.

Crosslisted: GL-270

FR 271 - Service and Culture in Senegal

You will spend two weeks in Senegal and learn about Senegalese culture through an interdisciplinary approach and by having excursions and visits, lectures by guest speakers, service and hands on activities, interactions with the locals, and class discussions.

Credits: 2

Prerequisites/Restrictions: FR-270 or GL-270

Core: History & Society AND Engaging Diverse Identities

Crosslisted: GL-271

FR 308 - Advanced Conversation

The study and practice of oral expression. Class activities are related to different aspects of French and Francophone culture.

Credits: Full

Prerequisites/Restrictions: FR-206 Minimum grade of C; or equivalent placement.

Notes: In French. May be repeated.

FR 310 - Advanced Communication and Culture

This course is designed to help students consolidate their grammar and vocabulary skills as they develop their writing skills. The goal is to foster students' critical reflection and self-correction, thereby increasing their independence in the craft of writing.

Credits: 4

Prerequisites/Restrictions: FR-206 Minimum grade C, or Placement.

Notes: In French. Fulfills Written Communication requirement for the French major. Students may take FR 310 and FR 343 concurrently.

FR 313 - Topics in Francophone Culture

Explores cultures of French-speaking countries and regions outside France (Québec, Africa, the Caribbean, New England, etc.). Courses could cover such topics as: the culture of Québec; Haitian culture through its art; sub-Saharan Francophone literature; New England's Franco-Americans; or the oral tradition in Francophone culture.

Credits: 4

Prerequisites/Restrictions: FR-310 Minimum Grade of C (when offered in French)

Core: Engaging Diverse Identities

Notes: May be repeated for credit barring duplication of materials. If the course is offered in French, it may be applied to major/minor credit. If offered in English, an ALC in French may be available.

FR 315 - Topics in French Culture

Explores the cultures of France. Courses could cover such topics as Paris as a center of French culture, medieval France, the Enlightenment, or women in France.

Credits: 4

Prerequisites/Restrictions: FR-310 Minimum grade of C (when offered in French).

Notes: May be repeated for credit barring duplication of materials. If the course is offered in French, it may be applied to major/minor credit. If offered in English, an ALC in French may be available.

FR 321 - Intercultural Québec

This course will help you learn more on our closest international and Francophone neighbors, the Québécois. We will explore Québec's history and culture through its rich diversity and interculturalism, from the First Nations, the French pioneers and the slaves in New France, to today's new Québécois coming from Haiti, China, Algeria, Rwanda, or Senegal.

Credits: 4

Prerequisites/Restrictions: FR-310

Core: History & Society and Engaging Diverse Identities

FR 335 - Readings in Francophone Literature

Readings in Francophone literature from outside France (Québec, Africa, the Caribbean, etc.). Courses could cover such topics as: French-Canadian women authors, Haitian literature of the diaspora, literature of the Négritude movement in Africa and the Caribbean.

Credits: 4

Prerequisites/Restrictions: One course beyond FR 310 (when offered in French), Minimum grade C .

Core: Literature & The Arts

Notes: May be offered in French or English. May be repeated for credit barring duplication of materials.

FR 340 - Readings in French Literature

The course may be based on a single author, work or movement or may be of a topical nature. Past courses include "Medieval Literature" and the "Nineteenth-Century Novel."

Credits: 4

Prerequisites/Restrictions: One course beyond FR 310 (when offered in French), Minimum grade C

Core: Literature & The Arts

Notes: May be repeatable as long as the topic is different.

FR 341 - Readings in French Literature (CIT)

This course will explore literary works that participate in, reflect on, or respond to the Catholic cultural, intellectual, and spiritual tradition in France and/or the Francophone world-over a range of historical periods or through a specific author, work, movement, or period. It may be offered in French or English (with works studied in translation).

Credits: 4

Prerequisites/Restrictions: When offered in French, one course beyond FR 310.
When offered in English, none.

Core: Literature & The Arts AND Catholic Intellectual Traditions

FR 343 - Literary Studies in French

Familiarizes students with different literary genres and styles and introduces them to the principal literary movements and authors of French and Francophone literature.

Credits: 4

Prerequisites/Restrictions: FR-310 Minimum grade of C (FR-310 can be taken concurrently with permission of instructor).

Core: Literature & The Arts

Notes: In French.

FR 345 - Poetry in French

An exploration of poetry leading to an appreciation of its uniqueness as a genre. The course will discuss what makes poetry different from other literary forms and will provide the student with a better understanding of poetry, authors, and traditions and with the tools of poetic analysis.

Credits: 4

Prerequisites/Restrictions: Completion of any 300-level French elective or Permission of Instructor.

Core: Literature & The Arts

FR 460 - Senior Seminar

In the capstone course for majors, students use the skills and knowledge gained over the course of their studies on campus and abroad to produce a substantial academic essay written in the language of the major. The theme of the essay depends on the particular year, professor, and student.

Credits: 4

Prerequisites/Restrictions: Completion of any 300-level French elective or Permission of Instructor. Majors Only; Seniors Only.

FR 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0

Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

FR 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

FS 102 - The Afterlife

This seminar explores how cultures in different times and places have imagined what happens to human beings after death. It will also examine how beliefs about the afterlife are related to questions of power, authority, and ethics in this life. All major world religions, and some localized indigenous traditions will be covered.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 110 - Purpose, Meaning & Happiness

Is the pursuit of happiness the same as the search for meaning? Do activists who dedicate themselves to a cause consider themselves happy? Are the wealthy happy because they never need to worry about money? Research shows there is more to life than happiness and more to happiness than pleasure alone. We will explore the differences between a meaningful life and a happy one to gain insight into how to live the life you want.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 111 - The Examined Life

In this course we will examine our lives by writing about them, using "lenses" from various fields (literature, history, philosophy, or psychology, for instance) to see ourselves from different angles. We will write personal narratives/memoirs of our own, using what we have learned to further explore the writing process and examine our own lives.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 112 - Drama and Culture

This course will introduce students to plays from classical times to the present. Through reading, watching, discussion, and regular writing assignments, students will be challenged to understand the relationships between the theatrical worlds that playwrights have fashioned and the world in which we live. Live performances during the semester may be included as they become available.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 113 - Tries: Creative Writing

This is a course in creative writing. An essay (from the French essayer, to try) is a try, an attempt to articulate a world. We will read models in a variety of genres and then write our own tries, in a workshop format. No previous experience in creative writing is required.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 115 - The American Environmental Imagination

This course is designed to introduce students to American literary and cultural representations of the natural environment, examining a variety of writings that have shaped the way that we understand and treat nature. We will consider a number of relevant disciplines, including environmental philosophy, politics, aesthetics, and ethics.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 116 - Snow: The Art and Science of Alpine Crystals

This course offers an introduction to the literature, science, and technology of alpine crystals, as well as an exploration of "winter mountaintop sublimity." Our focus will be on reading, writing, and animated discussion about snow and ice crystals as they are featured in prose, poetry, and scientific experiments. Coursework requirements include four formal essays, a longer essay with a research component, an oral presentation, and a field trip.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 117 - Joan of Arc

Illiterate peasant, mystic, and military leader during the Hundred Years War, Joan of Arc (d.1431) was captured and eventually executed for witchcraft and heresy. Her life and death allow us to explore issues associated with gender, war, heresy, and politics in the pre-modern world. Contemporary literature and films will also demonstrate her influence today.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 118 - Performance, Art & Social Justice

This course examines how various forms of artistic performance and visual art are uniquely equipped to engage us in dialogue about divisive issues and lead us toward action to fight social injustice.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 121 - Dylan's Times, Chimes & Rhymes

This course will explore Bob Dylan's music and lyrics. We will examine the various traditions that influenced his work, his role as a voice of our times (1960-present), and his unique talent as poet, musician, writer, artist, and performer. Through Dylan's work we will also reflect on the function of art.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 122 - Music and the Human Experience

This course explores the power of song as it relates to the human condition. The class will examine music's many dimensions – cultural, social, political, etc. – and how music can address and engage in issues from gender, identity, healing, and spirituality to stereotypes, oppression, solidarity, and the "other."

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 123 - On Memory

What is memory? Why do we remember? What role does memory play in constructions of self and society? Can we exist without memory? This course will explore such questions on memory, which have been posed and debated since antiquity. Our study will be interdisciplinary, considering these problems through the lenses of psychology, sociology, neuroscience, and history.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 126 - Sports Stories

This course focuses on sports-centered stories, novels, nonfiction books, and films and explore what these works teach us about honesty, fairness, endurance, faith, solidarity, disappointment, pain, and other essential facts of life.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 127 - Storytelling

This course explores storytelling as a cultural and familial practice, a form of historical documentation, and a literary art. We consider how stories shape perceptions (of nature, of nation, of community, of family, of self), and vice versa. Examples include diverse modes of engaging others, preserving and defining traditions, and communicating within and across cultures and subcultures through narrative. Students also examine the integration of storytelling practice across various academic and professional fields.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 128 - Journey Stories

We use stories to make sense of our world and to share that understanding with others. This seminar reads, examines, and listens to the stories people tell. Students will tell their own stories, attend a Moth Story Slam, and interview other

people to give them an opportunity to tell their own story. We will use these stories to develop a common language and understand both the inner and outer landscapes of our lives.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 129 - From Dungeons to Dragons: D&D

Welcome, adventurers, to Dungeons and Dragons! This course will harness the imaginative creativity inspired by the fantasy tabletop game D&D to provide students with the tools to create their own stories. We will explore the lore of the game, create characters within its expansive fictional universe, and reflect on connections to contemporary issues (race, politics, interpretations of history, etc.). Students will unleash their creative side while developing their skills in collaboration, discussion, storytelling, and writing.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 139 - Resistance and Empowerment

This seminar will explore the theme of resistance and empowerment from a range of different sources to better understand how words and images can be used as artistic, social, and political tools to give voice to those who are otherwise forgotten, ignored, discriminated against, or excluded.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 140 - Place and Placelessness

This seminar examines conceptions and experiences of place. We live in a world of distinct, memorable and meaning-infused places. By exploring spaces and places which seem to resonate with meaning, we will probe how the essence of the meaning of place can be imposed and maintained (or resisted and denied?), and how we define ourselves and others through and within places.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 147 - Skull Wars

This course examines how celebrity-seeking, competition, sexism, and racism dominate knowledge production in physical anthropology and the hunt for human ancestors. We will explore how numerous scientists and popularizers

leverage academic publishers and the media for selfish ends and explore how historical western imperialism, and its attendant racisms, have plagued, and continue to plague, the science of paleoanthropology.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 150 - Black Voices of Democracy

African American writing and music are fundamentally American traditions that express the gaps between democratic ideals and social realities. From the time of slavery to the present, Black writers have used the prophetic power of voice—spoken, sung, and written—to move the nation towards transformation, freedom, and equality. This course explores examples from these traditions.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 153 - Peace and Justice

This course is designed as an introduction to the subject of social justice through the study of social justice issues in the context of the lives of individuals who envision(ed) a more just society and endeavor(ed) to live by that vision. We will study issues such as nonviolence, racism, and social and economic inequality, and individuals such as Gandhi, Martin Luther King, Jr., and Paul Farmer. This course includes a community service component.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 154 - Race, Gender, and Ethnicity in Media

Our society is fundamentally affected by our understanding of race, gender and ethnicity. In this class we will explore how these categories are constructed and function in society and the ways they are shaped by the media. Media portrayals profoundly influence our perspective on the world. We will seek to understand the impact of these media depictions.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 155 - Race/Gender/Sexuality in Film

This course explores stories about democracy and diversity in film, looking to the cultural and political contestation over race, gender, and sexuality in important works from countries around the world. Students will examine different

ways democracy and identity are explored, paying close attention to who tells stories and how they are told. Assignments include a variety of styles of reflection and analysis.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 156 - Memoir: LGBTQI Authors

Through critical life stories by LGBTQI authors from around the world, this course explores racism, misogyny, and homophobia in individual memories of self-discovery and resistance. Grounded in comparative reflections on identity in text and film, the course builds knowledge from the experience of what it means to be different and to act politically.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 158 - Society, Identity, and Race

This course examines race, power dynamics in society, the creation of identity, and the nature of racial injustice. We will explore the formation of racial identity and the power of radical critique in response to powerful external forces and the inherent human drive to shape and determine one's own self.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 161 - Technology and Ethics in Society

This seminar investigates the interplay of technology and ethics. The impact of technological innovations on human society and the ethical challenges which have arisen because of them will also be discussed. Readings may include selections from fields such as philosophy and the social sciences as well as topics related to biotechnology and genetic engineering, artificial intelligence, surveillance and security, and the consequences of social media. (Topics will vary every semester.)

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 162 - Science and Technology that Changed History and You

From ancient history to today's technological age, fundamental scientific discoveries and new technologies have impacted all aspects of change in human society. Through readings, writings, discussions, and hands-on experiments, we will examine the discoveries and inventions that have affected some of the major turning points of history as well as

the science hidden behind many social, economic, and political changes.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 163 - Climate Crisis: Visions of Sustainability and Justice

In this course, we will analyze the deep roots of the climate crisis, understanding what has brought it about. We will ask, then, what it would take to change our ways of living in response to its demands. To do this, we will engage a visionary horizon – imagining radically different ways of living that might not only avert the worst of climate change, but create far more just and more satisfying societies as well.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 165 - Math & Social Justice

In this course we will analyze how math can be used to assess problems pertaining to social justice and what it means to use mathematics ethically. We will consider political topics like gerrymandering and will discuss how big data and algorithms can amplify social inequalities. There are no specific math skill requirements for this course.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only.

Core: First-Year Seminar

FS 170 - Medieval Magic & the Divine

This seminar will explore medieval French epic, heroic, and romantic tales including Marie de France's *Lais*, Chretien de Troyes' *Lancelot*, and the *Song of Roland* (all in translation), as well as descriptions of the period. Students will gain insight into what these works reflect about medieval beliefs on the topics of magic and the power of God.

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

FS 182 - The Social Construction of Humanness

This course will introduce students to the questions: What makes us human? To what extent do variations in characteristics (e.g., sex, gender, dis/ability, stature, body morphology, and race) impact our perceptions of humanness? To what extent is being human biologically determined, socially constructed, or an emergent property of both? Have notions of what it means to be human been fixed or have they varied throughout history?

Credits: 4

Prerequisites/Restrictions: First-Year Students Only

Core: First-Year Seminar

GL 255 - South Africa: Apartheid – Resistance, Revolution and Representation

This course analyses the ways in which media was used to promote, maintain and then dismantle apartheid in South Africa. What role did media play in influencing people's views of the systemic injustices and how was media utilized in the fight against apartheid? How does media shape post-apartheid South Africa?

Credits: 4

Core: Engaging Diverse Identities

GL 270 - Senegalese Culture

This course will give you a solid introduction to West African culture through the study of Senegal in an interdisciplinary approach (history, religious and film studies, literature, sociology, linguistics.) in order to get a good understanding of what Senegalese society is like today.

Credits: 2

Core: Students must also complete GL-271 or FR-271 to earn CORE credit.

Crosslisted: FR-270

GL 271 - Service and Culture in Senegal

You will spend two weeks in Senegal and learn about Senegalese culture through an interdisciplinary approach and by having excursions and visits, lectures by guest speakers, service and hands on activities, interactions with the locals, and class discussions.

Credits: 2

Prerequisites/Restrictions: GL-270 or FR-270

Core: History & Society AND Engaging Diverse Identities

Crosslisted: FR-271

GL 340 - Preparation for International Service

Students prepare for travel to an international location by learning about the history, economics, politics, culture, and society of that location, and by carefully exploring the challenges of engaging in service work in developing countries. This course provides an opportunity for team-building, logistical preparation, and intellectual grounding in philosophical ethical theory, as applied to international service. The course is restricted to students planning to enroll in GL 341 "A Study in Service: Guyana" or another international service experience.

Credits: 2

GL 341 - A Study in Solidarity: Guyana

Students travel to an international location for two weeks (Guyana, if political conditions allow) and engage in service-learning, working with individuals facing marginalization based on race, poverty, age, and illness. Daily writing and group discussion will consider global social, political, and economic marginalization and Emmanuel Levinas' theory of infinite responsibility.

Credits: 2

Prerequisites/Restrictions: PH 351

GL 355 - South Africa: Resistance, Revolution, & Representation Study Trip

This course analyses the ways in which media was used to promote, maintain and then dismantle apartheid in South Africa. What role did media play in influencing people's views of the systemic injustices and how was media utilized in the fight against apartheid? How does media shape post-apartheid South Africa?

Credits: 2

Prerequisites/Restrictions: GL-255 or DMC-255

GS 101 - Gender Studies: Foundations

This course introduces students to the history, theories, methodologies, vocabulary, and classic readings in gender studies, usually with concentration on one theme such as health, labor, or suffrage. The course materials have broad applicability to other courses and will provide a useful foundation for students who plan to major or minor in Gender and Sexuality Studies.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

GS 203 - Gender Issues in Society

Explores the significance and intelligibility of gender by examining, from an interdisciplinary and global perspective, how gender differentiation is experienced, understood, expressed, valued, and lived out in cultures.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

Notes: Fulfills Written Communication requirement for the Gender and Sexuality Studies major.

GS 204 - Men & Masculinities

Explore the myriad definitions, pre-conceived notions, constructions and consequences of both our subjective and objective "experiences" of the two vastly misunderstood terms - men AND masculinities. Global, national and local interpretations of these terms will be explored through the use of texts, discussions, lectures, videos and guest speakers.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

GS 208 - Topics in Gender Studies

This topics course may change from year to year as professors offer introductory level courses on a topic related to the study of gender. These courses are designed to include all undergraduates, not just Gender & Sexuality Studies minors, who are interested in the particular special topic relating to gender offered that year.

Credits: 4

Core: Engaging Diverse Identities

Notes: May be repeatable as long as the topic is different.

GS 308 - Advanced Topics in Gender Studies

This advanced topics course may change from year to year as professors offer advanced level, theoretical courses that reflect current work in the discipline of Gender and Sexuality Studies. A current special topic course is, for example, Feminist Theory and the Body. A past course was Sex and Sexuality from a Gender Perspective. These courses are designed to help Gender and Sexuality Studies minors do advanced reading and work in the field.

Credits: 4

Core: Engaging Diverse Identities

Notes: May be repeatable as long as the topic is different.

GS 410 - Senior Capstone

Each student designs a senior project by working with the director of the program and a Gender and Sexuality Studies advisor. It must include a research thesis or project and an internship or community-based learning component linking theory and praxis. Students will give a presentation of their work at a symposium in the Women's Center at year's end.

Credits: 4

Prerequisites/Restrictions: Permission of Instructor Only.

GS 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

GS 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

HI 101 - U.S. History to 1865

This course presents an overview early American history, from the sixteenth century to the end of the American Civil War, including the colonial era, the American Revolution, Jacksonian Democracy, slavery, expansionism, and other diverse themes. The course examines trends in American social relations, economics, politics and culture, and explores the lives of ordinary people as well national leaders. By learning how past generations lived and acted, students will deepen their own perspectives on contemporary America.

Credits: 4

Core: History & Society

Notes: No credit given for HI-101 if credit has been given for AP U.S. History.

HI 103 - U.S. History since 1865

A survey of American history from the end of the Civil War to the present.

Credits: 4

Core: History & Society

Notes: No credit given for HI-103 if credit has been given for AP U.S. History.

HI 105 - Early Modern Europe

A survey of the social, economic, political, intellectual, and cultural history of Europe from the end of the Hundred Years' War in the fifteenth century to the eve of the French Revolution in the eighteenth century.

Credits: 4

Core: History & Society AND Catholic Intellectual Traditions

HI 107 - Modern Europe

This course is a survey of political, economic, social and cultural forces that have changed the course of European and western civilization since the French Revolution. This course will investigate the people and events that shaped European landscapes, boundaries, and economics, as well as the European mindset over the period.

Credits: 4

Core: History & Society

HI 108 - Medieval World

An interdisciplinary survey of significant developments in the history of Europe, Islam, and Byzantium from the fifth through the fifteenth century (from the collapse of the Roman Empire through the Hundred Years War and the rise of the Ottoman Empire).

Credits: 4

Core: History & Society AND Catholic Intellectual Traditions

HI 113 - History of Rome

The goal of this course is to survey the richness and complexity of all of Roman history. The major focus will be to consider the Roman Empire from the settlement of Augustus in the first century B.C. to the fall of the Western half of the Empire in the fifth century A.D.

Credits: 4

Core: History & Society

HI 121 - The Modern Middle East: An Introduction

A survey of the history of the Middle East, from the rise of Islam in the seventh century to the twentieth century, with particular emphasis on the nineteenth and twentieth centuries.

Credits: 4

Core: History & Society

HI 143 - Modern East Asia

A survey of the global and interconnected histories of China, Taiwan, Japan, and Korea from the eighteenth century to the present. We will examine the cultural foundations and common linguistic, religious, philosophical, and political roots of contemporary East Asia. In doing so, we will encounter socioeconomic and ideological disruptions, imperialism, the specter of nationalism, and the ways history itself has been a tool used to shape the region.

Credits: 4

Core: History & Society

HI 161 - Early Latin America

A survey of Latin American history from the emergence of pre-Columbian societies to independence, with an emphasis on the effects of "empire" on pre-Columbian and Latin American societies and on Indian-European relations after 1492.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

HI 163 - Modern Latin America

A survey of Latin America since 1810, with emphasis on state-making and national consolidation in the nineteenth century, its impact on society, culture and economics, and the origins and course of major revolutionary and reform movements of the twentieth century.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

HI 171 - African Europeans, Antiquity to Present

This thematic survey presents a history of African-European encounters and experiences from antiquity to present. Disrupting notions of racial exclusivity and separateness, this course seeks to consider the exchanges between Africa and Europe since antiquity and reimagine the history of Europe through the experiences of Africans and African Europeans.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

HI 175 - World History I: Beginnings to 1500

A survey providing a global perspective of the history of human cultures and institutions from earliest times to 1500 CE, focusing on Europe, Asia, and Africa.

Credits: 4

Core: History & Society

HI 177 - World History II: 1450 to Present

A survey providing a global perspective of the history of human cultures and institutions from 1450 CE to present, focusing on Europe, Latin America, Asia, and Africa.

Credits: 4

Core: History & Society

HI 180 - African American History

The content of the course spans the history of African-Americans in America from colonial times to the present day. Its aim is to write into the historical discourse of all Americans the contributions and experiences of African-Americans which have shaped, and continue to shape, this country.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

HI 215 - Women in American Society

An introductory course for students to explore the major themes and experiences of American women from the colonial period to the present.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

HI 216 - Native Peoples of North America

A survey of indigenous people of North America from 1400 to the present day, with emphasis on cultural diversity among native groups, the impact of colonization, rebirth of social and cultural identity/ political sovereignty in the twentieth century, and present day issues.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

HI 222 - Topics in American History

A topical survey of issues or institutions in American history from prehistory to the modern period. Topics may include (but are not limited to): gender and power in colonial America, constitutional history, slavery on film, the Civil War, or the Civil Rights Movement.

Credits: Variable

Core: History & Society

Notes: May be repeatable as long as topic is different.

HI 297 - Topics in European History

A topical survey of issues or institutions in European history from early medieval to the modern period. Topics may include (but are not limited to): gender and power in medieval societies, British monarchy, revolutions, the European Union or race and racism in European societies.

Credits: Variable

Core: History & Society

Notes: May be repeatable if topic is different.

HI 330 - The Age of the American Revolution, 1763-1815

This course explores the American Revolution from its colonial foundations through the War of 1812. In the context of economic, social, political, and cultural influences, this course will examine the concepts of revolution, liberty, independence, republicanism, and nationalism. It will also examine how race, class, and gender affected or were affected by revolutionary ideology.

Credits: 4

Core: History & Society

HI 341 - Advanced Topics in East Asian History

Critical inquiry of social and political issues in the history of China or Japan.

Credits: 4

Core: History & Society

Notes: May be repeatable as long as the topic is different.

HI 343 - Advanced Topics in Medieval History

A topical examination of a selected historical problem or issue in medieval European history from 300 to 1500. Possible topics may include women and gender, medieval heresy and dissent, or the medieval economy.

Credits: 4

Core: History & Society

Notes: May be repeatable as long as the topic is different.

HI 345 - The Black Death

An interdisciplinary study of disease in Europe before, during, and after the outbreak of the plague pandemic in the mid-fourteenth century. Among the topics examined are the causes and spread of the contagion throughout Europe and Asia in the fourteenth century, the outbreak of peasant revolts, the effect of the plague on painting and literature, and the role of disease in history.

Credits: 4

Core: History & Society

HI 351 - Advanced Topics History of Race and Ethnicity (EDI)

The examination of historical topics exploring the issues of Race and Ethnicity from a local and/or global perspective. Topics may include histories of BIPOC communities, civil rights and resistance movements, history of Race and Ethnicity in US or abroad. Topics will vary depending on the interests of the faculty.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

Notes: May be repeatable as long as the topic is different.

HI 352 - The Edmundites and Black Civil Rights

This course examines the history of civil rights and social justice work of the Edmundite Priests by tracing their migration from France to Canada to Vermont to Selma, Alabama. This course will use the SMC Archive and other sources to guide students toward an understanding of the Catholic faith, traditions, and Edmundite mission.

Credits: 4

Core: Engaging Diverse Identities AND Catholic Intellectual Traditions

HI 353 - Presidential Elections

A seminar that views US history through the lens of presidencies and presidential elections. It explores a number of topics related to running for and serving as president, including the evolution of campaign styles, the rise and decline of parties; the spread of democracy; the effect of questions about character, personality, peace, and the economy; the growth of television, the airplane, and the internet; and the role of the mass media.

Credits: 4

Core: History & Society

HI 357 - Advanced Topics in Global History

A topical examination of issues in global, non-western history, ranging from ancient history to the present and cover regions such as Africa, India, and the Middle East. Topics can include explorations of gender, class and/or race in these regions or social, cultural, or political histories of particular countries or regions.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

Notes: May be repeatable as long as the topic is different.

HI 363 - Race, Class, and Gender in the Atlantic World

Historical and contemporary study of gender, class, and racial/ethnic relations as distinct, but linked dimensions of social inequality in multiple Atlantic World communities. Intersections of these identities contributed to both diversity and discord. Examines historic underpinnings of discrimination by race, class, gender and explores the present status of these issues.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

HI 365 - Public History

Public history is a broad category that refers to the study and presentation of history to a non-academic public. Public historians work in a variety of areas including, but not limited to, libraries, museums, historic sites, historic houses, for federal and state governments, and corporations. This course explores the broad scope of public history, the value of public history, and provides a basis for a career path that explores history outside of the traditional classroom.

Credits: 4

Core: History & Society

When Offered: Spring

HI 367 - Advanced Topics in Public History

A topical examination of issues and/or methods in Public History. Topics may include (but are not limited to) Oral History, Historic Preservation, Research Methods, Paleography, Museums, Historic Houses, Commemorations and memorials, archives and libraries.

Credits: 4

Prerequisites/Restrictions: At least Sophomore standing required.

Core: History & Society

Notes: Elective for History Majors, History Minors, and Public History Minors

HI 374 - Witches, Indians, and Swashbucklers: the remaking of the New World, 1607-1763

This course will explore the political, social, economic and intellectual life of the American colonial period. Topics may include, but not be limited to, Puritanism, Indian-white relations, slavery, western expansion, and religious movements.

Credits: 4

Core: History & Society

HI 393 - Understanding the Past: Topics

History is not a collection of facts and dates, but rather a thoughtful and rigorous examination of the past through evidence. Historians employ many different methods and theories to make sense of the past, and debates arise as new evidence comes to light. In this course, we will examine the major historical questions and debates surrounding the topic listed in the course title.

Credits: 4

Prerequisites/Restrictions: One HI Course

HI 394 - Britain's 19th Century

Using gender and class as organizing concepts, this course focuses on the social history of the British people during the Nineteenth Century. Explores the pivotal moments and debates of the era, including the Industrial Revolution, Empire, responses to poverty and welfare, as well as the everyday experience of being British.

Credits: 4

Core: History & Society

HI 395 - Crime & Society in Victorian Britain

This seminar explores the rise of modern policing and considers the impact of gender, class, sexuality and race on definitions of crime and the treatment of offenders at home and in the Empire. It will also examine popular representations of crime, policing, trial and punishment in Victorian society.

Credits: 4

Core: History & Society

HI 397 - Advanced Topics in Modern European History

A topical examination of issues in modern European history from the French Revolution to the present. Topics may include (but are not limited to) the French Revolution, gender issues in European history, poverty and welfare in European history, World War I, or Europe since 1945.

Credits: 4

Core: History & Society

Notes: May be repeatable as long as the topic is different.

HI 410 - Senior Seminar

This course requires students to prepare a senior thesis in a selected area of history under the close supervision of a faculty member in the Department of History. All students will also be members of a seminar that will assist them to complete their theses.

Credits: 4

Prerequisites/Restrictions: History Majors Only; Seniors Only.

Notes: Fulfills intensive writing requirement for History majors.

HI 414 - African Slavery in the Atlantic World

An examination of the intricacies of the Atlantic slave trade from the arrival of the first slaves in Santo Domingo until 1888 and the final abolition of slavery in the Western Hemisphere.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

HI 422 - Advanced Topics in American History

The examination of a particular topic in American history. Topics will vary but may include higher education, the Cold War, the Civil Rights movement, and Vermont.

Credits: 4

Core: History & Society

Notes: May be repeatable as long as the topic is different.

HI 425 - Europe During the Second World War

A social, cultural, and political study of the Second World War in Europe. Focusing primarily on Germany, France, Britain, and the Soviet Union, this course will consider the origins of the conflict, the experience of war and reconstruction in Europe, and the war's global impact on the rest of the 20th century.

Credits: 4

Core: History & Society

HI 457 - Advanced Topics in Ancient History

A topical examination of a selected historical problem or issue in ancient history. Possible topics include Ancient Greece, the Age of Alexander, Roman Republic, Roman Empire or the Fall of Rome., but could include non-western regions such as Asia.

Credits: 4

Core: History & Society

Notes: May be repeatable as long as the topic is different.

HI 461 - Society and Culture in Medieval Italy

An exploration of the relationship between culture (literature, law, philosophy, and the visual arts) and society (politics, economy) in medieval Italy before, during, and after the age of the communes (with particular attention to the achievements of Dante, Giotto, and Boccaccio).

Credits: 4

Core: History & Society

HI 465 - Advanced Topics in Modern Latin American History

A topical examination of issues such as the Cuban and Nicaraguan revolutions, military dictatorship in Chile and Argentina, Hispanic immigration to the United States, slavery, and the human condition in Latin America today.

Credits: 4

Core: History & Society

Notes: May be repeatable as long as the topic is different.

HI 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Minimum 3.0 Cumulative GPA; Permission of Instructor.

HI 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

HO 301 - Honors Colloquium

A multidisciplinary seminar designed to engage Honors Program students in readings and discussion with peers, some based on arts and academic events offered in the greater Burlington area.

Credits: 2

Prerequisites/Restrictions: Honors Program Students Only; Juniors and Seniors Only.

Notes: This course is required of all students enrolled in the Honors Program.

HO 401 - Honors Capstone

Add-on for Honors students taking a program capstone intended to fulfill the Honors capstone requirement.

Credits: 1

Prerequisites/Restrictions: Honors Program Students Only; Seniors Only

Notes: This course is required of all students enrolled in the Honors Program.

HS 160 - Emergency Medical Technician

Emergency Medical Technicians (EMTs) provide most pre-hospital emergency medical care. This course is designed to provide students with the skills necessary to provide emergency medical care at a basic life support level and prepare them for certification by the National Registry of EMTs.

Credits: 4

When Offered: Fall & Spring

HS 260 - Advanced Emergency Medical Technician

Follows the national EMS Scope of Practice Model to expand the Emergency Medical Technician's knowledge and skills in preparation for licensure as an Advanced Emergency Medical Technician. Includes advanced assessment, airway/ventilation skills, establishing vascular access, and medication administration.

Credits: 4

Prerequisites/Restrictions: HS-160 and Permission of Instructor (and licensed Vermont EMT affiliated with Vermont EMS agency licensed at ALS level)

Fee: Yes

HS 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Minimum 3.0 Cumulative GPA; Permission of Instructor.

HS 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

HU 101 - Ancient and Medieval Civilization

A chronological and interdisciplinary study of significant texts from Antiquity and the Middle Ages, primarily in the Western tradition but not excluding the non-Western. Readings may include Virgil's Aeneid, Saint Augustine's Confessions, the Rule of Saint Benedict, the Lays of Marie de France, an Arthurian romance, and Dante's Inferno.

Credits: 4

Core: (History & Society or Literature & The Arts) AND Catholic Intellectual Traditions

HU 102 - The Modernizing World

This survey course will examine works of literature, philosophy and religion as responses to events of the 16th through 20th centuries. Students will consider texts through the lens of how societies and individuals of differing identities came into contact and conflict from the Age of Discovery through the immediate postcolonial era. There are no prerequisites for this class.

Credits: 4

Core: History & Society or Literature & The Arts

HU 207 - The Nineteenth Century

The Nineteenth Century is an interdisciplinary study of the main intellectual and literary currents in nineteenth century thought. Readings include Darwin, Marx, and Nietzsche as well as representative English, French and Russian novels.

Credits: 4

Core: History & Society or Literature & The Arts

HU 209 - The Twentieth Century

A cross-cultural, interdisciplinary course that draws on a wide variety of artistic manifestations in literature, art, music, and cinema.

Credits: 4

Core: History & Society or Literature & The Arts

HU 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Minimum 3.0 Cumulative GPA; Permission of Instructor.

HU 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

ID 100 - Pop-Up Topics Course

The purpose of a pop-up course is to create an opportunity for a short-term learning experience in response to a current, unfolding event or an identified need or interest that isn't being accommodated in the traditional curriculum.

Credits: 1

Notes: May be repeatable as long as the topic is different.

ID 101 - Introduction to Purposeful Learning

This one credit course is designed to support new students in their transition to college. Students will be introduced to campus systems and resources and develop skills to allow for success both in and out of the classroom. Through presentations and small group discussions, students will begin to take personal responsibility for their learning and better understand what it means to be an engaged member of the Saint Michael's community.

Credits: 1

Prerequisites/Restrictions: First-Year Students Only

When Offered: Fall

ID 150 - Be Well

The Be Well course is created around the 21 Day WELL Challenge. It is designed to help you expand your understanding of NWI's Six Dimensions of Wellness through a multicultural lens. Students will be able to apply skills and strategies learned to create a balanced lifestyle of wellness.

Credits: 1

ID 200 - Leadership: Professional Practice in a Global Workplace

This course introduces learners to the foundational theory and fundamental practices contributing to success as a leader and manager. Learners will explore how equity and inclusion, teamwork, communication and conflict resolution, self-awareness and development, integrity, critical thinking, reflective practice, professionalism, and other core competencies shape leaders and position them as change agents in a global workplace.

Credits: 2

ID 220 - Peer Tutoring Practicum

The Peer Tutoring Practicum is a 2-credit hybrid course that enhances a tutor's skills. Student tutors are expected to work concurrently as peer tutors while taking this course. Course topics include: tutoring techniques, learning theory, learning styles, handling difficult situations, setting goals, active listening and paraphrasing, using probing questions, study skills, metacognition, and strategies for tutoring ELL students and students with learning differences. This will be taught as a hybrid course, with some of the content offered online.

Credits: 2

Prerequisites/Restrictions: Permission of Instructor Required (Contact instructor 2 weeks prior to registration)

ID 300 - Professional Endorsement Portfolio Course

This course provides learners with the opportunity to engage in focused professional practicum, reflective practice, and the development of a professional portfolio. This course is required for the completion of an Undergraduate Professional Endorsement.

Credits: 2

Prerequisites/Restrictions: Permission of Instructor Only

ID 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal

page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

ID 498 - Internship Practicum

This course offers opportunities for supervised work experience. Interns focus on integrating theory and practice while developing skills required for success in a business environment. This course is designed for a student's first internship experience.

Students must have an internship in place by the second week of the semester. They can contact the instructor for guidelines, or the Career Education Office by making an appointment in Handshake.

Credits: 4

Prerequisites/Restrictions: 2.0 GPA or higher; Sophomores, Juniors and Seniors only.

Not open to student who've already completed an academic internship, ID-498. Students who have completed or are currently enrolled in ID-498 should meet with a Career Coach to learn alternatives to receive credit for an additional internship.

Notes: Make an appointment with a Career Coach via Handshake for help securing an internship and to have it approved for academic credit.

Completed Handshake forms required after meeting with a Career Coach.

ID 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable

JS 300 - Media, Technology, Health & Happiness

In this junior seminar, interdisciplinary approaches are used to explore the rapid and far-reaching influences which new digital media systems and new technological networks are having on humans' mental and physical health in the 21st century.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Media Studies, Public Health (BS)

JS 301 - Land, Sea, Sky

This course highlights cultural works dedicated to land, sea, and sky, in a seminar format. Internationally prominent creators have used Chile's striking geography to explore topics -- and tensions -- of multidimensional interest. Shorter readings give students access to introductory historical, social, and political contexts for use in projects. The course is taught in English translation; however, students with Spanish competence are encouraged to draw on it for some assignments.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: American Studies (Americas, or Race and Ethnicity sequences), Equity Studies, Global Health, History and International Relations.

JS 302 - The Art of Living, Aging, & Dying

This course offers an interdisciplinary exploration of aging, using Western theory and Buddhist theory. How do our societal and personal beliefs/values regarding age & aging impact our sense of self? Do we have a responsibility to address the way people in their older years are treated in our society? This course includes a semester-long Community-Engaged Learning project with St. Joseph's Residential Care Home, an assisted-living facility for seniors in Burlington.

Credits: 4

Prerequisites/Restrictions: PH-103 or Permission of Instructor; Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Equity Studies, Philosophy

JS 303 - A Nation Inside and Out

In this seminar, we will use a general introduction to Cuba as a backdrop for student explorations of cultural themes, works, and makers. In the United States, Cuba tends to be represented in clashing images of a tourist pleasure mecca and/or a mysterious political universe where time has come to a stop. Becoming informed about Cuba's complex culture and history makes it possible to develop more thoughtful, useful commentaries.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: American Studies (Americas, or Race and Ethnicity sequences), Equity Studies, Global Studies, Global Health, History and International Relations.

This course is not open to students who have taken AM-229.

JS 304 - Data Visualization

Techniques for creating effective visualizations of data based on principles from design, psychology, and statistics. Topics include basic and descriptive statistics; statistical graphics and information graphics (or infovis) for univariate and multivariate data; exploratory data analysis; visualization software; graphical perception; color; high-dimensional data; and cartography and spatial data.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Statistics, Data Science, Public Health

JS 305 - The Politics of Queer Cinema

This course examines queer politics as radical and intersectional through key films over the course of 100 years that are critical of their societies. More than lesbian and/or gay, queer is an understanding of sexuality and gender identity that seeks to disrupt structures that enforce race, gender, sexual, and class differences. In film, this might be done through stories normalizing queer love, fantasizing a radical equality, dismantling normalcy, or celebrating violence and disruption.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar AND Engaging Diverse Identities

Notes: Counts as Major/Minor Elective in: Equity Studies, Gender & Sexuality Studies, International Relations, Political Science

JS 307 - Rhetorics of Craft

This course explores the politics and rhetorics of craft in an industrial and post-industrial age. By what means and methods does craft intervene in contemporary discourse? A central goal of our inquiry will be to map the radical potential of aesthetics in the service of revolt, remediation, attention, and identity formation, especially when practiced and received by otherwise underrepresented or overlooked individuals and groups. This course is interdisciplinary in approach and active in its method.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: American Studies, Gender & Sexuality Studies, English

JS 308 - Ethics, Science and Technology

This seminar will investigate the impact of science and technology on our society. The ethical challenges that come with many technological innovations such as biotechnology and genetic engineering, artificial intelligence, surveillance and security, social media as well as the production of energy may be addressed.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: N/A

JS 310 - A Case for Reparations?

This course will analyze, explore, discuss, and debate the broad topic of reparations from a variety of interdisciplinary perspectives (historical, sociological, economic, political, etc.). Should the United States make reparations for slavery, Jim Crow segregation, and subsequent racist policies and practices? Why or why not? What domestic and international precedents exist? What factors should be considered? If reparations were to be made, what form might they or should they take?

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar AND Engaging Diverse Identities

Notes: Counts as Major/Minor Elective in: Equity Studies

JS 311 - 21st Century Broadway Musical

This Seminar examines recent Broadway musicals that address disturbing or offensive topics, violate norms of theatrical representation, or expand the topical range of musical theater. We examine the interaction between complex social issues and popular commercial entertainment. To what extent should theater break taboos or offend? How can music, song, and staging change the way cultural messages and even activism are delivered and received?

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Music

JS 312 - Voices of Resistance

Raised against demands to submit and be silent, voices of resistance are those who refuse to yield to oppression and who endeavor to put an end to injustices such as slavery, colonialism, racism, and other forms of domination, exploitation, or marginalization. Unwelcome by those who would prefer to ignore or stifle them beneath incomplete or biased information, artists, intellectuals, and activists, denounce ignorance and inequity while promoting understanding and liberation.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: French, International Relations, Global Studies

This course is not open to students who have taken FR-297.

JS 313 - Wisdoms of the East

The seminar focuses on two philosophical traditions of the East: Vedanta (India) and Taoism (China). Questions raised include: Does a shared experience underlie cultural difference? If so, can it be identified? What can be identified? What cannot? What do Vedanta and Taoism teach regarding identity and difference?

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Philosophy

JS 314 - Radical Love, Liberation, & Justice

What does it mean to radically love yourself, with compassion? How can we find radical freedom/liberation for ourselves? How might we radically love others, and create freedom and equity in the midst of suffering? This course explores mindfulness and engaged Buddhism, investigating the power of these practices for personal and social/collective liberation and transformation. We will examine impacts on justice/equity work, and students can explore connections to mental health, sports, business, education, health/medicine, environment, etc.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Equity Studies, Philosophy

JS 315 - Project Censored: Fake News and Real Journalism in the Digital World

This junior seminar is a hands-on research-based interdisciplinary course working with the annual Project Censored "Validated Independent News" initiative network of colleges and universities across North America. Weekly, students read and reflect on cutting edge scholarly works on news, journalism and censorship in the Digital Age, including Shoshana Zuboff's AGE OF SURVEILLANCE CAPITALISM, and conduct independent research on current news

stories of social import.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: N/A

JS 316 - Medicine, Environment, and the Body

What is a body? How does it interface with the world? And what happens when that body-or the world around it-is suffering? In this course, we examine what healers, doctors, activists and scholars of medicine say about the relationship between, and politics of, human bodies and natural environments.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Public Health (BS)

JS 317 - America on Film: Race, Class, Gender, and Sexuality at the Movies

Using Benshoff and Griffin's 'America on Film: Representing Race, Class, Gender and Sexuality at the Movies' (3rd edition) as the course template, this junior seminar will examine the politics of representation in movies, i.e., how Hollywood depicts gender issues, social class and race relations, Latin/x, African- and Asian-Americans, ability/disability, etc.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar AND Engaging Diverse Identities

JS 318 - CAN Research and Action Practicum

This is a hands-on, practical course using the Community Health Action Network (CAN+) as a vehicle to combine information about community and public health challenges with opportunities and skills developments to address these challenges. This course will also involve significant research, writing, and seeking to understand multiple, often competing perspectives, of various actors concerned about community health. Much of the course will be conducted within Working Groups, which will implement community-engaged projects during the semester.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Public Health

When Offered: Fall

JS 319 - Troubled Democracy

Populism, polarization, nationalism, gridlock...from Brazil to India, the Philippines to Turkey and Europe to America, democracy is in the doldrums. Are these passing troubles or is democracy in long-term decay? This course explores the full range of challenges besetting democracies and asks if there is light at the end of the tunnel.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Political Science and International Relations.

This course is not open to students who have taken PO-320: Topics - Troubled Democracy.

JS 320 - Race/ Gender/ Sexuality/ Plays

This course examines plays to demonstrate that Theatre is a potent means to discuss race, gender, and sexuality, often in ways that overlap or intersect. We study works by authors from non-dominant groups and consider power dynamics and inequities, as well as our own identities and positions.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar AND Engaging Diverse Identities

JS 321 - Maple: Food, Energy, Culture

Maples are central to Vermont's culture and economy and host more than 280 moth and butterfly species forming the base of the food web. Vermont's \$50 million maple syrup industry has out-produced every other state since 1926. This course will explore the literature, science, and economics of the iconic maple.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Environmental Studies & Environmental Science

JS 322 - The Arts & Disability

This Junior Seminar focuses on musicians and visual artists as well as those in dance, film, and other types of creative expression whose work is at the intersection of artistic endeavor and disability, often innovatively so. The course will unpack terminology and frameworks; look at how various cultures through time have historically addressed and depicted disability in the arts; and consider how artists today are at the vanguard of societal change in our understanding and acceptance of disability.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar AND Engaging Diverse Identities

Notes: Counts as Major/Minor Elective in: Equity Studies

JS 325 - Economics of Health Care

Study of economic aspects of health care, weighing cost, quality and access. Topics include theory and evidence on access problems; the applicability of competition models to health care; the efficacy of health care in improving health; causes for high costs and wasted care; an international comparison of health care systems; and an exploration of the effects of Affordable Care Act.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: Economics, Public Health

JS 350 - Special Topics

This course offers students an experience in exploring and discussing an issue or topic that impacts human and/or planetary well-being. Topics will vary depending on the interests of the faculty.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar

Notes: Counts as Major/Minor Elective in: N/A

JS 351 - Special Topics (EDI)

This course offers students an experience in exploring and discussing an issue or topic that impacts human and/or planetary well-being, with a focus on communities distinct from the majority culture of the College and the structural inequities that impact people's lives. Topics will vary depending on the interests of the faculty.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar AND Engaging Diverse Identities

Notes: Counts as Major/Minor Elective in: Equity Studies

JS 352 - Special Topics (CIT)

This course offers students an experience in exploring and discussing an issue or topic that impacts human and/or planetary well-being, with a focus on critical understanding of and appreciation for the search for truth in light of the Catholic faith. Topics will vary depending on the interests of the faculty.

Credits: 4

Prerequisites/Restrictions: Juniors Only

Core: Junior Seminar AND Catholic Intellectual Traditions

Notes: Counts as Major/Minor Elective in: N/A

LA 101 - Elementary Latin 1

A thorough introduction, at an accelerated pace, to the basic forms, vocabulary and syntax of classical Latin. Readings from a variety of authors and periods of Latin literature.

Credits: 4

Core: Second Language for B.A.

LA 102 - Elementary Latin 2

Continued intensive study of the basic structure and idioms of the Latin language. Aims to develop and hone skills in reading, translation, composition and conversation.

Credits: 4

Prerequisites/Restrictions: LA 101 or Placement

Core: Second Language for B.A.

LA 310 - Directed Readings in Latin Literature

Examines the writings of a particular author, genre, or period. Students will translate, parse words, interpret passages, examine the style of a prose author and the metrics and diction of a poet, and consider the literary, philological, and historical background of a given author. Students write interpretive and analytical essays as well as translate from sight.

Credits: 4

Prerequisites/Restrictions: LA 102 or Placement

Core: Literature & The Arts

Notes: May be repeatable as long as the topic is different.

LA 410 - Senior Seminar in Latin

A reading and writing program that draws together each student's work in Latin. Students will take two major sight examinations and weekly sight quizzes, and will write a short explication du texte: a short interpretive exercise involving commentary on linguistic, rhetorical, and literary features of a passage or short text.

Credits: 4

Prerequisites/Restrictions: LA 101 and LA 102; Latin Majors Only: Juniors and Seniors only.

Notes: Students are advised to take several versions of Directed Readings in Latin Literature before taking the seminar.

LA 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

LA 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

LS 101 - Research Skills and Strategies

Students will investigate and critically examine the dynamic constellation of library and information resources, including the Internet, online databases, and print resources. Focus is on developing efficient search strategies, evaluating information sources, documenting sources, and effectively using new technologies. It will provide a foundation and methodology for students planning to write senior theses, honors papers, capstone projects, or foresee graduate studies in their future.

Credits: 2

Prerequisites/Restrictions: Restricted to first year, sophomores, and juniors. Seniors require permission of the instructor.

LS 202 - Introduction to Archives

An introduction to archival work through hands on exploration of a variety of primary source materials. Students will enhance their understanding of the historical method by exploring theories and methodologies for managing and disseminating primary resources, while incorporating primary resources into their own research.

Credits: 2

MA 102 - Math for College Success

Math for College Success is a 2-credit preparatory course to review and strengthen fundamental mathematics skills that are used in many college courses. This course will prepare students for success in subsequent courses by developing their quantitative reasoning and using it to solve applied problems. This is a Pass/Fail course that does not fulfill the quantitative reasoning CORE requirement.

Credits: 2

Prerequisites/Restrictions: This course should NOT be taken by students for credit who have completed MA 130 or higher or ST 120 or higher.

When Offered: Spring

MA 104 - Pre-Calculus

An individually customized review of: logarithms, exponentials, functions, graphing, polynomial and rational functions, conic sections, trigonometric functions and identities. An introduction to limits, continuity and derivatives.

Credits: 4

Prerequisites/Restrictions: Open by permission of instructor only to students who will enroll or are enrolled in MA 130 or MA 150.

MA 105 - Pre-Calculus

An individually customized review and reinforcement of limits, continuity and an introduction to derivatives, with selected pre-calculus topics.

Credits: 2

Prerequisites/Restrictions: Open by permission of instructor only to students who will enroll or are enrolled in MA 130 or MA 150.

MA 112 - Mathematics in Context

An introduction to concepts of modern mathematics with applications in real-world contexts. Topics may include the mathematics of personal finance, mathematics of elections, graph theory, Fibonacci numbers, risk analysis, probability, logic, and game theory.

Credits: 4

Prerequisites/Restrictions: This course is not open to DS/MA/ST majors.

Core: Quantitative Reasoning

Notes: No credit given for MA-112 if credit given for MA-110.

MA 115 - Mathematics for Teachers

This course is designed for education majors to develop both a deep conceptual understanding of pre-K-8+ mathematics along with the mathematical knowledge necessary to teach these topics. Topics include: whole number operations, place value, fractions, integers, decimals, ratios, proportions, inverse variation, percents (including percent increase and decrease), and estimation.

Credits: 4

Prerequisites/Restrictions: ED Major/Licensure Students Only

Core: Quantitative Reasoning

MA 130 - Elements of Calculus

A one-semester survey of calculus. Topics include limits, derivatives and the integral, with emphasis on applications in the life sciences and finance. Note that the prerequisite for MA-160 is MA-150, so additional preparation (e.g. formal limits and more in-depth trigonometry) is strongly recommended for MA-130 students who subsequently decide to petition into MA-160.

Credits: 4

Prerequisites/Restrictions: At least high school algebra and trigonometry; preferably pre-calculus. Students are required to complete the Calculus Placement Test (<https://www.smcvt.edu/calculus-placement-test/>) and review their results before registering for this course.

Core: Quantitative Reasoning

Notes: Credit will not be given for MA-130 if credit has already been received for MA-150, MA-160 or MA-211.

MA 150 - Calculus I

Limits and continuity; exponential and trigonometric functions; the derivative and applications; Riemann sums, the integral, and applications. The applications, motivation, and context for the mathematics will come from the life sciences, physical sciences, and finance.

Credits: 4

Prerequisites/Restrictions: Appropriate high school preparation, with at least pre-calculus. Students are required to complete the Calculus Placement Test (<https://www.smcvt.edu/calculus-placement-test/>) and review their results before registering for this course.

Core: Quantitative Reasoning

Notes: No credit will be granted for MA-150 if credit has been earned for MA-160 or MA-211.

MA 160 - Calculus II

Integration techniques and applications; sequences and series; plane analytic geometry including parametric curves; polar coordinates; space geometry including an introduction to vectors.

Credits: 4

Prerequisites/Restrictions: MA 150; Minimum grade C-

Core: Quantitative Reasoning

Notes: No credit will be granted for MA-160 if credit has been earned for MA-211.

MA 207 - Discrete Mathematics

Propositional logic; sets, functions, relations; elementary combinatorics; techniques of mathematical proof, including induction; recurrence and recurrence relations. Emphasis on connections to computing.

Credits: 4

Prerequisites/Restrictions: MA-150 or MA-160 or MA-211 or Permission of Instructor.

Notes: No credit will be given for MA-207 if credit has been given for MA-240.

MA 208 - Theory of Computation

Primitive recursion and recursive functions; Turing machines; weaker computational models, including finite state machines and pushdown automata; regular expressions and Kleene's theorem; nondeterminism; Halting Problem and Rice's Theorem; NP completeness. Emphasis on conceptual overview of the role the topics play in computing.

Credits: 4

Prerequisites/Restrictions: MA 160 or above; (Previous or Concurrent Enrollment in MA 207 or MA 240 recommended)

MA 211 - Calculus III

Vector-valued functions; partial differentiation; multiple integrals and applications, line integrals; Green's Theorem and other vector calculus results.

Credits: 4

Prerequisites/Restrictions: MA 160; Minimum grade C-

MA 213 - Linear Algebra

Systems of linear equations; vector spaces; linear independence and bases; linear maps; matrices; determinants; eigenvalues and eigenvectors; diagonalization.

Credits: 4

Prerequisites/Restrictions: MA-160 or MA-211.

MA 217 - Graphs, Networks, and Algorithms

Introduction to graphs, emphasizing their use as a language for describing computational problems. Problems considered may include coloring, minimum spanning tree, conflict scheduling, optimal assignment, and bioinformatics. We cover graph algorithms such as traversal, shortest path, and network flow. Additional topics may include algorithm analysis and computational intractability.

Credits: 4

Prerequisites/Restrictions: MA-150 and (CS-109, CS-111, or DS-203) or Permission of Instructor.

MA 240 - Proofs

Fundamentals of sets and logic; logical quantifiers; methods of direct and indirect proof; mathematical induction; functions and relations; divisibility theory and modular arithmetic in the integers. Emphasis on construction of mathematical arguments and writing these arguments in a clear and convincing manner.

Credits: 4

Prerequisites/Restrictions: MA 160

Notes: Fulfills Written Communication requirement for the Mathematics major.

MA 284 - History of Mathematics

A problem study approach to the history of mathematics. Topics may include: Babylonian and Egyptian mathematics, number systems, Pythagorean mathematics, duplication, trisection, and quadrature, Greek mathematics including Euclid's Elements, Hindu-Arabian and Chinese mathematics, and the prelude to and dawn of modern mathematics.

Credits: 4

Prerequisites/Restrictions: MA-150 or MA-160 or MA-211 or Permission of Instructor.

Core: History & Society

MA 303 - Differential Equations

First order differential equations with applications primarily from physics and population dynamics; qualitative analysis; approximation of solutions. Second order linear d.e.'s and applications; series solutions; Laplace transforms. Other topics may include difference equations and iterated functions, systems, boundary value problems.

Credits: 4

Prerequisites/Restrictions: MA-160 or (MA-211 recommended).

MA 305 - Scientific Computing

Methods for approximating the solutions of problems that are difficult or impossible to solve exactly. Floating point representation; approximation of functions; roots of nonlinear equations; interpolation and curve-fitting; linear systems; some operations research methods; additional topics possibly including numerical integration and differentiation.

Credits: 4

Prerequisites/Restrictions: MA-160 or MA-211

MA 308 - Geometries

Euclidean geometry; the discovery of non-Euclidean geometry and the independence of the parallel postulate; neutral geometry; Hilbert's axioms; some philosophical implications. Additional geometric topics such as finite geometries; an introduction to elementary topology; fractals.

Credits: 4

Prerequisites/Restrictions: MA-160 or MA-211

MA 315 - Complex Analysis

The theory of functions of one complex variable. Topics will include: topology and algebraic structure of the complex numbers; differentiation of complex-valued functions and the Cauchy-Riemann equations; contour integration and Cauchy's Theorem; classification of singularities; Laurent series; the residue calculus.

Credits: 4

Prerequisites/Restrictions: MA-160 or (MA-211 recommended).

MA 380 - Advanced Topics in Mathematics

Topics of current interest not covered in the standard courses.

Credits: Variable

Prerequisites/Restrictions: Dependent on topic.

Notes: May be repeatable as long as the topic is different.

MA 381 - Mathematics Education Seminar

Topics in teaching mathematics at the secondary level or other levels, including effective mathematics lesson preparation and delivery, current issues in mathematics education, the use of ancillary teaching resources, and engagement in teaching and learning in local classrooms.

Credits: 2

Prerequisites/Restrictions: MA-150 or MA-160 or MA-211 or Permission of Instructor.

MA 401 - Real Analysis I

A rigorous study of the real number system: field and order axioms, completeness, and topology. Limits, sequences and series. Functions and continuity; pointwise and uniform convergence. The derivative and the Riemann integral.

Credits: 4

Prerequisites/Restrictions: MA 213 (MA 240 Recommended) or Permission of Instructor

MA 403 - Real Analysis II

Functions of several variables; the derivative and Riemann integral in higher dimensional real spaces; implicit and inverse function theorems; other topics in analysis.

Credits: 4

Prerequisites/Restrictions: MA 401

MA 406 - Abstract Algebra I

Groups, rings, and fields with an emphasis on group theory. Topics will include: subgroups, cosets, and Lagrange's theorem; normal subgroups and quotient groups; the homomorphism theorems; the structure theorem for finite abelian groups; rings and ideals; quotient rings; integral domains and fields.

Credits: 4

Prerequisites/Restrictions: MA 213 (MA 240 recommended) or Permission of Instructor

MA 407 - Abstract Algebra II

Commutative rings, ideals, and the construction of quotient rings. Axiomatic description of fields; algebraic (and transcendental) extensions of fields. Applications of field theory to ruler-and-compass constructions; Galois theory and the non-solvability by radicals of quintic equations. Other topics as time permits.

Credits: 4

Prerequisites/Restrictions: MA 406

MA 410 - Seminar in Mathematics

Exposes students to a variety of topics in current mathematics, including research, career, and ethics-related issues. Students will write a paper and present on selected topics.

Credits: 2

Prerequisites/Restrictions: Senior Mathematics Majors Only or by Permission of Instructor.

MA 440 - Mathematical Logic

The study of formal logic within mathematics, addressing the properties of formal systems including their expressive strength or deductive power. We introduce set theory and cover symbolic logic, including Godel's Completeness Theorem. We also cover Godel's Incompleteness Theorem, including its implications for the foundations of mathematics.

Credits: 4

Prerequisites/Restrictions: MA-240

MA 490 - Readings and Research in Mathematics

Independent reading and/or research of an advanced topic, under the direction and supervision of a faculty member. Results for the course are often submitted in written form and presented in a seminar setting or a student symposium.

Credits: Variable

Prerequisites/Restrictions: Junior standing; permission of supervisor and department chair.

Notes: Topic and course credit must be approved by a faculty supervisor, department chair, and the Associate Dean of the College. This course may not be used to replace one of the required electives for the major.

MA 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

MA 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

MS 1110 - (UVM) Introduction to ROTC & US Army

Discussion of the customs, traditions, branches, organization, as well as the many changes in the roles and missions of the Army of the 21st century. Includes a non-credit laboratory to develop, practice and refine leadership skills in a variety of positions.

In order to add MS courses, students must first register through their myUVM accounts (myuvm.uvm.edu). Once registered at UVM, students will automatically be added to the corresponding course(s) at SMC at a later date. Students may contact Valerie Pallotta (vpallott@uvm.edu) at UVM with further questions.

Credits: 1

Prerequisites/Restrictions: First-Year Students and Sophomores Only with an Interest in ROTC.

Notes: This course meets on the UVM campus.

MS 1120 - (UVM) Military Skills & Followership

Development of basic skills of an Army officer, including navigation and communications. Students are exposed to leadership development exercises during leadership laboratories.

In order to add MS courses, students must first register through their myUVM accounts (myuvm.uvm.edu). Once registered at UVM, students will automatically be added to the corresponding course(s) at SMC at a later date. Students may contact Valerie Pallotta (vpallott@uvm.edu) at UVM with further questions.

Credits: 1

Prerequisites/Restrictions: First-Year Students and Sophomores Only with an interest in ROTC.

Notes: This course meets on the UVM campus.

MS 1210 - (UVM) Leadership & Team Development

Learning and application of ethics-based leadership skills that develop individual abilities and contribute to effective team building. Development of oral presentations, writing, and coordination of group efforts. Includes a non-credit laboratory to develop, practice, and refine leadership skills in a variety of positions.

In order to add MS courses, students must first register through their myUVM accounts (myuvm.uvm.edu). Once registered at UVM, students will automatically be added to the corresponding course(s) at SMC at a later date. Students may contact Valerie Pallotta (vpallott@uvm.edu) at UVM with further questions.

Credits: 2

Prerequisites/Restrictions: MS-1120 or (Equivalent and Permission of Instructor); Can be taken concurrently with MS-1110.

Notes: This course meets on the UVM campus.

MS 1220 - (UVM) Individual & Team Leading

Techniques for training/counseling others as an aspect of continued leadership development. Includes safety and risk management assessments, and planning for individual and team safety. Includes a non-credit laboratory to develop, practice and refine leadership skills in a variety of positions.

In order to add MS courses, students must first register through their myUVM accounts (myuvm.uvm.edu). Once registered at UVM, students will automatically be added to the corresponding course(s) at SMC at a later date. Students may contact Valerie Pallotta (vpallott@uvm.edu) at UVM with further questions.

Credits: 2

Prerequisites/Restrictions: MS-1120 (formerly MS-012) or Equivalent and Permission of Instructor

Notes: This course meets on the UVM campus.

MS 2131 - (UVM) Leading & Training Small Organizations

Series of opportunities to lead small groups, receive personal assessments, and lead in complex situations. Plan and conduct training to develop leadership skills. Includes a non-credit laboratory to develop, practice and refine leadership skills in a variety of positions.

In order to add MS courses, students must first register through their myUVM accounts (myuvm.uvm.edu). Once registered at UVM, students will automatically be added to the corresponding course(s) at SMC at a later date. Students may contact Valerie Pallotta (vpallott@uvm.edu) at UVM with further questions.

Credits: 3

Prerequisites/Restrictions: Completion of basic course program or basic camp; Contracted ROTC Cadets Only.

Notes: This course meets on the UVM campus.

MS 2132 - (UVM) Leading & Managing Small Organizations

Plan for and adapt to the unexpected in organizations under stress. Examine importance of ethical decisions in a positive climate that enhances team performance. Includes a non-credit laboratory to develop, practice and refine leadership skills in a variety of positions.

In order to add MS courses, students must first register through their myUVM accounts (myuvm.uvm.edu). Once registered at UVM, students will automatically be added to the corresponding course(s) at SMC at a later date. Students may contact Valerie Pallotta (vpallott@uvm.edu) at UVM with further questions.

Credits: 3

Prerequisites/Restrictions: Contracted ROTC Cadets Only.

Notes: This course meets on the UVM campus.

MS 3241 - (UVM) Leadership Challenges & Goal Setting

Plan, conduct, and evaluate activities. Assess organizational cohesion and develop strategies for improvement. Develop confidence in skills to lead people and manage resources. Includes a non-credit laboratory to develop, practice and refine leadership skills in a variety of positions.

In order to add MS courses, students must first register through their myUVM accounts (myuvm.uvm.edu). Once registered at UVM, students will automatically be added to the corresponding course(s) at SMC at a later date. Students may contact Valerie Pallotta (vpallott@uvm.edu) at UVM with further questions.

Credits: 3

Prerequisites/Restrictions: Contracted ROTC Cadets Only

Notes: This course meets on the UVM campus.

MS 3242 - (UVM) Lead Ethically/Competently

Identify and resolve ethical dilemmas. Refine counseling and motivating techniques. Examine aspects of tradition and law related to leading as an officer in the Army. Includes a non-credit laboratory to develop, practice and refine leadership skills in a variety of positions.

In order to add MS courses, students must first register through their myUVM accounts (myuvm.uvm.edu). Once registered at UVM, students will automatically be added to the corresponding course(s) at SMC at a later date. Students may contact Valerie Pallotta (vpallott@uvm.edu) at UVM with further questions.

Credits: 3

Prerequisites/Restrictions: MS-2132; Contracted ROTC Cadets Only

Notes: This course meets on the UVM campus.

MU 101 - Understanding Music

Study of the elements of music – rhythm, meter, pitch, melody, harmony, timbre, ensembles, and form – and music as an element of human culture. Emphasis is placed on both listening and elementary musicianship skills. Examples include both Western and non-Western music.

Credits: 4

Core: Literature & The Arts

MU 201 - Structures of Music I

Basic tonal materials: scales, intervals, chords; melody and counterpoint; musicianship lab includes basic ear-training, sight-singing, keyboard skills.

Credits: 4

MU 203 - Structures of Music II

Intermediate tonal materials, harmony, introduction to form and analysis; musicianship lab includes ear-training, sight-singing, keyboard skills.

Credits: 4

Prerequisites/Restrictions: MU 201 or Permission of Instructor.

MU 222 - Medieval and Renaissance Music

A survey of the genres and styles of music in medieval and Renaissance culture, both music for worship and for secular entertainment, with a focus on the debates about the value and correct forms of music throughout this period.

Credits: 4

Core: Literature & The Arts AND Catholic Intellectual Traditions

MU 225 - Classical Music History

Study of Western classical music of the Baroque, Classical, and Romantic periods (approx. 1600-1900), with a focus on the major genres and styles and the social and philosophical meanings of music in these periods.

Credits: 4

Core: Literature & The Arts

MU 228 - 20th Century Music

Study of Western music and culture from Impressionism to the present.

Credits: 4

Core: Literature & The Arts

MU 242 - History of Jazz

The history of the music of African Americans from the point of departure in Africa to present day avant-garde jazz. The influence of jazz on American music.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

MU 243 - History of Gospel

This course examines the great body of African American religious song created and practiced for more than two centuries from the ring shout to holy hip-hop, from the nineteenth century spiritual to various manifestations of gospel song that have defined much Black religious expression since the Third Great Awakening. Folk sermons, street evangelists, musical forms, composers, preachers, quartets, gospel stars, and more are considered in this thorough yet entertaining course.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

MU 244 - American Musical Theater

A history of American musical theater, focusing on the professional Broadway repertory of the twentieth century, from Victor Herbert through Stephen Sondheim. This course examines the principle composers and lyricists and their shows, the cultural and stylistic trends they represent, the musical and dramatic forms they employ, and the social issues that inform both the context and the content of this repertory. No musical experience is required, but interested students will have performance opportunities.

Credits: 4

Core: Literature & The Arts

MU 247 - History of Rock

This course examines the historical, social, cultural, and musical forces that contributed to the emergence and subsequent development and impact of rock and roll as an enduring form of popular music. Performers, genres, song and style analysis, regional distinctions, and more are addressed with contextual depth and nuance.

Credits: 4

Core: Literature & The Arts

MU 253 - Global Issues in Music

Exploration of how music functions within and across different cultures, with an emphasis on its contemporary political, economic, and religious uses. The course uses case studies from a number of societies to study how musical expression and the meanings it creates emerge and change, both in their original context and in an increasingly global community.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

MU 261 - Private Lessons for Non-Music Majors

Enables a qualified student to study voice or an instrument with an accomplished artist in the area.

Credits: 1

Prerequisites/Restrictions: By arrangement with Music Faculty.

Fee: Yes

Core: Literature & The Arts

Notes: May be repeated.

Students MUST submit their completed online Private Music Lessons form to the Registrar's Office - after arrangements have been made with the Music faculty.

MU 271 - Intro to African Drumming

Exploration of the music and dance of West Africa, with focus on substantial individual improvement of performance skills and critical listening. May include public performance of learned repertoire.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated.

MU 281 - Introduction to the Music Industry

Students will examine the music business industry in this ever-changing world of broadcast mediums. We'll develop competencies that are used in a wide array of careers that are at the center of the music industry. Specific areas of study include the development of business-related knowledge and skills necessary for developing and maintaining a

professional music career; the structure, and vocabulary of the music industry; and the challenges of starting and marketing a music career, from scratch, with or without the help of a record label.

Credits: 4

MU 282 - Music Business and Management

This course examines issues involving music business and venue management. Subject matter focuses on and explores various careers relating to venue operation and the touring industry. Study additionally includes topics such as the community role of a music venue, booking policy and negotiation, artist contracts and riders, marketing strategy, ticketing, production, and safety protocol.

Credits: 4

Prerequisites/Restrictions: MU-281 or BU-103

MU 285 - Introduction to Music Therapy

This course provides an overview of the music therapy profession including: history, therapeutic approaches, clinical processes, populations served, and current professional issues. This course will also briefly discuss other professions that use music in healing environments. Readings, lectures, community engagement, and clinical video observation will allow you to examine general principles of music therapy and gain understanding regarding the use of music as a viable therapeutic medium across a variety of populations.

Credits: 4

Prerequisites/Restrictions: MU-201 or PS-101

MU 301 - Advanced Music Theory

Chromatic harmony, counterpoint, and standard forms of Western classical musical, with analysis of 18th and 19th-century examples.

Credits: 4

Prerequisites/Restrictions: MU 203

MU 319 - Advanced Topics in Music Theory

Detailed examination of a particular technique, style, or methodology of musical analysis or composition. Topics vary but may include, for example, counterpoint, fugue, twentieth-century analysis, free composition, or jazz harmony and arranging.

Credits: 4

Prerequisites/Restrictions: MU 203

Notes: May be repeated as long as the topic is different.

MU 349 - Topics in American and Popular Music

Detailed examination of a particular genre, period, region, repertory, composer, or performer. Topics vary but may include, for example, the blues, film music, or the Folk Revival.

Credits: 4

Prerequisites/Restrictions: May be repeated as long as the topic is different.

MU 359 - Topics in Ethnomusicology

Exploration and critical study of a specific ethnomusicological topics through discussion, readings, and performance. May include topics such as: Music as Social and Political Expression; Religious and Ritual Music; Classical World Music; or specific regional/area studies, i.e. music of India.

Credits: 4

Notes: May be repeated as long as the topic is different.

MU 361 - Private Lessons Music Majors

Private study of voice or an instrument with an accomplished artist in the area.

Credits: 1

Prerequisites/Restrictions: By arrangement with Music Faculty; Open to Music Majors and Minors who have completed or are enrolled in MU-201, and to Theatre Majors (Voice Only).

Fee: Yes

Core: Literature & The Arts

Notes: Students can take only one private lesson per semester as MU-361. Music Majors and Minors may register for a second lesson on a separate form as MU-261 at the higher course fee.

MUSIC MAJORS can take MU-361 for eight semesters.

MUSIC MINORS can take MU-361 for four semesters.

THEATRE MAJORS can take voice lessons as MU-361 for two semesters.

Students MUST submit their completed online Private Music Lessons form to the Registrar's Office - after arrangements have been made with the Music faculty.

MU 364 - Advanced Performance Studies

Group-oriented instruction in various performance styles such as jazz improvisation, operatic singing, song-writing, or chamber music. Offering varies from year to year.

Credits: 2

Core: Literature & The Arts

Notes: Counts as a performance course in the Music major/minor.

MU 372 - String Orchestra

An instrumental group performing a variety of different genres and styles of classical music, depending on the instrumentation available.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated.

MU 374 - Concert Band

An instrumental group performing literature for concert band and wind ensemble.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated.

MU 375 - Jazz Orchestra

A stage band performing the Big-Band style of jazz.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated.

MU 376 - African Drumming/Dance Ensemble

Exploration and public performance in ensembles of the music and dance of the Ewe people of Gahana and related cultures, with expectation of substantial individual and ensemble improvement of performance skills, critical listening, and instrumental and other techniques. There will be frequent on and off-campus performances, work with guest artists, and opportunities for individual musical projects (recitals, recordings, etc.) with the group. All interested students, regardless of background, should attend the first class session.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated.

MU 377 - Saint Michael's Singers

Vocal ensemble performing music in a variety of styles, including major choral works.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated.

MU 492 - Senior Seminar and Project

The senior seminar gives students the opportunity to undertake a culminating project in the study and performance of music. Topics and projects vary according to the interests of the students, and include a combination of original research, musical analysis, a final paper, an oral presentation, and a musical performance.

Credits: Variable

Prerequisites/Restrictions: Majors Only; Juniors and Seniors Only.

Core: Literature & The Arts

When Offered: Every other Fall

MU 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

MU 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

NS 400 - Independent Research in Neuroscience

Students interested in independent research are encouraged to talk to faculty to identify suitable projects. Once a selection has been made students work with the faculty mentor and conduct scientific research. Depending on the chosen project, faculty mentors may have pre-requisites such as advanced courses pertinent to the research.

Credits: 4

Prerequisites/Restrictions: PS-274 and PS-216 or BI-205 and MA-120; permission of Program Director.

Notes: May be repeatable.

NS 406 - Independent Research: Honors in Neuroscience Proposal

Eligible students will be active participants in a year-long intensive laboratory experience (NS-406 & NS-408) that involves conducting a literature review, generating a hypothesis(es), choosing and training on relevant methodology, writing an approved IRB/IACUC proposal (if applicable), collecting data, analyzing results, and writing a thesis paper, which also includes theoretical implications and conclusions. Students will be required to present their work orally at the April college-wide symposium.

Credits: 2

Prerequisites/Restrictions: PS-274 and PS-216 or BI-205 and MA-120; permission of Program Director; Juniors and Seniors only.

BI-320 Advanced Neurobiology or BI-335 Neuroscience may also be required for cellular neuroscience related projects. PH-362 may be required for philosophy related projects. Students should speak with a faculty mentor to inquire whether these additional prerequisites are needed.

NS 408 - Independent Research: Honors in Neuroscience

Eligible students will be active participants in a year-long intensive laboratory experience (NS-406 & NS-408) that involves conducting a literature review, generating hypothesis(es), choosing and training on relevant methodology, writing an approved IRB/IACUC proposal (if applicable), collecting data, analyzing results, and writing a thesis paper, which also includes theoretical implications and conclusions. Students will also present their work orally at the April college-wide symposium.

Credits: 2

Prerequisites/Restrictions: NS-406; permission of Program Director

BI 320 Advanced Neurobiology or BI 335 Neuroscience may also be required for cellular neuroscience related projects. PH 362 may be required for philosophy related projects. Students should speak with a faculty mentor to inquire whether these additional prerequisites are needed.

NS 410 - Neuroscience Senior Seminar

This course provides a capstone experience for students to review contemporary literature, demonstrate oral and written communication skills, and discuss societal implications of the field of neuroscience.

Credits: 4

Prerequisites/Restrictions: Seniors Only; Neuroscience Majors Only.

NS 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

NS 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

PB 101 - Introduction to Public Health

This course provides an introduction to the field of public health. Students will learn of the connectivity of public health and health care and the roles of personal behavior, social determinants, race, ethnicity, and income. Students will learn about prevention, protection and health promotion, as well as the domestic and global implications of public health.

Credits: 4

PB 250 - Business, Government and Health Care the Danish Way

This course explores institutions and policies of Denmark in three specific realms – business, politics and health care (broadly defined) - by examining their structures and functions, as well as the values and cultural institutions that inspired and maintain them. Our exploration will employ a comparative approach, using the corresponding institutions, policies and values of the United States.

Credits: 2

Notes: This course is the pre-requisite for BU/PO/PB 251, Business, Government, and Health Care the Danish Way Study Tour.

Crosslisted: BU 250, PO 250

PB 251 - Business, Government and Health Care the Danish Way Study Tour

This 12-day study tour will visit Copenhagen to study Danish culture, business, government, and health care. We will visit with Danish businesses including Lego; government institutions including Parliament; and health care experts and practitioners to understand how Danish values inform and influence business and public policy. Visits to cultural sites such as the National Gallery of Denmark, Rosenborg Castle, and Tivoli Gardens will enable you to learn more about Denmark's history and culture.

Credits: 2

Prerequisites/Restrictions: BU/PO/PB 250

Crosslisted: BU 251, PO 251

PB 299 - Community Health Action Practicum

In this course, students will gain hands-on experience in promoting public and community health through a combination of lectures, site visits and project-based learning in working groups. Students will develop communication, evaluation, advocacy, implementation and other skills as they help educate and support their peers and problem-solve campus health challenges.

Credits: 4

Notes: This is a repeatable course.

PB 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

PB 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

PH 103 - Philosophy and the Good Life

What is a life well-lived? What is the role of ethics in the good life? What gives life meaning? In this course, students will explore these fundamental questions and others in dialogue with a range of philosophical thinkers and texts.

Credits: 4

Core: Philosophical Questions

Notes: Students may take PH-103 only once.

PH 201 - Philosophy of Human Nature

This course engages questions concerning the place of humans in the wide world, questions that are at the heart of the ongoing Catholic and Christian Humanist traditions. Possible topics include: faith and reason, body and soul, freedom and moral responsibility, the art of living, the nature of desire, and the category of the human. Texts may be classic and/or contemporary.

Credits: 4

Core: History & Society AND Catholic Intellectual Traditions

PH 203 - Ethics

Ethics is the practice concerned with leading a worthwhile life consisting in worthwhile relationships with others and one self. In the Socratic tradition, the objective is to assist students in developing the ethical perspective they already have on worthwhile relationships.

Credits: 4

Core: History & Society AND Catholic Intellectual Traditions

PH 205 - Philosophy of Society

This course provides students with resources for examining the question of the relation between human nature and civil society. For example, some of the questions examined in these courses will be: the nature of a just human society, the

relation between the cultivation of human virtue and a just civil society, and whether civil society should be focused primarily on the common good or the rights and benefits of a single individual.

Credits: 4

Core: History & Society

PH 207 - Philosophy of Religion

This course is concerned with philosophical reflections on questions arising in relation to religious belief, especially with regard to belief in immortality and the existence of God or some transcendent reality.

Credits: 4

Core: History & Society AND Catholic Intellectual Traditions

PH 209 - Philosophy of Science, Technology, and Environment

This course includes topics in philosophy of science, philosophy of technology, and environmental philosophy. Questions may include: What is the goal of science? Are all sciences reducible to physics? Do we use technology, or does technology use us? Is nature intrinsically valuable? What is the moral status of plants and animals? What are our responsibilities to future generations? Readings include classic and/or contemporary texts.

Credits: 4

Core: History & Society AND Catholic Intellectual Traditions

PH 221 - Existentialism in Literature and Film

A philosophical examination of major themes in modern existentialism through film and literature.

Credits: 4

Core: Literature & The Arts AND Catholic Intellectual Traditions

PH 233 - Healthcare Ethics

An introduction to the major ethical issues faced by healthcare professionals along with an introduction to the relevant ethical theories and philosophical techniques used to clarify and to help direct healthcare professionals in handling these issues.

Credits: 4

Prerequisites/Restrictions: Open only to PH Minors and PH,HS,PBA,PBS Majors. (Open to all students during Open registration period.)

PH 235 - The Philosophy of Disability

Disability is a reality of the human condition. Yet, philosophers have only started to investigate the meaning of disability within the last decade. What, then, is a disability? What is disability itself? Is it a biological given, a social construction, or a mere difference? How does disability affect the lives of humans? This course will examine these

questions and more from historical and contemporary thinkers in disability studies.

Credits: 4

Core: Engaging Diverse Identities AND History & Society

PH 250 - Logic: An Introduction

PH-250 introduces students to the basic concepts of logic, the different kinds of inference structures or arguments, and the various techniques for identifying and evaluating inference structures or arguments, both informal and formal.

Credits: 4

Core: Quantitative Reasoning

Notes: PH-250 is not open to students who have taken PH-355.

PH 270 - Topics in Philosophy and Ethics

An examination of a topic at the 200-level that is not offered by the department on a regular basis. Topics will vary depending on the interest of the faculty.

Credits: 4

PH 271 - Topics in Philosophy and Ethics (2 Credits)

An examination of a topic at the 200-level that is not offered by the department on a regular basis. Topics will vary depending on the interest of the faculty.

Credits: 2

Notes: Does not count towards the Philosophy & Ethics Major or Minor.

PH 273 - Topics in Philosophy and Ethics (EDI)

An examination of a topic at the 200-level that is not offered by the department on a regular basis and that meets the Engaging Diverse Identities Core requirement. Topics will vary depending on the interest of the faculty.

Credits: 4

Core: Engaging Diverse Identities

PH 275 - Topics in Philosophy and Ethics (L&A)

An examination of a topic at the 200-level that is not offered by the department on a regular basis and that meets the Arts and Literature Core requirement. Topics will vary depending on the interest of the faculty.

Credits: 4

Core: Literature & The Arts

PH 301 - Ancient Greek Philosophy

A study in the principle figures of early Greek Philosophy, from the sixth to the third centuries B.C. A brief consideration of the period from Thales to Socrates leads to a more detailed study of Plato and Aristotle.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course.

Notes: Category: Ancient Philosophy

PH 309 - Author/Text - Ancient

Allows students to devote themselves to an in-depth study of a major philosopher or philosophical work for example: Plato, Aristotle, Plotinus, or Augustine.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Notes: Category: Ancient Philosophy

May be repeated with permission of instructor.

PH 319 - Major Author/Text:Medieval Christian

Allows students to devote themselves to an in-depth study of a major philosopher and/or philosophical texts formative of the Christian philosophical tradition during the Medieval Period. This may include such figures as Augustine or Aquinas.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Core: Catholic Intellectual Traditions

Notes: Category: Medieval Philosophy

May be repeated with permission of instructor.

PH 321 - History of Early Modern Philosophy

We examine the birth of modern philosophy in its struggle to meet radically new challenges. The metaphysical, epistemological and socio-political issues at the heart of these challenges are examined through a selection of the period's major philosophers, such as: Descartes; Hobbes; Locke; Hume; Spinoza; Leibniz and Kant.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Notes: Category: 17-18th Century Philosophy

PH 327 - Modern Philosophy (EDI)

A detailed study of modern pre-Kantian topics, texts, or figures that also satisfies the Engaging Diverse identities (EDI) requirement.

Credits: 4

Prerequisites/Restrictions: One 100-Level or 200-Level Philosophy Course

Core: Engaging Diverse Identities

Notes: Category: 17-18th Century Philosophy

May be repeatable as long as topic is different.

PH 329 - Author/Text - Modern

Allows students to devote themselves to an in-depth study of a major philosopher or philosophical work for example: Descartes, Spinoza, Hume, or Kant.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Notes: Category: 17-18th Century Philosophy

May be repeatable as long as topic is different.

PH 331 - Contemporary Philosophy

This course considers the rich and diverse development of philosophical thought from the nineteenth century into the twenty-first century. Class readings and discussions center on a selection of major figures such as: Hegel; Marx; Mill; Nietzsche; Kierkegaard; Russell; Quine; Husserl; Heidegger and Wittgenstein.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course.

Notes: Category: Philosophy from the 19th Century to the Present

PH 333 - Contemporary Analytic Philosophy

Since the early 20th century, the Analytic tradition has been the leading philosophic tradition in the U.S. and Britain. This course engages the ongoing history of contemporary Analytic philosophy, largely distinguished by its aim: science-like clarity and precision. Figures may include: Frege, Russell, Ayer, Wittgenstein, Quine, and current practitioners.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course.

Notes: Category: Philosophy from the 19th Century to the Present

PH 335 - Feminist Philosophy

This course brings the many varieties of feminism into conversation with core philosophic issues. Specific topics may include the relationship between feminism and humanism; the lived and conceptual relationship between sex, gender, and sexuality; the ontology of maternity; femininities and post-feminism; and masculinities.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy or Gender and Sexuality Studies course

Core: History & Society AND Engaging Diverse Identities

Notes: Category: Philosophy from the 19th Century to the Present

PH 338 - Major Author/Text: Contemporary (Christian Philosophical Tradition)

Allows students to devote themselves to an in-depth study of a major philosopher and/or philosophical text from the 19th or 20th Centuries, which contribute to the Christian philosophical tradition. This may include such figures as Søren Kierkegaard, Max Scheler, or Gabriel Marcel.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Core: Catholic Intellectual Traditions

Notes: Category: Philosophy from the 19th Century to the Present

May be repeated with permission of instructor.

PH 339 - Author/Text - Contemporary

Allows students to devote themselves to an in-depth study of a major philosopher or philosophical work for example: Hegel, Nietzsche, Levinas, Heidegger, Wittgenstein.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Notes: Category: Philosophy from the 19th Century to the Present

May be repeatable as long as topic is different.

PH 341 - Justice, Fairness and Mercy

This course will consider justice both in terms of fairness in society and in terms of punishment for violations. Readings include accounts of justice put forward by political philosophers like Plato, Hume and Rawls as well as critiques and alternatives from writers like Held, Fanon and Lorde.

Credits: 4

Prerequisites/Restrictions: PH-103 or permission of instructor

Core: History & Society

PH 350 - Advanced Topics in Philosophy

Pursues in depth a significant theme(s) such as the nature and types of freedom, truth, love, etc. and/or the exposition and assessment of major philosophical currents such as German Idealism, Existentialism, American Pragmatism, etc. Depending on the topic of the course, if appropriate, it may fulfill a history requirement for the Major or Minor.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Notes: Category: Philosophical Areas/Topics

May be repeated for credit barring duplication of materials.

PH 351 - Otherness and Marginalization: Levinas and the Alienated

This course offers students: (1) philosophically-rich analysis of marginalization, inequity, and oppression in the US and other countries; (2) exploration of the human desire for self-determination in overcoming existential alienation; (3) examination of solidarity and ethical responsibility for others; and (4) Community-Engagement work with individuals in Burlington. We will discuss political, economic, and social marginalization based on race, poverty, gender, sexuality, age, illness, and disability, and explore possibilities for resistance, liberation, and creating justice and equity.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Core: History & Society AND Engaging Diverse Identities

Notes: Category: Philosophical Area/Topics

PH 353 - Truth & Propaganda: Ethics & the Media

The purpose of this course is to examine the nature of propaganda as it appears in various types of media. We will explore several guiding theoretical questions: What is truth? What is propaganda? What is deception? If propaganda involves manipulation of the message recipient's beliefs, values, etc., could it be effective without calling upon ideas or perspectives that people take to be truth? In other words, can propaganda function if it is devoid of truth?

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Core: History & Society

Notes: Category: Philosophical Area/Topics

PH 355 - Logic: Laws of Thought

Students study principles of good reasoning, focusing on its formal and mathematical aspects. After constructing proofs within Aristotelian, propositional, and/or predicate logic systems, students reflect on the nature of the practice. Possible

questions: Is logic self-justifying? How many logics might there be? How are logic and thought related? Recommended for pre-law.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level PH course

Core: Quantitative Reasoning

Notes: Category: Philosophical Area/Topics

PH-355 is not open to students who have taken PH-250.

PH 358 - Power, Resistance, & Race

This course examines questions about race, identity, power, oppression, resistance, and liberation. Is race central to subjectivity? Are we free in determining who we are, given powerful forces of socialization and domination in our racialized world? Does human nature lead to conformity and oppression? How can we overcome oppression? We will examine ideas from thinkers and leaders around the world who have challenged systems of racial and ethnic domination and inspired movements for liberation.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Core: History & Society AND Engaging Diverse Identities

Notes: Category: Philosophical Areas/Topics

PH 361 - Metaphysics

Metaphysics is the branch of philosophical inquiry that is concerned with the nature of reality. In this way, metaphysics may be viewed as the attempt to reason about the way the world or universe is, as opposed to how it is customarily viewed. It is especially concerned with understanding the most fundamental principles and general features of what is real.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course

Notes: Category: Philosophical Area/Topics

PH 362 - Philosophy of Mind and Neuroethics

What is the nature of mind and consciousness, and how are they related to brain activity and to the body, more generally? Is there free will? Can we ever know the minds of others? The course treats both these timeless questions and timely issues in philosophy of neuroscience, neuro-philosophy, and neuro-ethics. A basic neuroscience background is helpful but not presupposed or necessary.

Credits: 4

Prerequisites/Restrictions: One 100-level or 200-level Philosophy course.

Notes: Category: Philosophical Area/Topics

PH 489 - Independent Thesis

The outcome of the independent thesis project will be a substantial, completed philosophical research paper. The student, whether a major or a minor, may choose to submit his/her independent thesis to the department for consideration of honors.

Credits: 4

Prerequisites/Restrictions: 3.6 GPA overall and permission of the department chair

PH 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

PH 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

PJ 101 - Approaches to Peace

This course introduces the student to the issues involved in challenging human society's acceptance of war and working toward a new paradigm of peace and social justice. Course discussions focus on the roots and causes of war; methods of conflict resolution and arms reduction; eliminating structural violence; religious inspiration for peace-making; and

non-violence as a method and way of life.

Credits: 4

PJ 205 - Theories of Conflict Resolution

This course surveys various theories with the goal of helping students develop a repertoire of tools for analyzing a conflict and formulating resolution techniques. Theories are drawn from philosophy, psychology, political science, general semantics, economic philosophy, religion, and other appropriate disciplines. Students will apply the theories to issues of social justice at the local, national, and global levels.

Credits: 4

PJ 410 - Advanced Integrations

This is the capstone course for the Peace and Justice minor. Students will have the opportunity to synthesize theoretical material from this and previous courses, and apply it to cases and issues relevant to their respective minors. Students will be expected to use research, writing, and presentation skills to complete projects related to their topical areas of interest.

Credits: 4

Prerequisites/Restrictions: PJ 101 and RS-236, Seniors only; Juniors by Permission of Instructor. As this is a capstone experience, students should complete all other coursework for the Peace & Justice Minor prior to enrolling in this course.

PJ 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

PJ 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the

semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

PO 120 - Introduction to U.S. Politics

Is the U.S. a democracy? Does the U.S. system of federalism improve or hinder good governance? How can democratic governance be strengthened? This course provides an introduction to the political institutions of the various governments in the U.S., and how the actions and behavior of the people within the U.S. affect governance.

Credits: 4

Core: History & Society

PO 180 - Current Issues in World Politics

This course provides students with an introduction to controversies and debates in world politics, through both a theoretical and case study approach.

Credits: 4

Core: History & Society

PO 200 - Research Methods

This course will introduce students to many of the important concepts, approaches, procedures and methods used by political scientists. Specifically, we will discuss use of the scientific method and experimental design, quantitative and qualitative methods of measurement and data collection, and ways of analyzing and interpreting data that has been collected.

Credits: 4

PO 207 - Parties, Elections and Political Participation

This course will examine the main institutions and processes that connect government with the citizens of the United States: parties, elections and pressure groups (including both interest groups and social movement organizations). We will discuss the development of these institutions, discuss the ways they currently function, and evaluate whether and how they contribute to the system of government in the United States.

Credits: 4

PO 220 - Topics in Political Science

An examination of a topic not offered by the department on a regular basis. Topics will vary depending on the interests of the faculty.

Credits: 4

Notes: May be repeated with Permission of Instructor.

PO 222 - Careers in Politics

Starting with the legislator in US politics, this course examines various careers in policy and advocacy, domestically and internationally. Particular attention is paid to politics as practice, how to develop a career, how success is defined and achieved, and key skills needed for political practitioners.

Credits: 4

Core: Engaging Diverse Identities

PO 230 - Politics of Cities

An examination of how cities in the United States are formed and governed, and how these cities shape public policy, both now and in the past. The course will explore several policy areas that are fundamental to cities, including policing, education, immigration, transit, public health, housing, anti-discrimination, the environment, and sports & economic development.

Credits: 4

Core: History & Society

Notes: Elective for PO major and minor.

PO 243 - Environmental Study of Sustainable Places

The past several decades have witnessed the rise of an environmental consciousness rooted in "sustainable development" and "green economy" paradigms. This course is designed to explore through cultural, ecological, political, geographic and artistic lenses, how societies are integrating ecological sustainability throughout their cultures, institutions and policies.

Credits: 2

Prerequisites/Restrictions: Permission of Instructor

Crosslisted: ES-243

PO 244 - Environmental Study of Sustainable Places - Wales Field Trip

This two-week study abroad course in May focuses on how Wales in the United Kingdom has integrated ecological sustainability throughout its culture, institutions, art, and policies. Cultural and environmental field studies, on-site guest lectures, exchange of research and artistic projects with University of Wales students and faculty will complement coursework.

Credits: 2

Prerequisites/Restrictions: PO-243

Crosslisted: ES-244

PO 245 - Introduction to International Relations

This course introduces students to the study of international relations, focusing especially on the interactions between states and non-state actors in the international environment. Emphasis is placed on understanding the major theoretical approaches to international relations, and applying them to consider enduring and contemporary issues and problems in international affairs.

Credits: 4

Core: History & Society

Notes: Optional Applied Language Component (2 credits)

PO 250 - Business, Government and Health Care the Danish Way

This course explores institutions and policies of Denmark in three specific realms – business, politics and health care (broadly defined) - by examining their structures and functions, as well as the values and cultural institutions that inspired and maintain them. Our exploration will employ a comparative approach, using the corresponding institutions, policies and values of the United States.

Credits: 2

Notes: This course is the pre-requisite for BU/PO/PB 251, Business, Government, and Health Care the Danish Way Study Tour.

Crosslisted: BU 250, PB 250

PO 251 - Business, Government and Health Care the Danish Way Study Tour

This 12-day study tour will visit Copenhagen to study Danish culture, business, government, and health care. We will visit with Danish businesses including Lego; government institutions including Parliament; and health care experts and practitioners to understand how Danish values inform and influence business and public policy. Visits to cultural sites such as the National Gallery of Denmark, Rosenborg Castle, and Tivoli Gardens will enable you to learn more about Denmark's history and culture.

Credits: 2

Prerequisites/Restrictions: BU/PO/PB 250

Crosslisted: BU 251, PB 251

PO 255 - Health Policy

This course is an introduction to health policy in the United States and around the world. We will begin with an examination of the United States health care and public health systems and then broaden to a comparative and global perspective. Throughout the course, we will explore the ways that national and international history, including patterns of racism and colonization, affect and often undermine national and international approaches to health care and public health.

Credits: 4

Notes: Elective for PO major and minor.

Cognate for PB major (BA and BS).

PO 261 - European Political Thought

This course traces the main developments in European political thought from the break-up of the feudal system until the mid-nineteenth century. It involves a close, critical reading of some of the major original works of prominent political thinkers from Hobbes through Marx, locating their thought in its social and political context.

Credits: 4

Core: History & Society

PO 285 - Introduction to Comparative Politics

What is a nation state? Capitalism? Authoritarianism? This course provides an introduction to comparative political analysis and central concepts in this field. The course will investigate political development and contemporary politics, governments and policies of countries around the world.

Credits: 4

Core: History & Society

PO 286 - Politics of the World Economy

An examination of power conflict at the international economic level and its impact on the politics of various states, regions and interests. Topics include the politics of trade, aid, debt, multinational corporations, and the globalization of the world economy.

Credits: 4

Core: History & Society

PO 290 - Canadian Government and Politics

A survey of Canadian government and politics. Specific topics will include a study of the parliamentary system of government, Quebec nationalism, Canada-U.S. relations and Canada's place within the global economy. Students may also participate in a regularly scheduled fieldtrip to Ottawa, Canada.

Credits: 4

Core: History & Society

PO 292 - Global LGBTQI + Politics and Culture

Introducing theories of sexual and gender identity, this course provides cross-cultural and cross-historical case studies in LGBTQI+ politics and culture. We focus on forms of homophobic and transphobic oppression, different forms of sexual and gender identity, and the emergence in the late 20th Century of LGBTQI+ politics and culture in its current form. The course draws upon intersectional approaches that examine sexuality and gender in relationship with race, ethnicity, class, and other forms of social identity.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

PO 299 - Identity in Politics

This course studies the uses and abuses of identity in political life. Specifically, it examines how identities, voluntarily chosen or ascriptively assigned, form the basis of inclusion as full members or exclusion as half- or non-members in democratic polities. The central axis of study is national identity, and we seek to understand how this identity is constructed with reference to gender, class, race, nationality, culture, religion, etc.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

PO 303 - Congress & the Policy Process

This course is an exploration of the US Congress. We will examine the Congress primarily by looking at both its internal processes and its relationships with other major political institutions within the American polity - including parties, elections, interest groups, and the executive and judicial branches.

Credits: 4

PO 320 - Topics in Political Science

An examination of a topic not offered by the department on a regular basis. Topics will vary depending on the interests of the faculty.

Credits: 4

Notes: May be repeated with Permission of Instructor.

PO 325 - The Politics of Food

Investigates the connections between food choices and political and cultural power; considers decisions about production and distribution as economic, environmental, and social, from farms to restaurants, slaughter houses to home kitchens; explores the paradox of abundance and famine side-by-side in the world, revealing day-to-day politics as well as alternatives approaches.

Credits: 4

Prerequisites/Restrictions: Junior or Senior standing only.

Core: Engaging Diverse Identities

Crosslisted: ES 325

PO 327 - Environmental Policy

An examination of the key drivers of environmental policy development and implementation at at different geographic scales. Possible topics include: air, water and waste policy in the United States, Canada and Mexico; globalization and

environmental policy through protocol and treaty; the evolving role of International Non-Governmental Organizations and social movements in environmental policy; and environmental justice and sustainability.

Credits: 4

Crosslisted: ES-327

PO 332 - U.S. Constitutional Law: Government Power

The first of two courses on U.S. Constitutional Law, this course examines the powers and structure of the American national government through a political and judicial lens. Specific topics include examining sources of constitutional authority, constitutional change, the nature of judicial review, and the separation of powers. Students should take this course as well as PO 334 for a complete study of U.S. Constitutional Law, but they do not need to be taken in order.

Credits: 4

Notes: Elective for PO major and minor.

PO 334 - U.S. Constitutional Law: Rights & Liberties

The second of two courses on U.S. Constitutional Law, this course examines the constitutional relationship between the individual and the government. Specific topics include the First Amendment freedoms of speech, and Fourteenth Amendment theories of equal protection of the law, especially relating to racial and gender equality. Students should take this course as well as PO 332 for a complete study of U.S. Constitutional Law, but they do not need to be taken in order.

Credits: 4

Core: History & Society

Notes: Elective for PO major and minor.

PO 336 - Law and Social Change

An examination of how U.S. law hinders or promotes social change. Discussions will examine the context for the legal cases, the work and reactions of social movements and grassroots organizations to legal decisions, and the impact of legal decisions on societal change. Topics include race, sex/sexuality/gender, labor/class, and disability.

Credits: 4

Core: Engaging Diverse Identities

PO 338 - Criminal Justice

An analysis of the various agencies involved with the administration of criminal justice. Topics include the definition and measurement of criminal behavior, pre-trial procedure, the adversary trial process, the imposition of punishment, and the judicial supervision of the rights of the accused. Emphasis is always on moral and constitutional values and institutional performance.

Credits: 4

PO 340 - Social Movements and Contentious Politics

This course provides a theoretical and empirical exploration of social movements and contentious politics. We will focus especially on North American and European approaches to social movement theory and study a variety of cases of national and transnational mobilization and protest, from the U.S. Civil Rights Movement to the global justice movement.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

PO 348 - U.S. Foreign Policy

A study of the formulation and conduct of U.S. foreign policy. Analysis of constitutional principles, institutions and historic traditions that influence the formulation of foreign policy. Case studies of contemporary policies towards specific countries and challenges.

Credits: 4

PO 350 - State Violence and Justice

Halting genocide, torture, and the violation of human rights is the first step. This course examines the next: how does a society address violence perpetrated by state officials, and how do they bring the perpetrators to justice? Understanding this process begins with an understanding of state violence, its goals and its effects on the victims, and proceeds with an examination of what is meant by truth, memory, and justice.

Credits: 4

Core: Engaging Diverse Identities

PO 351 - Politics of the Global AIDS Pandemic

This course uses the lense of political struggles to examine the global health crisis created by HIV/AIDS. The first part of the course concentrates on the development of HIV/AIDS policy in the United States, and the second looks at HIV/AIDS in a global context, with a focus on policy struggles within and among developed and developing countries.

Credits: 4

Core: Engaging Diverse Identities

PO 358 - Global Environmental Politics

This course examines global environmental problems from international relations theoretical and conceptual perspectives, considering the prospects for international environmental cooperation, activism and governance in the 21st century. Pressing global environmental problems are explored including climate change, natural resource depletion, hazardous waste spills, ozone depletion and international trade in endangered species.

Credits: 4

PO 360 - Film and Politics

The cultural and political power of film is unique. Films reinforce or break stereotypes, rewrite history, encourage dissent, or enforce conformity. This course focuses on politically-relevant films addressing race, gender, and sexuality from China, India, France, Latin America, and the U.S. We seek to understand the political context of each and contributions to ongoing debates about citizenship, the nation, and belonging as historical and in terms of the intersecting politics of race, gender, and sexuality.

Credits: 4

Core: Engaging Diverse Identities

PO 365 - Multiculturalism in Theory and Practice

This course studies historical and contemporary philosophical approaches to multiculturalism. It uses this theoretical understanding to examine contemporary controversies in multiculturalism in different parts of the world, and aims to facilitate moral and political judgments about various forms of multicultural coexistence and multiculturalist policies.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

PO 371 - Feminist Political Thought

This course studies the foundations of feminist political thought from its beginnings through to the recent explosion of gender- and sexuality-related social movements, locally and globally.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

PO 385 - European Politics

An examination of European state and regional politics, including institutions, political processes, economic policy, and the EU, as well as current issues like globalization, diversity, immigration, and the welfare state.

Credits: 4

PO 390 - Comparative Politics of Racism

Oppression and resistance based on race, gender, and sexuality examined in a comparative perspective and focusing on the institutional dimensions of politics, from legal and rhetorical origins of difference to the methods and strategies of social justice movements. This includes state and social actors in democratic and authoritarian settings, in civil society and states of war. Cases can include South Africa, Brazil, Iran, Malaysia, Ecuador, France and the US.

Credits: 4

Core: Engaging Diverse Identities

PO 410 - Senior Seminar in Political Science

Designed for small group and independent study techniques. Individual instructors will determine the direction of inquiry.

Credits: 4

Prerequisites/Restrictions: PO/IR Majors Only; Seniors Only

Notes: Fulfills Written Communication requirement for the Political Science major.

PO 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

PO 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

PS 101 - General Psychology

General Psychology is an introduction to the field of psychology, its methods, major perspectives, theories, and applications. The course explores basic sub-discipline areas of psychology such as neuroscience, perception, learning and memory, cognition, development, social psychology, personality, psychological disorders, and treatments.

Credits: 4

PS 110 - Lifespan Development

Students will gain understanding of the development of human individuals through physical, cognitive, and socioemotional components from conception to death. Theoretical and experimental approaches will be examined, and emphasis will be placed on applying these principles to relationships and situations across one's lifespan. The nature-nurture debate will also be addressed.

Credits: 4

Notes: This course may not be counted towards the psychology major or minor.

PS 213 - Psychological Statistics

An introduction to descriptive and inferential statistics used in psychological research. Topics include measures of central tendency, variability, and correlation, as well as probability, sampling, hypothesis testing, and analysis of variance.

Credits: 4

Prerequisites/Restrictions: PS 101; Psychology Majors/Minors, Criminology, Health Science, Neuroscience, Public Health, and Sociology & Anthropology Majors only (Majors/Minors Restriction will be released for Open Registration).

Core: Quantitative Reasoning

Notes: Credit will not be given for PS-213 if credit has already been given for EC-205, ST-120 or ST-140.

PS 215 - Research Methods

The course is dedicated to demonstrating how psychological research is conducted. Students will learn how to evaluate research and become proficient in the research process by actively engaging in the review of research literature, developing research questions and hypotheses, evaluating ethical considerations, collecting and analyzing data, and reporting research results.

Credits: 4

Prerequisites/Restrictions: PS-101 and (PS-213 or equivalent); Psychology and Neuroscience Majors Only.

Notes: Credit will not be given for PS-215 if credit has already been given for BI-205.

Fulfills Written Communication requirement for the Psychology and Neuroscience majors.

PS 250 - Social Psychology

This course focuses on individuals and how their thoughts and behaviors are influenced by the presence, real or imagined, of others. This is a departmental survey course that will include topics such as the self, social cognition, social influence, group dynamics, prejudice, attraction, helping behavior, aggression and conflict.

Credits: 4

Prerequisites/Restrictions: PS-101 or SO-101; Psychology Majors/Minors, Criminology Majors, and Public Health Minors Only (Majors/Minors Only restriction will be released for Open Registration).

PS 252 - Child Development

An introduction to the basic principles of human growth and development from the prenatal period through middle childhood. Topics include physical, perceptual, cognitive, emotional, and language development. The hereditary, psychological, and environmental influences on development will be considered, along with a variety of theoretical and experimental approaches to studying development.

Credits: 4

Prerequisites/Restrictions: PS-101; Psychology Majors/Minors and Gender & Sexuality Studies Minors Only (Majors/Minors Only restriction will be released for Open Registration).

PS 253 - Adolescent Development

This course traces the developmental path through adolescence considering stability or change in physical, cognitive, and social domains, and environmental and cultural forces that help shape individual responses to their surroundings.

Credits: 4

Prerequisites/Restrictions: PS-101; Psychology Majors/Minors and Gender & Sexuality Studies Minors Only (Majors/Minors Only restriction will be released for Open Registration).

PS 256 - Abnormal Psychology

This course explores historical and contemporary ways of conceptualizing the origins, characteristics, and treatments of psychological/emotional difficulties and problems in living. Problems and disorders to be examined range from minor adjustment problems and common disorders such as depression to more rare, major mental illnesses such as schizophrenia. Through an in-depth examination of a variety of viewpoints on "abnormal" behavior, students are invited to think critically about their own and our society's conception of "mental illness."

Credits: 4

Prerequisites/Restrictions: PS-101 or SO-101; Psychology/Criminology Majors and Minors and Public Health Minors Only (Majors/Minors Only restriction will be released for Open Registration).

PS 270 - Cognitive Psychology

Cognitive Psychology is the branch of psychology that studies internal mental processes including how people perceive, remember, think, and learn. A goal of the course is to show how major advances in our understanding of the mind often require interplay between cognitive psychology, neuroscience, philosophy, and linguistics.

Credits: 4

Prerequisites/Restrictions: PS-101; Psychology Majors/ Minors and Neuroscience Majors Only (Majors/Minors Only restriction will be released for Open Registration).

PS 272 - Psychology of Animal Learning and Behavior

This course covers the laws that govern behavior. Topics include: (1) the philosophy of Behaviorism, (2) the role of behavioral psychology in the neurosciences, (3) a review of learning processes in the context of natural selection, and (4) the relevance of conditioning mechanisms to psychopathology.

Credits: 4

Prerequisites/Restrictions: PS-101

Fee: Yes

Core: Scientific Inquiry

PS 274 - Behavioral Neuroscience

Basic human neuroanatomy and neurophysiology related to psychological processes will be examined. Emphasis is placed on sensation and the physiological mechanisms for sleep, hunger, thirst, sexual behavior, learning and memory, emotion, and neurological conditions. Laboratory experiences will enrich lecture content through dissections and scientific inquiry exercises.

Credits: 4

Prerequisites/Restrictions: PS-101

Fee: Yes

Core: Scientific Inquiry

PS 301 - Psychology and Religion

This course will explore views of human nature in Confucianism, Hinduism, Buddhism, Islam, Christianity, and secular psychoanalytic, humanistic, existentialist, and evolutionary psychologies in an effort to understand the conditions under which humans may flourish.

Credits: 4

Prerequisites/Restrictions: PS 213 (or equivalent); Psychology Majors Only (Major Only restriction will be released for Open Registration).

PS 308 - Spatial Cognition

This course will cover research and theory concerning learning and reasoning about space. Topics include: orientation and navigation; linguistic and symbolic communication; individual and cultural differences in spatial abilities; and spatial testing. A field laboratory component will involve the design of experiments and collection and analysis of data.

Credits: 4

Prerequisites/Restrictions: PS-213 (or equivalent) or Permission of Instructor; Psychology/Neuroscience Majors Only (Majors Only restriction will be released for Open Registration).

PS 310 - Drugs and Behavior

This course covers the basics of how drugs interact with the brain to alter behavior. The action of recreational drugs and therapeutic drugs are described. The fundamentals of pharmacology and neuroscience are reviewed; therefore, it is recommended that students complete PS 274 (Behavioral Neuroscience) before enrolling in PS 310.

Credits: 4

Prerequisites/Restrictions: PS-215 (or equivalent); (PS-274 Recommended); Psychology/Neuroscience/Public

Health/Criminology Majors and CR (formerly CJ) Minors Only. (Majors/Minor Only restriction will be released for Open Registration).

PS 312 - Perception

A comprehensive introduction to perception from an information processing point of view. All perceptual systems will be included, but the course emphasis will be on visual perception.

Credits: 4

Prerequisites/Restrictions: PS-213 (or equivalent); Psychology Majors/Minors and Neuroscience Majors Only (Majors/Minors Only restriction will be released for Open Registration).

PS 313 - Personality Theories

This course examines research and theories in the field of Personality and offers an in-depth critical analysis of those theories that attempt a comprehensive understanding of the personally relevant and meaningful aspects of human behavior.

Credits: 4

Prerequisites/Restrictions: PS-213 (or equivalent) or Permission of Instructor; Majors/Minors Only (Majors/Minors Only restriction will be released for Open Registration).

PS 314 - Psychology of Close Relationships

This course explores historical and contemporary psychological perspectives on the nature of adult intimate relationships. Major concepts to be examined include emotional intimacy, love, sexuality, attachment, relationship satisfaction, relationship dissolution and divorce, partner abuse and violence, family structure, and models of couple therapy.

Credits: 4

Prerequisites/Restrictions: PS-213 (or equivalent); Psychology Majors and Gender & Sexuality Studies Minors Only (Majors/Minors Only restriction will be released for Open Registration).

PS 315 - Sports Psychology

An applied psychology course in which students apply theories/concepts learned in other psychology courses to the areas of sports and athletics. It examines a wide range of topics related to the connection between sports and psychology, approached from the perspectives of both academic and applied sports psychologists.

Credits: 4

Prerequisites/Restrictions: PS 213 (or equivalent)

PS 317 - The Thinking Child

An in-depth examination of children's early cognitive development. Theoretical perspectives and current empirical research will be used to explore developmental advances in such areas as representation, memory, concept formation, and problem solving.

Credits: 4

Prerequisites/Restrictions: PS 213 (or equivalent); Psychology/Neuroscience Majors Only (Majors Only restriction will be released for Open Registration).

PS 320 - Forensic Psychology

This course examines psychological research, methods, theory, and practice as they apply to legal system processes. Experimental (e.g., jury selection) and clinical (e.g., assessment of insanity) applications receive equal weight. Consideration is also given to the proper place of social science in legal and public policy issues.

Credits: 4

Prerequisites/Restrictions: PS-213 or equivalent; Psychology Major or Criminology Majors/Minors Only (Major/Minor Only restriction will be released for Open Registration).

PS 323 - Children, Adolescents, and the Media

This course examines how children and adolescents interact with, understand, and are impacted by electronic media in their daily lives. We will consider current research, historic trends, and theoretical perspectives, and explore developmental, technological, and cultural factors in such areas as educational media, social media, advertising, and media literacy.

Credits: 4

Prerequisites/Restrictions: PS-213 (or equivalent); Psychology Majors Only (Majors Only restriction will be released for Open Registration).

PS 324 - Counseling Skills

Students will examine major theoretical perspectives in the field of counseling psychology and will have the opportunity to practice clinical assessment, listening skills, counseling skills, and reflect on ethical issues involved with counseling. Discussion and written work will emphasize the importance of being able to apply a wide repertoire of counseling skills. A final project will give students an opportunity to apply skills learned in class.

Credits: 4

Prerequisites/Restrictions: PS-215 and (PS-256 or PS-313); Psychology Majors Only (Majors Only restriction will be released for Open Registration).

PS 330 - Psychology of Well-Being

The Psychology of Well-Being involves the study of optimal human functioning. This course focuses on character strengths and values, such as wisdom, courage, humanity, justice, temperance, and transcendence, and on research involving different dimensions of happiness and subjective well-being. Students will acquire skills to improve well-being in life and practice.

Credits: 4

Prerequisites/Restrictions: PS-213 or equivalent; Psychology Majors Only (Majors Only restriction will be released for Open Registration).

PS 350 - Psychology of Health and Illness

Theory and research regarding the biological, psychological, and social aspects of health and illness will be examined. The interrelationships of stress, emotion, and illnesses including cardiovascular disease, cancer, and immune dysfunction will be discussed. Students will complete a health genealogy project to improve his/her quality of life (physical and psychological).

Credits: 4

Prerequisites/Restrictions: PS-101 or PB-101 or BI-152; Psychology and Public Health Majors/Minors and Neuroscience/Health Science Majors Only (Majors/Minors Only restriction will be released for Open Registration).

PS 400 - Independent Research In Psychology

Interested students engage in an in-depth investigation of a topic of their choice. Research can take the form of a laboratory, field, or scholarly project under the supervision of a faculty mentor.

Credits: Variable

Prerequisites/Restrictions: PS 215 or equivalent (minimum grade C), at least one 300-level course, and permission of the department chair

Notes: May be repeatable.

PS 401 - Capstone: Senior Seminar

This course fosters the capacity to transfer psychological knowledge and scientific ways of thinking to real-world personal, professional, and societal problems.

Credits: 4

Prerequisites/Restrictions: PS 215 (or equivalent); Psychology Majors Only; Seniors Only

PS 406 - Capstone: Senior Research I

Eligible students engage in independent laboratory, field, theoretical, or case study research supervised by a faculty mentor. In this first phase, students prepare a literature review and compose a proposal for research carried out during the following semester in PS 408.

Credits: 2

Prerequisites/Restrictions: PS 215 or equivalent; Permission of Instructor; Senior/Rising Senior Majors Only.

PS 408 - Capstone: Senior Research II

The second phase of the senior research involves students carrying out and writing up their approved proposed project in the form of a senior thesis. Students also will present their completed projects in a departmental symposium at year's end. Those completing the project will have "Distinction in Psychology" inscribed on their final college transcript, and become eligible for the annual award given by the psychology department for the Outstanding Psychology Student of the Year.

Credits: 2

Prerequisites/Restrictions: PS 406; Permission of Instructor; Senior/Rising Senior Majors Only.

PS 450 - Capstone: Practicum I

Practicum 1 is the first course in a two-semester sequence. It is designed to help students develop communication skills and self-awareness in the context of the helping relationship. Students spend 8-10 hours per week working at an approved human services internship site. The classroom provides an arena for discussion of students' challenges at their internship sites, allowing for peer support and faculty mentorship.

Credits: 4

Prerequisites/Restrictions: PS 215 and (PS 256 or PS 313); Psychology Majors Only; Seniors Only.

PS 460 - Capstone: Practicum II

Practicum 2 is a continuation of PS 450 Practicum 1. The focus of PS 460 shifts from basic helping skills to the application of those skills to the internship setting. This requires an understanding of the mental health service delivery system, how students' internship sites fit into that system, the development of assessment and treatment planning skills, and the opportunity for ongoing faculty supervision of the students' clinical work.

Credits: 4

Prerequisites/Restrictions: PS 450; Permission of Instructor; Psychology Majors Only; Seniors Only.

PS 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

PS 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the

semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

PY 101 - Astronomy

Astronomy is the oldest of the physical sciences and one of the most influential in the cultures of man. The course considers the practice of astronomy through history, and the astronomers' tools used to study stars, galaxies and the Universe.

Credits: 4

Core: Scientific Inquiry

PY 103 - Acoustical Foundations of Music

This course introduces students to the physical principles behind the production, transmission and perception of sound with a particular emphasis on its relation to music. Topics include an introduction to vibrations and sound waves, the different musical scales, and an analysis of the traditional orchestral instruments in terms of their respective sound production.

Credits: 4

Core: Scientific Inquiry

PY 107 - Meteorology

An introduction to atmospheric science covering the descriptive aspects of the subject as well as providing an introduction to the methodology. Topics include the origin and structure of the atmosphere, global wind patterns, air masses and fronts, the Earth's energy budget, analysis of weather maps, formation of clouds and precipitation, and features of thunderstorms, tornadoes, and hurricanes.

Credits: 4

Core: Scientific Inquiry

PY 210 - College Physics I

The first semester covers the fundamental aspects of Newtonian mechanics. Topics covered include applications of Newton's laws of motion, the concepts of work and energy and the work-energy theorem, and rotational dynamics.

Credits: 4

Prerequisites/Restrictions: Previous Completion of/or Concurrent Enrollment in (MA-150 or MA-160 or MA-211); Concurrent registration in PY-210L (Lab) is required.

Fee: Yes

Core: Scientific Inquiry

PY 210L - College Physics I Lab

The first semester covers the fundamental aspects of Newtonian mechanics. Topics covered include applications of Newton's laws of motion, the concepts of work and energy and the work-energy theorem, and rotational dynamics.

Credits: 0

Prerequisites/Restrictions: Previous Completion of/or Concurrent Enrollment in (MA-150 or MA-160 or MA-211); Concurrent registration in PY-210 (Lecture) is required.

PY 211 - College Physics II

The second semester covers the fundamental aspects of thermal physics, electricity & magnetism, and geometric and wave optics.

Credits: 4

Prerequisites/Restrictions: (PY-210 Minimum grade C-) and (Prior Completion of or Concurrent Enrollment in MA-160 or MA-211) or Permission of Instructor; Concurrent registration in PY-211L (Lab) is required.

Fee: Yes

PY 211L - College Physics II Lab

The second semester covers the fundamental aspects of thermal physics, electricity & magnetism, and geometric and wave optics.

Credits: 0

Prerequisites/Restrictions: (PY-210 Minimum grade C-) and (Prior Completion of or Concurrent Enrollment in MA-160 or MA-211) or Permission of Instructor; Concurrent registration in PY-211 (Lecture) is required.

PY 214 - Modern Physics

This course begins with an introduction to the theory of special relativity. Next, the early quantum theories of the blackbody radiation, photoelectric effect and Compton effect, and the Bohr model of the hydrogen atom are studied. The Schrodinger equation and its interpretation are discussed with an emphasis on its solutions for various simple potentials. Lastly, an introduction to the Schrodinger model of the hydrogen atom is presented.

Credits: 4

Prerequisites/Restrictions: PY-211

PY 217 - Mathematical Physics

This course allows physics majors to learn the methods of applied mathematics (e.g., advanced calculus, linear algebra, and differential equations) used in upper-division physics courses (e.g., electricity and magnetism, statistical mechanics, and classical and quantum mechanics).

Credits: 4

Prerequisites/Restrictions: MA 211

When Offered: Spring

PY 220 - General Physics I

The first semester covers the concepts of motion, Newtonian mechanics, momentum, work, energy, rotational motion and fluids. This is an algebra-based version of PY210 more suitable for those majoring in the biological sciences.

Credits: 4

Prerequisites/Restrictions: MA-130 or MA-150 or MA-160 or MA-211; Concurrent registration in PY-220L (Lab) is required.

Fee: Yes

Core: Scientific Inquiry

PY 220L - General Physics I Lab

The first semester covers the concepts of motion, Newtonian mechanics, momentum, work, energy, rotational motion and fluids. This is an algebra-based version of PY210 more suitable for those majoring in the biological sciences.

Credits: 0

Prerequisites/Restrictions: MA-130 or MA-150 or MA-160 or MA-211; Concurrent registration in PY-220 (Lecture) is required.

PY 221 - General Physics II

The second semester of general physics covers the concepts of electricity and magnetism, simple harmonic motion, waves, sound and optics. This is an algebra-based version of PY211 more suitable for those majoring in the biological sciences.

Credits: 4

Prerequisites/Restrictions: (PY-220 Minimum Grade C-) and (Prior Completion of MA-130 or MA-150 or MA-160 or MA-211) or Permission of Instructor; Concurrent registration in PY-221L (Lab) is required.

Fee: Yes

PY 221L - General Physics II Lab

The second semester of general physics covers the concepts of electricity and magnetism, simple harmonic motion, waves, sound and optics. This is an algebra-based version of PY211 more suitable for those majoring in the biological sciences.

Credits: 0

Prerequisites/Restrictions: (PY-220 Minimum Grade C-) and (Prior Completion of MA-130 or MA-150 or MA-160 or MA-211) or Permission of Instructor; Concurrent registration in PY-221 (Lecture) is required.

PY 302 - Electricity and Magnetism

A course in electromagnetic theory that covers topics in electrostatics and magnetostatics associated with static distributions of charges and currents, respectively. Maxwell's equations are introduced.

Credits: 4

Prerequisites/Restrictions: PY 211 and PY 217

PY 309 - Advanced Lab

The course is intended to explore more challenging lab concepts in Physics. Experiments are either drawn from topics in modern physics, or in a larger, semester-long experimental project. Students are expected to understand all aspects of the experiment including data acquisition and error analysis, and an in-depth understanding of the equipment used in the experiment.

Credits: 4

Prerequisites/Restrictions: PY 211 and PY 217

Fee: Yes

PY 310 - Junior Seminar Part I

The seminar sequence is designed to introduce students to the current physics literature and to develop oral and written presentation skills in the sciences. Students will have the opportunity to research topics related to their interests and are expected to present their results.

Credits: 1

Prerequisites/Restrictions: PY 214 and PY 217; Juniors only.

Notes: This is Part I of a year-long course. Students receive an interim grade (XT) after Part I of the two-course sequence. A final grade is awarded after Part II is completed. Students will register for Part 2 (PY-311) in the Spring semester.

PY 311 - Junior Seminar Part II

The seminar sequence is designed to introduce students to the current physics literature and to develop oral and written presentation skills in the sciences. Students will have the opportunity to research topics related to their interests and are expected to present their results.

Credits: 1

Prerequisites/Restrictions: PY-310; Juniors Only

Notes: This is Part II of a year-long sequence. A final grade is awarded for Part I (PY-310) after Part II is completed.

PY 315 - Classical Mechanics

An introduction to Lagrangian and Hamiltonian mechanics is presented. Coverage of material will include single-particle motion in general central potentials, oscillations, the classical theory of single-particle scattering by central potentials, multi-particle systems and rotational dynamics.

Credits: 4

Prerequisites/Restrictions: PY 214 and PY 217

PY 353 - Astrophysics

This course presents an advanced undergraduate-level study of the dynamics, structure, and evolution of stars.

Credits: 4

Prerequisites/Restrictions: PY-214 and PY-217 or Permission of Instructor.

PY 407 - Thermal Physics

This course introduces students to the formal description of thermodynamics and classical and quantum statistical mechanics. This includes a detailed analysis of the three laws of thermodynamics and their application to physical systems, kinetic theory and an introduction to statistical ensembles.

Credits: 4

Prerequisites/Restrictions: PY 214 and PY 217

PY 410 - Senior Seminar Part I

The seminar sequence is designed to introduce students to the current physics literature and to develop oral and written presentation skills in the sciences. Students will have the opportunity to research topics related to their interests and are expected to present their results. In this senior version of the junior seminar students are expected to be more experienced in their abilities and be able to perform at a higher level.

Credits: 1

Prerequisites/Restrictions: PY 311; Seniors only.

Notes: This is Part 1 of a year-long course. Students receive an interim grade (XT) after Part I of the two-course sequence. A final grade is awarded after Part II is completed. Students will register for Part 2 (PY-411) in the Spring semester.

PY 411 - Senior Seminar Part II

The seminar sequence is designed to introduce students to the current physics literature and to develop oral and written presentation skills in the sciences. Students will have the opportunity to research topics related to their interests and are expected to present their results. In this senior version of the junior seminar students are expected to be more experienced in their abilities and be able to perform at a higher level.

Credits: 1

Prerequisites/Restrictions: PY-410; Seniors Only

Notes: This is Part II of a year-long sequence. A final grade is awarded for Part I (PY-410) after Part II is completed.

PY 414 - Quantum Mechanics

This is a formal introduction to the language and techniques of nonrelativistic quantum mechanics. Investigations will center on solutions of the Schrodinger equation for the harmonic oscillator, the hydrogen atom, and other simple potentials. Students also gain familiarity with Dirac the notation, angular momentum and spin and some elements of scattering theory and approximation methods.

Credits: 4

Prerequisites/Restrictions: (PY 214 and PY 217) or Permission of Instructor.

PY 420 - Advanced Topics in Physics

Offered when the need and demand for specialized instruction arises. Recent offerings include Mathematical Physics (Hilbert Space and Applied Complex Analysis).

Credits: 4

Prerequisites/Restrictions: PY-210 and PY-211 or Permission of Instructor.

Notes: May be repeatable as long as topic is different.

PY 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

PY 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your

internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

RS 120 - Christianity: Past and Present

A survey of Christianity, its origins and major periods in its historical development, the character of its faith in God and in the person of Jesus Christ, and theological and ethical perspectives it offers on contemporary issues of moral choice and human community.

Credits: 4

Core: Study of Christian Traditions and Thought

Notes: This course is not open to students who have completed or are enrolled in RS-130 or RS-140.

RS 130 - Varieties of Christianity

This course is designed as an interdisciplinary, team-taught course in Religious Studies. It has three main components: an introduction to the academic study of religion (both Christian and non-Christian); an historical survey of the varieties of Christianity that have existed and still exist in the world today; and a study of some important issues in contemporary Christianity.

Credits: 4

Core: Study of Christian Traditions and Thought

Notes: This course is not open to students who have completed or are enrolled in RS-120 or RS-140.

RS 140 - Catholic Christianity

An introduction to Christianity and its scriptures, history, and practices, with an emphasis on the Roman Catholic tradition and its focus on the sacramental and communal dimensions of human existence, the relationship of faith and reason, and the promotion of human dignity and social justice in dialogue with contemporary society.

Credits: 4

Core: Study of Christian Traditions and Thought

Notes: This course is not open to students who have completed or are enrolled in RS 120 or RS 130.

RS 160 - Topics in Religious Studies

An examination of a topic at the introductory level not offered by the department on a regular basis. Topics will vary depending on the interests of the faculty.

Credits: Variable

Notes: May be repeatable if topic is different.

RS 210 - Old Testament

An in-depth study of the religious literature of Ancient Israel as foundational for Western Civilization. The course covers the cultural milieu of the Old Testament in the Ancient Near East as well as later interpretations of these biblical texts in Judaism, Christianity, and Islam.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society AND Catholic Intellectual Traditions

RS 211 - New Testament

An in-depth study of the New Testament and the cultural milieus of these texts as products of a largely Jewish sect in the Greco-Roman world. Attention also paid to some early Christian texts not included in the canon, as well as later interpretation of the New Testament.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society AND Catholic Intellectual Traditions

RS 216 - Early Christianity

A study of the communal struggles, personal rivalries, theological conflicts, social controversies, and art of the early Christians that shaped Christianity and its history: heresy and orthodoxy, hierarchy and charisma, art and narrative, persecution and martyrdom, paganism and classical tradition, creeds and councils, asceticism and the body, church and state, eastern and western Christianity. Focus on the 2nd through 6th centuries.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society AND Catholic Intellectual Traditions

RS 217 - Medieval Christianity

An historical inquiry into the society, pieties, and theologies of medieval Christendom, with special emphasis on the origins of many Roman Catholic doctrines, practices, attitudes, and modes of thought.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society AND Catholic Intellectual Traditions

RS 219 - American Protestantism

A survey of the major theological, liturgical, and institutional developments of Protestant Christianity in the United States, from its foundations in the Reformations of sixteenth century Europe through its development in colonial, antebellum, and contemporary America.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society

RS 220 - Modern Christian Thought

A thematic and historical inquiry into selected themes and thinkers in modern Christian thought, with particular reference to significant cultural, social, and religious developments. The focus will be on the nineteenth and twentieth centuries but will also include some contemporary works/thinkers. Themes may include Belief and Unbelief, Faith and Reason, Christianity and Secular Culture, Spirituality as Resistance, Liberation Theologies, Inter-Religious Dialogue (e.g. Jewish-Christian relations).

Credits: 4

Prerequisites/Restrictions: One 100-level Religious Studies course.

Core: Catholic Intellectual Traditions

RS 221 - World Christianity

A study of the contemporary situation of the Christian religion in selected regions worldwide (especially Africa, Asia, Europe, and the Middle East). The course will highlight the diversity and richness of Christian experience and will emphasize the interaction between Christianity and contemporary political events and movements.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society AND Catholic Intellectual Traditions

RS 222 - Sacrament, Worship and Ritual

A study of the nature and variety of Christian worship and ritual in terms of its foundations in human experience, religious symbolism, the Incarnation, and the sacramental nature of the Church.

Credits: 4

Prerequisites/Restrictions: One 100-level Religious Studies course.

Core: Catholic Intellectual Traditions

RS 224 - Understandings of God

This course focuses on Christian understandings of God. Topics may include: nature and attributes of God; historical and cultural factors influencing perceptions of God; comparative issues; contemporary debates.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: Catholic Intellectual Traditions

RS 231 - American Catholicism

A history of the Roman Catholic community in the United States, from its beginnings in colonial America to the present. Both primary and secondary sources will be read, focusing on those events and movements which have shaped the Catholic encounter with political and social aspects of American culture.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society AND Catholic Intellectual Traditions

RS 232 - Black Catholicism

This class will introduce undergraduates to Black Catholicism by revealing the history of the Black Catholic community within America and, consequently, examining how the narrative concerning Black Catholicism is one rooted in America's Original Sin. This course will also survey how Black Catholics are contextually situated within the Black Church.

Credits: 4

Prerequisites/Restrictions: One 100-level RS course

Core: Catholic Intellectual Traditions AND Engaging Diverse Identities

RS 236 - Christian Social Ethics

An examination of the interactions of Christianity with various social systems, resources of Christianity for social justice, and critical and constructive views of Christianity in the modern world.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: Catholic Intellectual Traditions

RS 239 - Religion, Ecology and Ethics

This course explores the current environmental crisis and the effects of human activity on Earth's ecological systems, and how religious traditions might address environmental problems and contribute to their resolution. We explore Biblical approaches to ecology and nature found in the Jewish and Christian traditions as well as a brief historical overview that retrieves and reformulates the works of theologians over the centuries. The course also looks at ideas and praxis suggested in Judaism, Islam, and Buddhism.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: Catholic Intellectual Traditions

RS 240 - Christianity and World Religions in Dialogue

This course examines the interaction of Christianity with other world religions, especially Hinduism and Buddhism, and may also include Confucianism, Daoism, Islam, or indigenous traditions. The course will provide a general overview of each religious tradition, and consider topics such as historical encounters and contemporary dialogue with Christianity.

Credits: 4

Prerequisites/Restrictions: One 100-level Religious Studies course.

Core: Engaging Diverse Identities AND Catholic Intellectual Traditions

RS 310 - The Sacred Quest

This course counts for the Core in Catholic Intellectual Traditions and is a required course for RS Majors. It examines the nature of religion and the difficulty of defining religion, studies various methods and theories in the academic study of religion, treats both naturalistic and religious understandings of religion, and studies aspects of religion such as religious experience, comparative religion, myth, and the social and institutional fabric of religion.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: Catholic Intellectual Traditions

RS 317 - Judaism

A study of the basic elements of the ancient, medieval, and modern periods of Jewish life and experience, as well as an examination of the way the Jewish tradition has functioned in the past and how it is perceived today.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society

RS 319 - Islam

This course is an introduction to Islam. Topics include the life of Muhammad, the Qur'ān, the development of Islamic ritual and doctrine, religious law (the shar'ā) and mysticism (Sufism). On the basis of secondary as well as primary readings, the course will address issues of identity ("What makes a Muslim?"), authority ("Who can speak for Islam?") and the role of religion in the public sphere ("Does Islam require to be expressed politically?").

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society AND Engaging Diverse Identities

RS 321 - Judaism in the Greco-Roman World

An advanced study of the history and religion of the Jews from 538 B.C.E. to the rise of Islam in the 600s C.E. Topics include Greek philosophy and Jewish thought, Dead Sea Scrolls, Jewish wars against Greeks and Romans, early Christianity as a Jewish sect, the rise of Rabbinic Judaism, and Jewish influence on early Islam.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society

RS 323 - Hinduism

An introduction to Hinduism, this course will explore the foundations of Indian religious thought and practice, as well as various Hindu traditions, religious literature, and spirituality. The course will also include an analysis of primary texts and a survey of contemporary expressions of global Hinduism.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society AND Engaging Diverse Identities

RS 325 - Buddhism

The course explores the religious and philosophical foundations of Hinayana (Theravada) and Mahayana Buddhism. Buddhist historical traditions and spirituality are also considered. Students investigate in some depth a major religious school of thought and practice in India, China, Japan or Tibet and present the results of their research in a formal paper.

Credits: 4

Prerequisites/Restrictions: One 100-level Religious Studies course.

Core: History & Society AND Engaging Diverse Identities

RS 328 - Christian Healthcare Ethics

Considers selected topics in the field of contemporary ethical issues in health care. This course will focus on selected major areas of concern such as genetics, abortion, euthanasia, human experimentation, and HIV/AIDS. The course will explore those issues using approaches from the Christian tradition.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: Catholic Intellectual Traditions

RS 339 - Celtic Christianity

A survey on the distinctive expression of Christianity that first developed and flourished on the Western fringes of Europe and subsequently influenced the development of Christianity on the continent. The course will focus on the theology, spirituality, and practices developed by Celtic Christians from the fifth to the fifteenth century to enculturate their understanding of the Christian faith.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: History & Society AND Catholic Intellectual Traditions

RS 340 - Saints and Holiness

An overview of the Christian concept of sanctity from its New Testament origins to the present day. An examination of the "saints" from various periods of Christian history reveals the diverse ways that particular communities have understood and practiced essential elements of the Christian Gospel, expressed through martyrdom, monasticism, mysticism, pious living, and social activism. Readings will concentrate on primary sources including acts of the martyrs, lives of the saints, histories, catechisms and contemporary autobiographies.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

Core: Catholic Intellectual Traditions

RS 342 - Religion and Film

Religion and Film examines important religious themes through cinema. Selected films serve as "texts" for exploring theological and spiritual concepts across the religious spectrum. The course will examine topics such as faith, conscience, conversion, grace, reconciliation, theodicy, eschatology, sanctity, or ritual. Films chosen for consideration include a mix of classic and contemporary, foreign and Hollywood cinema.

Credits: 4

Prerequisites/Restrictions: A 100-level Religious Studies course.

RS 350 - Advanced Topics in Religious Studies

This course provides the opportunity for faculty and students to explore a particular academic topic which is not listed in the regular catalog of courses. Recent examples of Special Topics taught include Science and Religion, Sacred Cities, Jesus Through the Centuries, and Mormonism.

Credits: 4

Prerequisites/Restrictions: One 100-level Religious Studies course

Notes: May be repeatable as long as the topic is different.

RS 354 - Jews, Christians and Muslims in the Holy Land

The Holy Land, sacred to Jews, Christians, and Muslims, has experienced great division, suffering, and conflict due to religion. This course explores the historical significance of this region from many angles, and examines contemporary forms of these three traditions and how they face the modern challenges of a contested land.

Credits: 2

Prerequisites/Restrictions: A 100-level Religious Studies course

When Offered: Fall

RS 355 - Holy Land 3 Faiths Study Trip

This study abroad trip is designed to introduce students to the religious, cultural and historical realities of the Holy Land. This land is sacred to Jews, Christians and Muslims, yet, there may be no other place on earth that has experienced more division, suffering and conflict, with religion as a primary contributing factor.

Credits: 2

Prerequisites/Restrictions: A 100-level Religious Studies course, RS-354 and Permission of Instructor Required

RS 410 - Religious Studies Seminar

This is the second part of the capstone experience. The seminar examines methodologies for research in the field of religious studies and includes presentation and critique of student research projects concluding in a senior thesis.

Credits: 4

Prerequisites/Restrictions: RS Major status with Senior or Junior standing.

Notes: Fulfills Written Communication requirement for the Religious Studies major.

RS 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

RS 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

SAS 100 - Seminar for Academic Success

This course is a practical skill building course designed to support students as they advance in their college careers. Through a series of weekly seminars on a variety of topics related to achieving academic success this seminar will facilitate students becoming fully engaged and contributing members of our intellectual community by offering . Students will learn to develop and maintain skills that both promote personal responsibility for learning and assist them in successfully meeting the expectations of the college classroom. Applied learning will be a key component as students move from theory to practice, enhancing their own critical thinking skills and familiarizing themselves with the various support services available to them.

While this course is recommended to students who need practical guidance and basic skills support (for example, reading comprehension, time management, study and note taking skills), this seminar is ultimately designed to enhance the joy of learning and expand students' consciousness around best practices.

Credits: 2

Prerequisites/Restrictions: Permission of the instructor only.

SO 101 - Introduction to Sociology

This course is an entry level introduction to basic institutions of society such as education, religion, and the economy, as well as examination of culture, population, groups, the individual, socialization, social stratification, interpersonal interaction, and community. The "sociological imagination" and standard methods of research and theories are included.

Credits: 4

Core: History & Society

SO 107 - Social Problems

This course is focused on contemporary social problems, particularly on how issues come to be "public" issues and eventually defined as problems in need of resolution. Often taught from the "constructionist" perspective, the problems that receive the greatest attention range from year to year and professor to professor. Common problems include, poverty, stratification, prejudice and discrimination, drug and alcohol abuse, gangs, violence, hunger, economic development and many other topics. As with Introduction to Sociology, this course focuses on the basic institutions of society.

Credits: 4

Core: History & Society AND Engaging Diverse Identities

SO 110 - Topics in Sociology

An examination of a topic at the introductory level not offered by the department on a regular basis. Topics will vary depending on the interests of the faculty.

Credits: Variable

Notes: May be repeatable if topic is different.

SO 209 - Research Methods of Sociology

Provides an awareness of the techniques that are used to gather the data on which sociological generalizations rest. This course is intended primarily for sociology majors, but it is not reserved for them.

Credits: 4

Prerequisites/Restrictions: SO-101 or Permission of Instructor; SO/AN Majors/Minors and CR Majors Only.

Notes: Fulfills Written Communication requirement for the Sociology major.

SO 215 - Social Determinants of Health

In this course, we will examine the social determinants of health; in other words, how social conditions, such as where people live, who they are friends with, and what kind of job they have, shape health outcomes. We will pay special attention to the relationship between various types of inequality (income, race, and gender) and health.

Credits: 4

Notes: SO-101 or ANT-109 or ANT-110 strongly recommended but not required.

SO 218 - Deviance, Norms, and Social Control

Who is deviant? How do we define who or what is deviant? How do we punish or manage those we deem deviant? In this course, we examine why certain behaviors, differences, and people are considered deviant, and why others are not. In addition to examining the U.S. criminal justice system, we explore other areas of socially constructed deviance, including mental illness, homelessness, sexual deviance, cults, corporate crime, and substance abuse, among others.

Credits: 4

Prerequisites/Restrictions: SO/AN/CR/EQ Majors or Minors or Permission of Instructor

SO 221 - Race and Ethnic Relations

This course explores the interethnic and "racial" dynamics in society and how they came to be characterized in the manner that they are. As a Sociology course, particular emphasis will be placed on the institutional and cultural dimensions.

Credits: 4

Core: Engaging Diverse Identities

SO 301 - Social Theories

Studying social theory can help us think, analyze, and debate social issues with more discipline, rigor, and clarity. In this survey course students will acquire a basic grasp of the main schools of classical and contemporary social theory and how they differ from each other while also gaining practice at applying such theories in order to make sense of perplexing topics such as religion, culture, race, inequality, and violence.

Credits: 4

Prerequisites/Restrictions: SO/AN Majors and Minors Only or with Permission of Instructor.

SO 310 - Directed Readings in Sociology

This course applies the theory and methods of Sociology to analyze selected important issues of contemporary life. It periodically shifts the topical focus, but consistently reflects the orientation of the discipline of Sociology. Recent examples of topics include "God, Gangs and Globalization," "Restorative Justice," and "Sociology of Religion."

Credits: 4

Prerequisites/Restrictions: SO-101 or AN-109 or AN-110 or Permission of Instructor

Notes: May be repeatable as long as topic is different.

SO 318 - Restorative Justice

The U.S. criminal justice system asks: What laws have been broken? Who did it? What punishment do they deserve? Restorative Justice asks: Who has been hurt? What are their needs? Whose obligations are these? Directly explore and experience various restorative approaches to harm in this highly interactive course.

Credits: 4

Prerequisites/Restrictions: SO/AN/CR Majors or Minors or Permission of Instructor

SO 420 - Sociology/Anthropology Capstone

Seniors in Sociology, Anthropology, or Criminology will examine their own skillset, explore their chosen profession, and develop and carry out a research project in accordance with their particular interests.

Credits: 4

Prerequisites/Restrictions: Seniors Only. SO/AN/CR/PBA Majors Only.

SO 442 - Restorative Approaches to Intimate Partner Violence

This course will introduce students to restorative approaches to intimate partner violence. Topics will be examined with a social justice lens and include addressing the patterns, cultural relevance, risk factors, and impacts of intimate partner violence, barriers to reporting, criminal legal system responses, and restorative models for repair and transformation.

Credits: 4

Prerequisites/Restrictions: Junior Standing or Permission of Instructor

SO 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

SO 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

SP 101 - Elementary Spanish 1

A course designed to develop basic language skills and introduce students to the culture of the Spanish-speaking world.

Credits: 4

Core: Second Language for B.A.

Notes: No credit will be given for SP-101 if credit has been given for a higher level of Spanish.

SP 102 - Elementary Spanish 2

This course follows SP 101 and continues the development of students' basic language skills in all areas. Some course material will be based on Spanish and Latino culture.

Credits: 4

Prerequisites/Restrictions: SP 101 or Placement.

Core: Second Language for B.A.

Notes: No credit will be given for SP-102 if credit has been given for a higher level of Spanish.

SP 200 - Spanish Applied Language Component

Students may develop their proficiency in Spanish through an applied language component (ALC) attached to a course taught in English from another department. Students will read and discuss, in Spanish, selected texts or other materials pertinent to the subject matter of the associated course. The ALC meets once per week and counts as a half course (beyond the course to which it is tied).

Credits: 2

Prerequisites/Restrictions: SP 102

Notes: May be repeatable.

SP 202 - Spanish for Health Professions

This course seeks to help students become more fluent overall and ready to work in a Spanish-speaking context, particularly in a health-related professional setting. Students will also learn about different cultural perspectives on health and medicine in the Spanish-speaking world, as well as different public health and healthcare systems.

Credits: 2

Prerequisites/Restrictions: SP-102 or higher OR placement at or beyond SP-203 (Intermediate Spanish 1).

Core: Second Language for B.A

Notes: Counts as elective for SP Major/Minor

SP 203 - Intermediate Spanish 1

This course follows 102 and offers further development in all language skills. Some course material will be based on Spanish and Latino literature and culture.

Credits: 4

Prerequisites/Restrictions: SP-102 Minimum Grade C or Placement.

Notes: No credit will be given for SP-203 if credit has been given for a higher level of Spanish.

SP 206 - Intermediate Spanish 2

This course follows SP 203 and offers further development of students' intermediate language skills in all areas. Some course material will be based on culture.

Credits: 4

Prerequisites/Restrictions: SP-203 Minimum grade C or Placement.

SP 308 - Advanced Conversation

The study and practice of oral expression. Class activities are related to different aspects of Hispanic culture.

Credits: 4

Prerequisites/Restrictions: SP-206 Minimum Grade C or Placement.

Notes: In Spanish. May be repeated.

SP 310 - Advanced Communication and Culture

A course designed to help students consolidate their grammar and vocabulary skills as they develop their writing skills. The goal is to foster students' critical reflection and self-correction, thereby increasing their independence in the craft of writing.

Credits: 4

Prerequisites/Restrictions: SP-206 Minimum Grade C or Placement.

Notes: In Spanish. Fulfills Written Communication requirement for the Spanish major.

SP 313 - Topics in Latin American Culture

Courses could cover such topics as National Culture and Identity, Latin American film; the culture of Argentina.

Credits: 4

Prerequisites/Restrictions: SP 310

Notes: In Spanish. May be repeatable as long as topic is different.

SP 315 - Topics in Spanish Culture

Explores the cultures of Spain. Courses could cover such topics as Spanish Art and Architecture; the Spanish Civil War; Transition to Democracy; and contemporary Spanish culture.

Credits: 4

Prerequisites/Restrictions: SP 310

Notes: May be repeatable as long as topic is different.

SP 330 - Spanish/Latin American Film

A study of the great cinematic tradition of Spain and/or Spanish-speaking countries using methods similar to those used in the study of literature. Students will watch and discuss at least one film each week.

Credits: 4

Prerequisites/Restrictions: SP 343

Core: Literature & The Arts

SP 335 - Readings in Latin American Literature

Courses could cover topics such as colonization and resistance, mestizaje, the nation, the New Narrative, migration, and contemporary Latin America through narrative, essay, theatre, poetry, and testimonio.

Credits: 4

Prerequisites/Restrictions: SP 343, Minimum Grade C

Core: Literature & The Arts

Notes: In Spanish. May be repeatable as long as topic is different.

SP 340 - Readings in Spanish Literature

The course may be based on a single author, work, or movement or may be of a topical nature. Past courses include "Contemporary Spanish Novel," "Don Quijote" and "The Life and Works of Lorca."

Credits: 4

Prerequisites/Restrictions: SP-343, Minimum grade C

Core: Literature & The Arts

Notes: May be repeatable as long as the topic is different.

SP 343 - Literary Studies in Spanish

Familiarizes students with different literary genres and styles and introduces them to the principal literary movements and authors of Hispanic literature.

Credits: 4

Prerequisites/Restrictions: SP-310, Minimum Grade C. SP-310 can be taken concurrently by Permission of Instructor.

Core: Literature & The Arts

Notes: In Spanish. Must be taken at Saint Michael's College to count towards the major.

SP 345 - Poetry in Spanish

An exploration of poetry leading to an appreciation of its uniqueness as a genre. The course will discuss what makes poetry different from other literary forms and will provide the student with a better understanding of poetry, authors, and traditions and with the tools of poetic analysis.

Credits: 4

Prerequisites/Restrictions: SP 343

Core: Literature & The Arts

Notes: May be repeatable as long as topic is different.

SP 460 - Senior Seminar

In the capstone course for majors, students use the skills and knowledge gained over the course of their studies on campus and abroad to produce a substantial academic essay written in the language of the major. The theme of the essay depends on the particular year, professor, and student.

Credits: 4

Prerequisites/Restrictions: Majors Only; Seniors Only.

SP 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

SP 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

ST 101 - Reasoning with Data and Chance

A well-informed citizen is a critical and creative consumer of quantitative information presented numerically, in words, and visually. In this course, we will examine practical applications in research design, descriptive statistics, probability, and inferential statistics. We will explore issues arising in data science and consider ethical issues in research and use of data. Examples throughout the course will be drawn from a variety of fields of study and a diversity of source materials.

Credits: 4

Core: Quantitative Reasoning

ST 120 - Elementary Statistics

Description of sample data; probability distributions including the Normal distribution; correlation and regression; sampling; hypothesis testing; statistical inference; other topics may include Chi-square tests, multiple regression, and ANOVA.

Credits: 4

Core: Quantitative Reasoning

Notes: Credit will not be given for ST-120 if credit has already been given for ST-140 or PS-213.

ST 140 - Biological Data & Statistics

An introduction to the numerical analysis of biological data in fields such as ecology, medicine, neuroscience, and molecular/cellular biology. The emphasis is on choosing the correct analysis method for experiments by learning common elementary statistical tests and on developing skills to evaluate and interpret statistical reporting in the life sciences.

Credits: 4

Core: Quantitative Reasoning

Notes: Credit will not be given for ST 140 if credit has already been given for ST 120 or PS 213.

ST 201 - Intermediate Statistics

This non-calculus based intermediate statistics course picks up where ST-120/ST-140 left off. Topics include experimental design, ANOVA, ANCOVA, simple linear and multiple regression, and logistic regression. Students will work with real datasets in R throughout the semester. Emphasis is on application, interpretation, and computing.

Credits: 4

Prerequisites/Restrictions: ST-120 or ST-140 or PO-200 or PS-213

ST 251 - Probability

Introduction to combinatorics and probability; discrete distributions; continuous distributions; expectation; moment-generating functions; bivariate distributions; conditional distributions; functions of random variables; limit theorems including Weak Law of Large Numbers and Central Limit Theorem; distributions arising from a sample of Normal random variables; applications of probability.

Credits: 4

Prerequisites/Restrictions: MA-130 Minimum Grade B or (MA-150 or MA-160 or MA-211) or Permission of Instructor.

ST 252 - Mathematical Statistics and Methods

Development of theories of mathematical statistics, including minimum variance unbiased estimation, use of pivot functions, maximum likelihood estimation, and Bayesian estimation; introduction to statistical decision theory; application of methods of statistical inference to areas such as multiple linear regression, design of experiments and analysis of variance, random effects models, and logistic regression.

Credits: 4

Prerequisites/Restrictions: MA-130 Minimum Grade B or (MA-150 or MA-160 or MA-211) or Permission of Instructor.

ST 351 - Applied Regression Analysis

Regression analysis and its applications. Topics include simple and multiple linear regression, model diagnostics and testing, residual analysis, transformations, indicator variables, variable selection techniques, logistic regression and analysis of variance. Most methods assume use of a statistical computing package.

Credits: 4

Prerequisites/Restrictions: ST-201, ST 251, or ST-252 or Permission of Instructor

ST 380 - Advanced Topics in Statistics

Topics of current interest in statistics not covered in the standard courses.

Credits: Variable

Prerequisites/Restrictions: ST-201, ST-252 or DS-203; or Permission of Instructor

Notes: May be repeatable if topic is different.

ST 410 - Seminar in Statistics

Exposes students to a variety of topics in current probability and statistics, including research, career, and ethics-related issues. Students will write a paper and present on selected topics.

Credits: 2

Prerequisites/Restrictions: Senior Statistics Majors Only or by Permission of Instructor.

ST 451 - Applied Statistical Methods

Exploration of common statistical techniques using the theory and methods of probability and statistics. Topics include review of inferential statistics, ANOVA, time series, nonparametric and multivariate statistics, Chi-square tests, and logistic regression. Most methods assume use of a statistical computing package.

Credits: 4

Prerequisites/Restrictions: ST-201, ST-251, or ST-252 or Permission of Instructor.

ST 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

Proposals are submitted via the online "Undergrad Independent Study Application" form found on the Registrar's portal page and must be approved by the end of the first two weeks of the semester in which the course is taken.

Contact the Office of the Associate Dean of the College with any questions.

Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

ST 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

TH 110 - BIPOC Voices in Theatre

This course explores the explosive power of the Theatre as expressed by BIPOC writers, directors, designers and theorists. The creative process of Theatre will be examined through reading, writing, performance, improvisation, large and small group discussion, an out-of-class experiential creative project, two exams, and attendance at plays.

Credits: 4

Core: Literature & The Arts AND Engaging Diverse Identities

TH 161 - Theatre Laboratory: Scenery, Lights, Painting

A semester-long theatre laboratory focusing on safety in the theatre, and the department of Fine Arts' mainstage production. It meets twice a week and involves active participation in the areas of stage lighting, properties, set construction and painting.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated with permission of the instructor.

TH 162 - Theatre Laboratory: Costumes

This is a laboratory course centered on the current Mainstage Theatre production. It meets once a week until early November. Students enrolled develop skills that enable them to build and alter costumes for the show. This class also involves running the department show during technical rehearsals and performances.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated with permission of the instructor.

TH 163 - Theatre Laboratory: Scenery, Lights, Run Crew

A semester-long theatre laboratory focusing on safety in the theatre, and the department of Fine Arts' mainstage production. It meets once a week and involves active participation in the areas of stage lighting, properties, set construction, and painting. This class also involves running the department show during technical rehearsals and performances.

Credits: 2

Core: Literature & The Arts

Notes: May be repeated with permission of the instructor.

TH 207 - Acting Techniques

The theory and practice of acting techniques, using the acting style and literature of modern and contemporary realism. The techniques focus on understanding dramatic action in terms of character, and on the organic use of the voice and body.

Credits: 4

Core: Literature & The Arts

TH 209 - Stagecrafts

This is an introduction to the technical elements of stage production (exclusive of costuming). Particular emphasis is placed on stage management, run crew, design, construction of scenery, painting, properties and lighting. Practical projects are included in the curriculum to reinforce classroom work.

Credits: 4

Core: Literature & The Arts

TH 210 - Shakespeare to Showboats

A survey of the literature and history of European and American Theatre from Elizabethan England to the advent of Realism. Special emphasis is placed on the ways in which Theatre and other entertainment forms both reflected and shaped the cultures in which they were created; how conditions of production evolved over time; and the impact of race, class and gender on Theatre and Society.

Credits: 4

Core: Literature & The Arts

TH 211 - Costume Crafts

A survey encompassing elements of the design, history and execution of stage costumes, with special emphasis on the collaboration with the director and other designers, script analysis and various forms of research.

Credits: 4

Prerequisites/Restrictions: Majors Only (Will be open to all students for Open Registration).

Core: Literature & The Arts

TH 213 - Singing for the Actor

A beginning course in musical theatre performance. Students will learn basic techniques to communicate acting choices within a song. This course will also include a survey of musical theatre history, with special emphasis on current Broadway composers.

Credits: 4

Prerequisites/Restrictions: Permission of Instructor.

Core: Literature & The Arts

TH 220 - Designing for the Theatre

This is an introduction to design for the theatre. Collaboration with directors and other designers challenges us to find new and better ways of communicating. In this class we will concentrate on fundamental tools of communication used in the profession including written, drawn, drafted, rendered, modeled and orally presented work.

Credits: 4

Core: Literature & The Arts

TH 270 - Mainstage Production Practicum: Acting, Directing, Dramaturgy, Design

Allows students to earn course credit by participating in a Fine Arts: Theatre Mainstage production, by auditioning and being cast or serving as Assistant Director, Director, or Dramaturg. (The Dramaturg researches all aspects of the world of the play to enable the director, designers, actors, and audience members to understand it more fully.) Students attend all rehearsals and performances and submit all written work as required.

Credits: 2

Prerequisites/Restrictions: Permission of Instructor

Core: Literature & The Arts

Notes: May be repeated with permission of the instructor.

TH 273 - Production Practicum: Stage Management

Allows students to earn course credit by either assistant stage managing or stage managing a faculty supervised production, attending all rehearsals and performances and submitting all written work as required.

Credits: 2

Prerequisites/Restrictions: Permission of Instructor required.

Core: Literature & The Arts

Notes: May be repeated with permission of the instructor.

TH 275 - Production Practicum: Design

Allows students to earn course credit by either assisting a faculty designer or themselves designing scenery, costumes, lighting, or sound for the mainstage, attending rehearsals and production meetings as required, and turning in all appropriate design materials for evaluation upon completion of the project.

Credits: 2

Prerequisites/Restrictions: Permission of Instructor required.

Core: Literature & The Arts

Notes: May be repeated with permission of the instructor.

TH 309 - Directing

Explores the technical, visual, aural and analytical skills involved in the direction of plays. Students obtain experience in play analysis, stage movement, ground-planning, casting, rehearsing and performance. In addition, students gain preliminary knowledge of the history of play direction.

Credits: 4

Prerequisites/Restrictions: TH-207 or TH-213 or TH-351

Core: Literature & The Arts

TH 310 - Modern and Contemporary Theatre

A survey of the literature and cultural history of European and American theatre as reflected in plays and productions from the early Twentieth century to the present. Emphasis will be on significant innovations in a time characterized by social and political crisis and change. This class satisfies the writing intensive course for the major.

Credits: 4

Core: Literature & The Arts

TH 311 - Acting for the Camera

This is an introductory course about the art of film and television acting. Students learn how to communicate and feel at ease – whether doing an interview or reporting from the field. On-camera opportunities include audition techniques, commercial scenes, and interview skills. Students will focus on script analysis, responsive listening, physical and vocal economy, blocking and business, personalization and the close-up. Students will research and discuss the cultural impact that the media plays on our world today.

Credits: 4

Core: Literature & The Arts

TH 351 - Topics in Performance

This course offers students and faculty the opportunity to engage in intensive study and practice of a particular Theatre performance technique or topic. Past examples have included Auditioning, Alexander Technique, and Acting for the Camera.

Credits: 4

Notes: May be repeatable as long as topic is different.

TH 410 - Senior Seminar in Theatre

An advanced seminar in Theatre, culminating in a creative project (which could include acting, directing, designing, writing, and/or teaching).

Credits: 4

Prerequisites/Restrictions: Permission of Instructor required.

Core: Literature & The Arts

TH 450 - Theatre Tutorial

An independent project pursued in consultation with a Theatre Faculty Member. Depending on the scope of the project, this may be constructed as a half or full course.

Credits: Variable

Prerequisites/Restrictions: 3.0 GPA in TH Major and Permission of Instructor.

Core: Literature & The Arts

Notes: May be repeated with permission of instructor.

TH 497 - (IS) Independent Study/Research

Independent Study/Research courses are allowed by the college as a complement to regular class work for qualified students. These are variable credit experiences open to qualified sophomores, juniors, or seniors with a minimum 3.0 Cumulative GPA. It is the student's responsibility to coordinate with the faculty member who will supervise the Independent Study/Research. Independent Study/Research does not include Internships.

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Credits: Variable

Prerequisites/Restrictions: Sophomores, Juniors, or Seniors; Minimum 3.0 Cumulative GPA.

TH 499 - (INT) Internship

Qualified majors may apply for academic internships at a variety of off-campus sites including non-profit organizations, government agencies, healthcare practices and businesses.

Requirements may include selected readings, written reports, and an oral presentation.

Registration is through the Career Education Center and will require an appointment with a Career Coach. This meeting will lead to your permission to enter the Experience section of Handshake to complete the forms necessary to do your internship for academic credit. The process will take several weeks and needs to be completed prior to the start of the semester.

Credits: Variable

Prerequisites/Restrictions: Minimum 2.0 GPA.

Notes: May be repeatable.

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Associate Professor of Modern Languages and Literature

Richard L. VanderWeel, SSE, PhD

Professor of Philosophy

John C. Van Houten, PhD

Professor of Chemistry

Dennis W. Voigt, CPA

Associate Professor of Business Administration and Accounting

Norman E. Walker, CPA

Associate Professor of Business Administration and Accounting

Ke-wen Wang, PhD

Professor of History

Jody K. Willis, EdD

Associate Professor of Education

William E. Wilson, PhD

Professor of Political Science

Joan Wry, PhD

Professor of English

Student Life

On any campus, learning and growth occur both in and outside of the classroom. On a campus like Saint Michael's, where approximately 98 percent of the student population resides in residence halls, the sphere of student development gains a special significance. Just as faculty members are highly educated and dedicated to teaching, there is a special group of people on campus who are devoted to each student's intellectual, social, physical, and spiritual development outside of the classroom. Students experience a unique kind of caring and concern for all facets of their growth by the student life staff of Saint Michael's College. The following pages describe many of the services and activities available to the students of Saint Michael's. All of these services are designed to provide the type of support needed to enhance a student's college experience.

Orientation

The beginning of any new experience is exciting and tension filled, and starting college is a major transition in one's life. Saint Michael's College is concerned with giving new students the best possible introduction to campus life.

The College also offers optional summer programs (POW in June and SOAR in August). During each of these optional programs, new students are offered on and off campus experiences where they may learn more about life as a college student at Saint Michael's College. In addition, each of these optional summer programs is a great way to meet people who will be classmates and peers during the four years at Saint Michael's.

New Student Orientation is held in August prior to the first day of classes. These first days are reserved for learning about the abundance of resources and services available on campus. Faculty, staff, and student orientation leaders join forces to provide a comprehensive introduction to Saint Michael's. Students meet with their academic advisor to review their first semester course schedules and to discuss the academic opportunities and challenges that lie before them.

Programs for New Students

Saint Michael's College has a very strong commitment to provide a positive first-year experience for students. Student Affairs professionals, in collaboration with Residence Life staff members, coordinate an extensive program of workshops and activities to address the intellectual, social, emotional, physical, spiritual, and cultural development of all first-year students.

Residence Life

All full-time undergraduate students who do not reside with their families are required to live on campus. Exceptions may be made if space is not available on campus. In this case, seniors will have priority. The College cannot accommodate married or family housing requests during the academic year. Since approximately 98 percent of students reside on the campus, residence hall living is an important part of the years spent here.

Most students find the experience of sharing a room, living on a floor in a residence hall with many other people, and taking an active part in the residence hall community to be both challenging and fun. There is no course in residence hall living listed among the academic descriptions, but the lessons in human nature, the friendships developed, and the memories formed will last a lifetime. The Vice President for Student Affairs, Associate Deans, Resident Directors, and Resident Assistants are educators who are ready to help students make the most of their residence hall experience.

First-year students will generally reside in Alumni Hall and some suites (Cashman, Pontigny, or Canterbury Halls). Upper-class students reside in single gender suites located in Cashman, Pontigny and Canterbury halls or Aubin Hall. These buildings are composed of 4 or 8 person suites containing single bedrooms, bath and living room space, as well as lounges on each floor. Cashman, Pontigny, and Canterbury Halls have a common kitchen space on each floor. Canterbury Hall houses the GEAR (Global Experience Academic Residential) Housing, GREAT Housing, LGBTQIA+ Housing, Honors Housing, and GL & LR (Environmental) Housing programs. Though all of our halls are alcohol-free by virtue of state law and campus policy, we do provide an "alcohol-free" living option, GREAT Housing, for those

students who are committed to living in such an environment, and want to be surrounded by students with an equal commitment.

Apartment-style housing is available to upper class students in Cronogue Hall and the Townhouse areas. Cronogue features four single rooms and a bath, kitchen, and living room space in each unit. The Townhouse complexes offer apartment-style living for students in four, five, or six person units.

Student Health Services

The Nurse Practitioners are available to see students when they don't feel well or when they may have any medical related questions or concerns. We offer primary care, women's services, STI testing and counseling, travel health and vaccine information just to name a few. We also have a Psychiatric Nurse Practitioner that can help manage any mental health needs. We are all available by appointment and every visit is **completely confidential**.

Personal Counseling Services

The Office of Personal Counseling receives generous support for programs and initiatives from an endowed fund: The Rev. Maurice F. Ouellette, SSE '48 Opportunity Fund.

Culturally responsive individual and group mental health counseling, as well as workshops and consultations, are available for students through the Bergeron Wellness Center. We provide individual counseling by appointment and also have walk-in hours each weekday. We also provide group counseling and workshops based on the needs of students each year. Some examples of groups and workshops for students are: meditation and the practice of mindfulness, self-care related to anxiety and depression, body image support, grief support, substance abuse and recovery groups. All counseling services are confidential.

Food Service

Resident Dining Program

The Green Mountain Dining Room, located in Alliot Hall is an "all you care to eat" facility. A "Carte Blanch" meal plan offering unlimited access to the dining room is standard for all residence rooms without kitchens. There are no daily, weekly, or semester limits to the amount of times you may enter the dining room. The program is designed for our active student and the non-traditional schedules of college students. The dining room is open continuously from 7:15am - 8:00pm Monday - Friday, and 11:00am to 7:00pm on weekends, along with a continental breakfast on weekend mornings. The dining room offers a variety of food stations including pizza, pasta, soups, salad bar, grill, stir fry made to order, hot entrees, the chef's exhibition, and house made desserts. All meals offer choices for vegetarians, vegan diets, and gluten free diets. We also, in conjunction with health services, provide diets as required for medical reasons to our students and can provide a bagged meal option for those students who are unable to make it to the dining room due to class or work obligations.

Retail Food Services On Campus

Café Cheray, located on the first floor of the Cheray Science Center, is open 24/7 and serves a wide variety of "grab and go" food and beverage items. Sandwiches, salads, and desserts are prepared fresh daily and stocked in our self-service Vending machines. We also offer Starbucks drip coffee, Chai Tea and Hot Chocolate from our self-serve Vending machine.

Dion Student Center - On the main level of the Quad Commons complex, our newest location features a full-service *Einstein's Bagels* shop and the *Knight Stand Grill*. Open weekdays 7:30am to 2:00pm, Einstein's offers fresh baked bagels and pastries, the menu includes bagel sandwiches, soups, salads, and barista drinks. The Knight Grill offers quesadillas, chicken, and local Vermont beef hamburgers. Finish your meal with, or on its own, a fresh, warm, house baked cookie.

For more information on available meal plans or offerings, please call the Dining Service Office at 802-654-2201.

Office of Edmundite Campus Ministry

The mission of Edmundite Campus Ministry at Saint Michael's College is to share the Good News of the Gospel with the College community by facilitating encounter with Jesus Christ. We do this through the celebration of the Church's Liturgy, in programs promoting knowledge of the Catholic faith, by developing ecumenical and interreligious relationships, and providing retreats and other opportunities for personal spiritual growth.

The Catholic and Edmundite tradition upon which the College was founded is grounded in the conviction that all women and men are created in the image and likeness of God providing a special dignity unique to each person. Such dignity requires human life to be respected in all of its stages recognizing that we are all children of God.

Therefore, in its pursuit of furthering the Reign of God, the Edmundite Campus Ministry staff seeks to interact with and support every member of the College community in their search for Truth, contributing to the "enhancement of the human person and to the advancement of human culture in light of the Catholic faith."

Some of the programs and activities sponsored by Edmundite Campus Ministry include daily and Sunday Masses (including our Sunday night student Mass), the MOVE community service program, spiritual retreats, Scripture reflection, peer ministry, interfaith outreach, spiritual direction, pastoral counseling, sacramental preparation, and faith-sharing groups. Edmundite Campus Ministry also provides opportunities to participate in liturgical ministries such as lectors, Eucharistic ministers, altar servers and music ministry. Students receive Christian leadership training as the future leaders of the Church through our various programs. Our programs are designed to encourage everyone to reflect on their relationship with God and others, deepen their faith lives and experience life at its deepest, most meaningful level.

MOVE (Mobilization of Volunteer Efforts)

MOVE is a broad-based community service organization that is part of Edmundite Campus Ministry. The mission of MOVE comes out of the College's own mission to be a community of solidarity and service with each other and with all people, in the light of the Catholic faith. The goal of MOVE is to channel the talents, creativity and energy of our community into effective community programs that extend to the larger Chittenden County community and beyond. Foundational to the MOVE experience is service, justice, spirituality, and leadership. As such, our 19 service programs are coordinated and led by incredible student leaders.

MOVE programs respond to a variety of needs. Our work with elders, youth, people who are unhoused, the environment, animals, food security, and adults with intellectual and developmental disabilities are just a few of the many activities that MOVE coordinates through local service organizations. Additionally, a number of week-long service trips take place across the U.S. during academic breaks. MOVE welcomes all SMC students to engage in community service and social change opportunities.

Center for Student Diversity, Empowerment, and Community (D.E.C.)

The Center for Student Diversity, Empowerment, and Community at Saint Michael's College is part of the Office of Student Life and a branch of the Department of Student Affairs. The Center for Student Diversity, Empowerment, and Community reflects Saint Michael's commitment to a campus and a world that values every human being, and supports and celebrates their uniqueness, experiences and contributions. The Center contributes to the personal and intellectual development of all students. The Center realizes that exploring diversity and multiculturalism cannot be devoid of a historical framework or the historicity of race, class and ethnicities in a country that is arguably the most socially, racially and ethnically diverse in the world. We also recognize that achieving diversity on campus requires more than celebrating differences or similarities. Thus, we seek to engage, support, mentor, guide, and accompany those who identify as BIPOC, first-generation, and international students.

The Center offers the following services and programs:

Support for international, first-generation, and BIPOC students through advising and social, cultural and educational programming

Culturally affirming space to share experiences regarding race, ethnicity and other identities

Summer Orientation for Academic Excellence and Retention (SOAR).

BIPOC Womxn Affinity Group meetings

Men of Philo

The Center's staff consists of the Director/Associate Dean of Students, the Assistant Director/Assistant Dean of Students and a group of student staff during the academic year.

The Center also oversees some of the most important student-led organizations on the campus such as the Martin Luther King Jr. Society and Diversity Coalition.

The Martin Luther King Jr. Society is an inter-racial/intercultural group of students who provide educational and social opportunities to promote social justice and the principles of Dr. Martin Luther King Jr. The programs and activities they organize annually have seen large numbers of community members in attendance. Besides the many scholars and researchers they bring to campus, one of their most important programs is The MLK Day Convocation.

Diversity Coalition is a student-led organization dedicated to promoting cultural and global awareness and exposure on the Saint Michael's campus. It is a network of international and American students who work to raise awareness about issues related to culture and human difference by hosting international speakers, informal discussions, cultural celebrations, and scholarly forums. They work to provide educational sanctuary where concepts of multiculturalism and ideologically diverse perspectives and the individual intellectual with a new sensitivity, awareness and understanding for a global community. Amongst their annual programs are the International Festival, Chinese, African, Latin American and other cultural celebrations.

SMC1st is an organization that serves first generation college students through their recreational, educational, and peer-support social activities. The leaders of SMC1st are dedicated first generation students who want to provide support for their peers on campus.

The center enjoys a vibrant environment. It is a place where at any time you can find students from all ethnic, linguistic, and cultural backgrounds working on projects, planning activities, engaging in cross-cultural conversations, discussing current socio-economic and political issues, relaxing, playing video games, playing a piano, studying, reading, or having a confidential conversation with members of the staff.

Activities

Because students tend to spend a great deal of their time on the campus, weekends and evenings are often busy with a number of different activities. The activities and clubs available at Saint Michael's are as diverse as the students involved in them.

Students are assisted and supported in the planning and execution of many activities by the Student Activities Director. With this support, most planned events on the campus are conceived and carried out by the student body. A typical week could include a lecture, poetry reading, musical performance, comedian, and functions sponsored by our many academic clubs. Most weekends witness special events ranging from lectures and films to concerts and sporting events.

The Student Government Association is the official governing body of the Saint Michael's College student community. The Student Government Association (S.G.A.) has three major focuses: educational and social programming, college governance, and information exchange. The S.G.A. allocates funds for most of the student clubs and organizations on campus and works diligently to keep the lines of communication open between students and campus administration.

The Student Government Association allocates the funds collected via the student activities fee. There are a wide range of over 40 clubs that students have started. These clubs run the gamut of interest from the arts, social activism, sports and fitness, and academics. Funding for the campus newspaper, The Defender, is also derived from the student activities fee. The Defender is a weekly campus newspaper with print and online editions.

Through educational, social, and cultural programming, Saint Michael's College works to raise awareness of cultural diversity. In addition to events, the College has supported the creation of the Martin Luther King Jr. Society and the Diversity coalition in order to promote harmony and understanding. These student-run organizations sponsor social events, workshops, lectures, and discussion sessions which are open to all members of our community.

The Saint Michael's College UpLIFT program enhances and diversifies the student experience through a myriad of opportunities including workshops, presentations, leadership opportunities and interactions with students, faculty, staff, alumni and the greater community. Participants develop self-awareness, understanding and cultural competency while learning to live honestly, respectfully and inclusively as they Do Well and Do Good during their time at Saint Michael's College and beyond. Students who attend "earn" opportunities to enter raffles for prizes that could range from a \$5 gift certificate to a top pick in the room lottery process. Saint Michael's staff, faculty, and students are committed to celebrating differences in order to make the community a better place in which to live.

Volunteer work is an integral part of the lives of many Saint Michael's students. It is estimated that over 700 students are involved in volunteer programs each year. One of the best known groups of student volunteer is our Fire and Rescue Squad. These highly trained students provide emergency medical care and transportation not only for members of the Saint Michael's community, but also for residents of surrounding towns and villages. On duty 365 days a year, these dedicated men and women make over 1,200 calls annually.

Athletics

Saint Michael's College sponsors athletic activities on the varsity and intramural level for both men and women. The Vincent C. Ross Sports Center is a topnotch facility with a 1,800- seat gymnasium and a six-lane swimming pool with a one-meter diving board. Playing fields including artificial turf and natural grass fields, outdoor tennis courts, and running trails provide plenty of space for athletic activities. The Tarrant Recreation Center houses facilities for all students to use. It includes courts for racquetball and squash, four basketball, tennis/volleyball courts, a one-eighth mile elevated running track, fitness center, weight room, and dance/ aerobic studio. In addition, the center has locker rooms, office space, team media room, climbing wall, and Athletic Hall of Fame Conference Room.

The College sponsors a 21- sport NCAA Division II varsity athletics program, and holds membership in the Northeast-10 Conference (NE10), the New England Woman's Hockey Alliance (NEWHA0, and Eastern Intercollegiate Ski Association (EISA). Men's varsity sports include baseball, basketball, cross country, golf, ice hockey, lacrosse, skiing (alpine and nordic), soccer, swimming & diving, and tennis. Women's varsity sports include basketball, cross-country,

field hockey, ice hockey, lacrosse, skiing (alpine and nordic), soccer, softball, swimming & diving, tennis, and volleyball.

Saint Michael's has a long history of competing against some of the best teams in the East. Members of the Northeast-10 are: Adelphi, American International, Assumption, Bentley, Franklin Pierce, New Haven, Southern New Hampshire University, Pace, Saint Anselm, and Southern Connecticut State University.

Recreational Sports Program

Saint Michael's College offers the college community the opportunity to participate in a variety of recreational activities. These activities allow participants to grow through the development of important skills, such as teamwork, endurance, and cooperation, that will follow them throughout life.

Within the Ross Sports Center and Tarrant Recreation Center, there are many areas where students, faculty, and staff can take advantage of the different recreational and fitness aspects of the facility. There are racquetball and squash courts, four basketball/volleyball/tennis courts, natural rock climbing wall, elevated 1/8 mile track, fitness/free-weight room, dance/aerobics studio, and a six-lane swimming pool.

The recreational sports program allows students, faculty, and staff to take part in many programs. The program is designed to meet competitive and recreational interests through a wide variety of activities such as basketball, volleyball, floor hockey, and soccer. An individual's skill level is not as important as the player's desire to participate and enjoy the intramural experience of good fun and sportsmanship.

The recreational sports program also offers many instructional programs.

Adventure Sports Center

It is the mission of the Saint Michael's College Adventure Sports Center to enhance the liberal arts experience and contribute to the individual development of students through access to state of the sport adventure sports training and co-curricular adventure sports programming. Adventure Sports trainings and programs include sea kayaking, whitewater kayaking, canoeing, mountain biking, rock climbing, ice climbing, mountaineering, day hiking, backpacking, backcountry skiing and snowboarding, wilderness medicine, leadership training, as well as international climbing, trekking and paddling expeditions. In addition to programming, we offer an extensive rental program, spring break excursions and the popular Learn to Ski/Snowboard program. Our office also facilitates the Sugarbush Season Pass Program and the Petra Cliffs Climbing Center Pass. The Adventure Sports Center offers something for every ability level.

Financial Information

The following tuition and fees are required of all full-time students. The amounts shown are for the full academic year, half of them due at the beginning of each semester (August and January). Students will not graduate or receive grades or transcripts of records unless all financial obligations have been met.

Saint Michael's reserves the right to change various prices and policies without prior notice. The College will, however, make every effort to notify schools, students and prospective students of significant changes.

Undergraduate Tuition and Fees

Deposits—When a student is accepted for matriculation at Saint Michael's College he/she will be asked to make a guarantee deposit of \$500 within a specified time after receiving notice of acceptance. This deposit will be applied to the initial semester's tuition bill. *This fee is not refundable.*

Annual College Expenses (Academic Year 2022-2023)

Tuition (all students)	\$47,640
Comprehensive Fee	\$2,400

Residence Fee – Traditional Residence Hall (Alumni). Includes unlimited meal plan	\$16,495
Residence Fee – Traditional Residence Hall (Upgrade to Single Occupancy - Lyons). Includes unlimited meal plan	\$18,320
Residence Fee –Residence Hall Suites (Cashman, Pontigny, Canterbury). Includes unlimited meal plan	\$17,670
Residence Fee – Aubin Hall. Includes unlimited meal plan	\$18,320
Residence Fee – Townhouse & Apartment Doubles. Includes Block-40 meal plan	\$12,705
Residence Fee – Townhouse & Apartment Singles (Townhouses 200s, 300s, & 400s). Includes Block-40 meal plan	\$13,805
Residence Fee – Cronogue Hall. Includes Block-40 meal plan	\$14,530

Tuition

Students registered for 12 credit hours or more are considered full-time students and their estimated expenses are listed in the fee schedule. **Students registered for less than 12 credits and living off campus are charged per credit. This charge is \$1,530 per credit.** On-campus residence is normally made available to full-time students only. Students residing on campus, even if in part-time status, will be required to pay the full-time tuition rate.

Registration for credit hours in excess of 18 is rare and must be approved by the Associate Dean of the College. Any non-first-year student with a cumulative grade point average of 3.7 or higher may petition the Associate Dean of the College to take more than eighteen credits at a flat charge of \$600. This charge will be waived for overload credits in musical performance (MU 261/262, MU 361/362, MU 372, MU 374, MU 375, MU 377, MU 378) and/or Military Studies (MS).

Residence Fees

For the traditional residence facilities (Alumni, Ryan, Lyons), the Residence Hall Suites (Cashman, Canterbury, Pontigny) and Aubin Hall, the Residence Fee as listed above. This includes an unlimited number of meals in the dining hall.

For on-campus apartment facilities (Ethan Allen Apartments, all Townhouses and Residence Hall 4), the Residence Fee as listed above includes the Block-40 meal plan which provides 40 meal swipes per semester. Students living in the apartment facilities may pay to purchase the unlimited meal plan for \$5,150 per year (\$2,575 per semester) in addition to the residence fee listed.

Fees

Some courses or programs involve extraordinary time, facilities or supplies by the institution. These may include laboratory sciences, journalism, psychology, music, studio art, private lessons (Cooperating Artists) and independent study/research. Students enrolling in some of these courses are charged additional *course-related fees* to help defray costs. Applicable fees appear with each semester's course schedule.

There is a *Comprehensive Fee* of \$2,400. All full-time students and all students residing on campus are charged the comprehensive fee. This fee is prorated for those living off campus and are less than 12 credit hours.

Health Insurance

Saint Michael's College requires that every student enrolled for 12 or more credits, or housed on-campus, have medical insurance coverage—either a personal policy, or the one offered by the College. The Saint Michael's Student Health Insurance plan is administered by Consolidated Health Plans. Premium rates and plan coverage and benefits are set annually. Visit <https://www.studentinsurance.com/Client/902> for premium and summary of benefits and coverage. The College reserves the right to adjust the rate when policy changes occur.

Students are automatically enrolled in the Saint Michael's Student Health Insurance program without exception unless they are already covered under another policy. In that case, students can activate a waiver of the purchase of the SMC student medical insurance by completing the Medical Insurance Waiver Form, by the published deadline. Waiver cards from prior years do not carry forward. No other documentation is acceptable as proof of alternative coverage.

Textbooks and Supplies

Students are responsible for purchasing their own textbooks and supplies which are available in the Saint Michael's College Store. The estimated cost of all textbooks and supplies for the academic year is approximately \$1,200. This amount will vary according to each program of study in which the student is enrolled.

Payment of Fees

Saint Michael's College payment policy calls for all charges to be paid in full by the due date reflected on the billing statement, or at the very latest, prior to the first day of classes. Accounts with past due status may prevent a student from registering for subsequent semesters.

It is important to note that balances may change over the course of the semester as new charges are added for such things as lab fees, damage charges, traffic fines, etc. so please check your student account often in KnightVision to

keep abreast of any changes that may cause additional charges. Any correspondence about students' bills will be sent to their SMC email addresses, as this is our primary method of communication.

The student may authorize one or both of their parents to be granted access to their billing portal. This is done online, from their KnightVision portal. It is also possible to add a third party individual, aside from a parent. Details located on our website here <https://www.smcvt.edu/admission-aid/financial-aid/billing-payment/proxy-account-access/>

Colmery Act Section 103

Any covered individual, is permitted to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a certificate of eligibility can also include a "Statement of Benefits" obtained from the Department of Veteran Affairs (VA) website – eBenefits, or VA 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates:

1. The date on which payment from V A is made to the institution,
2. 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

Saint Michael's College will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

Payment Options

Visit the Student Financial Services website at smcvt.edu/finaid to review payment and payment plan options.

Refund Policies for Enrolled Students

Credit balances for enrolled students will be issued as refunds to students as they appear on accounts. Refunds are processed as checks and mailed to the current address on file for the student if they have not entered their banking information into their KnightVision account. If they have entered their banking information into their KnightVision account, then the refund will default to being issued as online ACH deposits. For accounts with Title IV monies in excess of allowable charges, the excess funds will be refunded to the student within 14 days.

Refund and Balances Due Policies for Withdrawn Students

Students who withdraw or take a leave of absence during the semester will be eligible for a refund of tuition, residence fee, and other fees, if applicable in accordance with the following schedule. Students will also be responsible for paying in full any outstanding balances on their account as part of the withdrawal process.

Length of Enrollment	Percentage Refunded
Prior to the first day of class	100%
Within the first week of classes	90%
Within the second week of classes	75%

Within the third week of classes	50%
Within the fourth week of classes	25%
After the fourth week of classes	0%

Weeks are measured from Monday through Sunday when classes begin on Monday. When classes begin on Tuesday, the week is measured from Tuesday through Monday. Withdrawals must be approved by the Associate Dean of your College and processed through the Registrar before refunds will be processed. Students offered a Saint Michael's College scholarship or grant will forfeit a percentage of their award equal to the percentage at which the tuition charges are refunded. Students with Title IV federal aid, who withdraw before the 60% point of the semester, will have their federal aid recalculated according to the Federal Return of Title IV Aid policy. Students may be eligible to receive some of the federal aid based upon the percentage of the term completed. Saint Michael's College may be required to return Federal Funds, they will be returned in the following order: Federal Direct Unsubsidized Loan, Federal Direct Subsidized Loan, Federal Direct Graduate Plus, Federal Direct Parent Plus, Federal Pell Grant for which return is required, Federal Supplemental Education Opportunity Grant for which return is required, Iraq/Afghanistan Service Grant for which return is required. In some cases, students may owe Saint Michael's College a balance due as a result of the returned federal aid.

The last day of the add/drop period is the last day a student may add a class, and the date after which the student is "in" the class for the semester. If a student withdraws from a class after the add/drop period, the class will appear on the student's academic record. Remaining enrolled beyond this date confirms the "purchase" for the entire semester. If a student formally withdraws within the subsequent two weeks, he or she will receive a grade of "WD".

Tuition Refund Insurance

As a St. Michael's student or family member, you may want to consider Tuition Refund Insurance through GradGuard. This elective coverage can minimize the financial impact of a full medical withdrawal for a covered medical reason.

Enroll at gradguard.com or call GradGuard at 877.556.3984. Please note the Tuition Refund Insurance must be purchased prior to the first day of classes.

Collection Policy

Saint Michael's College requires payment in full prior to the beginning of classes. Those accounts with a past due balance will not be allowed to register for subsequent semesters. If a student separates from the College with a past due balance, without making payment arrangements with the Student Financial Services Office, the account will be subject to collection procedures. Collection activity may include referral to a collection agency, reporting to credit bureaus, denial of future Saint Michael's aid, and denial of all College services including access to classes. To the extent permitted by Vermont law, which shall govern and control this document, associated collection costs, including reasonable attorney's fees and fees of any collection agency will be charged up to but not to exceed applicable Vermont law and will be the responsibility of the account holder. Diplomas of graduating students will not be released and requests for grades and transcripts will not be honored until the account is fully paid.

Financial Aid

Meeting the cost of a private college education is a challenge for many students and their families. While the primary responsibility for meeting the expenses of an undergraduate education rests with the student and family, Saint Michael's College offers a variety of resources to assist with financing.

The Office of Student Financial Services administers federal financial aid programs that include Federal Direct Student Loans, Federal Plus Loans, Federal Grants (Pell, SEOG), and Federal Work-Study. This office is also charged with administering institutional undergraduate scholarship and grant programs as well as undergraduate state scholarships.

Application Procedure for Financial Aid

Entering First-Year Students

To apply for financial aid at Saint Michael's College for the 2023-2024 award year, a student must submit the Free Application for Federal Student Aid (FAFSA). To ensure consideration for all available funds, the FAFSA should be submitted as soon as possible after Oct 1, 2022:

Other documents may be requested by the Office of Student Financial Services as needed:

Students should not wait for an admission decision from Saint Michael's College before filing these financial aid documents. You must list the school code for Saint Michael's College on the FAFSA: 003694

Returning Undergraduate and Graduate Students

If you would like to be considered for federal assistance from Saint Michael's College, you need to file the Free Application for Federal Student Aid (FAFSA). To ensure priority consideration for all available sources of aid, submit the 2023-2024 FAFSA prior to March 01, 2023. You (and your parents, if you are a dependent student) can file the renewal FAFSA on-line at www.fafsa.gov. In addition to submitting the FAFSA, you must also submit any requested documents to our office. To ensure consideration for all available sources of aid, submit requested materials to our office as soon as possible.

Types of Aid

Your financial aid award may include funds from several sources. Federal financial aid is awarded on the basis of information you and your family provided on the Free Application for Federal Student Aid (FAFSA). These may include a combination of grants, loans and work study.

Federal Supplemental Educational Opportunity Grants (SEOG): Saint Michael's College makes these grants available from federal funds to students with the highest level of need. The grants are renewable as long as need continues and funds are available. Students must be Pell Grant eligible to receive SEOG.

Federal Pell Grants: The Federal Pell Grant is a federal program, which provides grants to eligible students attending institutions of higher learning. Grant amounts vary from year to year based on a schedule set by the U.S. Department of Education, and the Expected Family Contribution (EFC).

Federal Work Study: This program provides opportunities for students to work on campus. Eligibility is based solely on financial need and the availability of positions. The average time commitment is from six to eight hours each week. Your award is the maximum amount you are permitted to earn from the Work-Study Program during the semester.

Federal Direct Loans are low-interest loans for students and parents to help pay for the cost of a student's education after high school. The lender is the U.S. Department of Education rather than a bank or other financial institution. The Federal Direct Loan Program offers the following types of loans:

- **Subsidized:** Eligible students file the FAFSA and with demonstrated financial need, as determined by federal regulations. No interest is charged while a student is in school at least half-time, during the grace period, and during deferment periods.
- **Unsubsidized:** Students must file a FAFSA to apply, but Unsubsidized Direct Loans are not based on financial need. Interest accrues during the time a student is in school and during grace and deferment periods.

- PLUS: Federal loans for the parents of dependent students and for graduate/professional students. PLUS loans may pay for education expenses up to the cost of attendance minus all other financial assistance. Interest is charged during all periods.
- Interest rates can be found at studentaid.gov

State Scholarships and Grants:

Many states offer scholarships or grants, which can be used at Saint Michael's College. More information about the awards and separate application procedures can be obtained from your high school counselor or the appropriate state agency.

Satisfactory Academic Progress

Introduction

Recipients of institutional, federal and certain state aid, must meet Satisfactory Academic Progress (SAP) requirements. An institution must have a written SAP policy which is available to all students. The SAP policy must be the same as or more strict than the academic policy applied to students in the same program who are not receiving federal student aid.

An institution's SAP policy must include a quantitative measurement (maximum time frame and pace of completion), qualitative measure (GPA), and must specify the regular intervals when SAP is measured (not less than once annually). The policy must address the treatment of remedial, ESL, audited and pass/fail credits as well as incompletes and withdrawals and credits earned by transfer or consortium agreement. Finally, a SAP policy must address how pursuit of a second degree or a change of major impact eligibility.

Applicability

This policy applies to all undergraduate students and applies to institutional, federal and state grants/scholarships or private/outside loans, grants and scholarship which specifically require that the student maintain Satisfactory Academic Progress.

Quantitative Standard

Maximum Time-Frame

For an undergraduate program, the maximum time frame cannot exceed 150% of the published program length in credit hours attempted.

Undergraduate programs at Saint Michael's College require 128 credits for graduation and the maximum timeframe is therefore 192 attempted credits.

In the event that a student's program requires more or fewer than 128 credits (for example based on an earlier catalogue year), the maximum timeframe is determined by multiplying the number of credit hours required for graduation by 150% and rounding down to the nearest whole integer.

The maximum timeframe is not extended for students who change majors, pursue a double major and/or minor or double minor.

Pace

Undergraduate students must earn at least 67.00% (cumulative) of the credit hours they attempted.

Attempted Credits

A credit hour is considered attempted if the student was officially registered for the credit at the conclusion of the drop/add period for the applicable term except that:

- Retroactively added credit hours, added after the conclusion of the drop/add period are considered attempted;

- A credit is not considered attempted if a student is officially registered for a credit hour at the conclusion of the drop/add period for the applicable term but the course professor or Dean's office subsequently certifies that the student never attempted the course and the course is retroactively dropped.

Qualitative Standard

Students must maintain at least the minimum cumulative grade point average (GPA) specified below based on the number of credits completed:

- 1.80 GPA required up to 32 credits completed
- 2.00 GPA once 33 or more credits are completed

Additionally, students must maintain at least the minimum cumulative grade point average (2.0 GPA) consistent with the College's graduation requirement after the end of the second academic year attended.

Treatment of Incompletes, Withdrawals, Audits, Pass/Fail, Repeated, Transfer, Consortium and Remedial Courses

Incompletes and Withdrawals

Grades of I and W are counted as courses attempted but not earned when calculating pace of completion and these courses also count toward the maximum timeframe

Audited Courses

Students do not earn any academic credit for audited courses. They do not count in the calculation of GPA, attempted or earned credits. Financial aid is not available to assist with courses taken for audit.

Pass/Fail Courses

These hours count toward the total attempted and, if passed, earned hours. They do not impact a student's GPA.

Repeated Courses

A course is repeated when a student takes the same course, with the same content, more than once. Content, not course subject, number and title, determines whether a course is being repeated. (For example, a student who takes Classics 096/Special Topics in the fall and spring terms is not repeating the course if the fall course studies Plato and the spring course studies The Aeneid.) In cases where the course subject and number repeat but new content is provided, the course is not considered to be repeated and all attempts of the course are included when calculating a student's GPA and attempted and earned credit hours.

When a course is repeated:

- The credit hours for both attempts are counted in the GPA calculation;
- The credit hours for both attempts are counted in the calculation of attempted credits;
- A student may not earn credits twice for the same course - therefore:
 - If a student successfully passes both attempts, the calculation of earned credits includes only one attempt;
 - If a student successfully completes neither attempt, the calculation of earned credits includes neither attempt.
 - If a student successfully completes one attempt, the calculation of earned credits includes only the successful attempt.

Transfer/Consortium Credits

Transfer credits are counted as hours attempted and earned. Transfer credits are not factored when calculating a student's GPA.

Credits earned before enrolling in a degree program

Credits taken while a non-degree student at Saint Michael's College but which apply toward a student's undergraduate degree are included in the calculation of a student's attempted and earned credits and when calculating a student's GPA.

Remedial and ESL courses

These hours count as both attempted and, if passed, earned hours, as well as in the GPA calculation

Process

SAP Evaluations

Each financial aid recipient's progress is reviewed once annually, at the conclusion of the spring term. Students are measured against both the qualitative and the quantitative standards. Students are responsible for notifying Student Financial Services of any grade changes which occur after grade processing and satisfactory academic progress evaluations are complete.

If a student is not meeting the standard, the student's eligibility for financial aid is terminated. The student is notified that his/her eligibility has been terminated. Notification is also provided to the Associate Dean of the College. The notice provides students information about the SAP standards and how the student can appeal the decision to terminate his/her aid eligibility.

If a student was placed on probationary status based on a previous appeal, their progress will be reviewed after each term to verify that s/he is meeting the conditions of his/her academic plan.

Financial Aid Probation

Financial Aid Probation status is assigned to a student who has failed to meet the Satisfactory Academic Progress standards and whose financial aid eligibility has been reinstated based on a successful appeal. During a period of Financial Aid Probation, a student who meets all other eligibility requirements remains eligible for federal and institutional aid. When a student's appeal is granted, Financial Aid Probation is granted for one or more terms based on an academic plan provided as part of the student's appeal. Students remain on Financial Aid Probation provided they comply with the terms of their academic plan.

Academic progress of students on Financial Aid Probation is reviewed each payment period to ensure that the student continues to meet the terms of his or her academic plan. If a student continues to meet the terms of his or her academic plan, his or her Financial Aid Probation continues. If s/he is not meeting the terms of his or her academic plan, his or her eligibility for financial aid is terminated.

Appeals

Students may appeal a termination of financial aid based on failure to maintain Satisfactory Academic Progress based on special circumstances. Students are advised to appeal within 60 days of the date of their termination notice. All appeals must be submitted using the Satisfactory Academic Progress Appeal Form. On the appeal form the student must clearly document why the student failed to meet the Satisfactory Academic Progress standards and what has changed that will allow the student to meet the standards. In addition, the student must include an academic plan which indicates the specific actions the student will take to meet the standard and when the student will meet the standard.

If the student will not meet the SAP standards at the end of the next payment period, the academic plan must show the specific GPA and completion rate benchmarks a student will meet each payment period until s/he meets the SAP standards. Complete appeals along with the academic plan and supporting documentation should be submitted to Student Financial Services.

If the appeal is granted, the student will be placed on Satisfactory Academic Probation contingent upon successful completion of the academic plan provided as part of their appeal. The student shall remain on probation provided they comply with their academic plan, until they are meeting the College's Satisfactory Academic Progress standards.

If the appeal is denied, the student can continue to attend the College, but it would be without financial aid.

The student will be notified of the outcome of the appeal via their St. Michael's College email in approximately 10 to 14 business days after receipt of the Satisfactory Academic Progress Appeal Form.

Reinstatement of Financial Aid Eligibility

A student whose financial aid eligibility has been terminated for failure to maintain Satisfactory Academic Progress and who is subsequently found to be meeting the SAP standards and who meets all other eligibility requirements shall regain eligibility for federal student aid, but not retroactively.

Saint Michael's College Scholarship and Grants

Grants:

Edmundite Grant

The Saint Michael's Edmundite Grant is a need-based grant awarded in consideration of financial need as determined by the FAFSA (Free Application for Federal Student Aid), other financial resources for which the student is eligible and academic merit.

Students admitted for Fall 2023 who submit the FAFSA will be automatically considered for the Edmundite Grant. The FAFSA is the only application required to be considered for need-based aid at Saint Michael's. Submit the 2023-24 FAFSA as soon as possible after October 1, 2022 and before our March 1, 2023 priority deadline.

Unlike our merit scholarships which are automatically renewed each year for students enrolled full time in good standing, Edmundite Grant awards and eligibility are re-evaluated annually and may change based on changes to your financial need as determined using the FAFSA. Below are some of the items that are taken into consideration in determining eligibility for the funds.

- Any changes/corrections to the information reported on your FAFSA;
- Receipt of Federal or State Grants not listed in your financial aid offer or changes from estimates listed on your financial aid offer;
- Receipt of tuition remission, tuition exchange; Veterans Educational Benefits or any other full-tuition scholarship;
- Receipt of additional grant or scholarship awards from Saint Michael's College
- Receipt of local scholarships which when combined with other grants, scholarships and need-based funds, exceed your financial need as determined based on the FAFSA.

To ensure consideration for the Edmundite Grant award, be sure to submit the FAFSA online at **studentaid.gov** each year after October 1st and before our March 1st priority deadline for the following school year.

Campus Visit Grant

Students who make an official visit to Saint Michael's College between April 1 of their sophomore year and May 1 of their senior year are awarded a \$1,500 Campus Visit Grant, applied toward full-time tuition, when they enroll.

In addition to visiting campus, an eligible student must gain acceptance to Saint Michael's College and submit an enrollment deposit by May 1 of their enrolling year. The grant is renewable for four years if the student remains enrolled full-time and in good standing.

Please note: Students whose full tuition is covered by a full-tuition scholarship, tuition remission, VA education benefits or a combination of scholarships which meet or exceed full tuition are ineligible for the Campus Visit Grant.

FAFSA Completion Grant

Saint Michael's College offers a \$1,000 grant to all students who apply, or are enrolled at Saint Michael's College and have completed the FAFSA.

To receive the FAFSA completion grant students need to:

- Submit the FAFSA by the deadline
 - Early Action 1 and Early Action 2 Applicants – December 1
 - Regular Decision Applicants – March 1
 - Current students – March 1
- Students must submit the FAFSA every year to continue to receive this grant

Family Grants

This grant is awarded when two or more dependent children of the same family are simultaneously enrolled as full-time students during a given semester in the undergraduate program at Saint Michael's College. A \$6,000 grant (\$1,500 per semester) will be divided equally among the two children attending Saint Michael's College. When a third child attends Saint Michael's College simultaneously, the grant shall be \$9,000, divided equally. If any sibling is receiving a full tuition scholarship, he/she is not eligible for the Family Grant.

Nominate a Future Knight Grant

Alumni are invited to nominate a student whom they believe to be a good fit for Saint Michael's College. Nominees will receive a \$1,000 grant for each of their four years if they enroll at Saint Michael's College.

- Nominations must be received **by December 1 of the student's senior year of high school** to qualify for the \$1,000 grant.
- Each student is eligible to receive one grant valued at \$1,000 (even if he or she has been nominated by more than one person).
- A student who is eligible for employee remission or who receives the Tuition Exchange benefit is not eligible for this grant.

The Home State Promise Grant for Vermont Residents

At Saint Michael's College, we're a community of students, faculty and staff who work together and truly care for each other. To that end, we're dedicated to helping you finance your college education so you can call St. Mike's home. Home means family and our students are at the heart of ours.

With our location in Vermont, we have a special opportunity for students who are residents of our beautiful Green Mountain State. Through our Home State Promise, joining the Purple Knight family is more affordable than ever.

With the Home State Promise:

- New incoming students who are Vermont residents will be guaranteed Saint Michael's scholarships and grants totaling a minimum of \$27,000 per year.
- You can supplement your costs further by applying for the Vermont Student Assistance Corporation's Vermont Grant. [Apply for the grant here.](#)
- Our Office of Student Financial Services is happy to work with you to gather the most up-to-date information and match you with all the aid for which you qualify.

*You must file the Free Application for Federal Student Aid (FAFSA) and you'll be considered for the full range of federal and Saint Michael's need-based aid to ensure that a Saint Michael's education is affordable for you and your family.

*The Home State Promise is only available to first year and new transfer undergraduate students.

Scholarships:

Purple & Gold Scholarships

All accepted first-year undergraduate students are automatically considered for generous merit-based scholarships in recognition of academic achievement and promise. The Purple & Gold Scholarships range from \$17,000 to \$30,000 a year. A student's complete academic record is considered when determining eligibility for these awards, including high school GPA, strength of schedule, and SAT/ACT scores (if submitted). The Admission Committee also considers commitment to service, leadership, work ethic, school/community engagement, and ability to overcome obstacles in their merit aid decision-making. Test scores are NOT required for merit scholarship consideration.

In addition to our Purple & Gold awards, the College offers special merit-based scholarships that require nomination. Each student can be awarded only one scholarship. If a student were to qualify for more than one, the more prestigious scholarship or highest scholarship amount would be awarded.

Merit Scholarships are awarded toward full-time tuition at Saint Michael's College and may be adjusted if students are eligible for Veterans Benefits, Employee Remission or other Tuition Benefits, including Tuition Exchange. For students in the 3+2 Engineering or 3+4 Pharmacy Programs, scholarships are awarded for a maximum of 3 years since after their third year at Saint Michael's College, students in the 3+2 Engineering or 3+4 Pharmacy programs register for and take courses through a different college or university to complete their degree.

Presidential Scholarships

The Presidential Scholarship is a special award reserved for Vermont's top students attending Saint Michael's College. Awards begin at a minimum of \$15,000 and go up to full-tuition. The Presidential Scholarship can be renewed each year for a maximum of four years* of full-time enrollment in good standing.

To be eligible for the Presidential scholarship, students must be nominated by a Vermont high school and meet the following requirements:

- A- average or higher in a challenging college preparatory high school curriculum;
- Top 10% of graduating class;
- Combined 1300 SAT (two-section SAT taken after March 2016) or 27 ACT test scores or higher.

In addition to SAT/ACT scores, GPA and curriculum, scholarship applicants will be evaluated based on their leadership qualities, commitment to community service and potential to contribute to the Saint Michael's community. Students who do not wish to submit test scores (which are optional in the admission process) should understand that they will be competing with applicants who do submit test scores

Book Award Scholarships

The Saint Michael's Book Award Scholarship recognizes students who exhibit the characteristics of the ideal Saint Michael's student: Strong academic achievement and a strong social conscience. This is a national scholarship for which high schools across the country are eligible to nominate two students in the spring of their junior year that they feel best fit these characteristics. Book Award Scholarships range from \$17,000 to full-tuition annually for 4 years, depending upon academic achievement. The amount of the Book Award Scholarship is not determined until a student's

complete application and academic record have been reviewed. As a premier Saint Michael's academic scholarship, the Book Award supersedes any other Saint Michael's merit scholarship.

School counselors interested in nominating a current high school junior for the Book Award should **contact us** for full details about the nomination process.

Athletic Scholarships

Athletic scholarships are offered in a variety of varsity sports. The names of possible recipients will be submitted to Student Financial Services by the Director of Athletics. The Office of Student Financial Services will inform students of athletic aid by sending a Financial Aid Agreement to incoming students and a renewal agreement to returning student athletes.

The Tuition Exchange Scholarship

Students whose parents are employed by institutions of higher education that participate in The Tuition Exchange Plan apply for Tuition Exchange Scholarship Funds. Those students should check with their parent's place of employment to initiate the application process. Tuition Exchange Scholarship funds are awarded on a competitive basis. For 2023-24, the Tuition Exchange Scholarship is valued at \$42,000 per year.

Military Scholarships:

Air Force ROTC Scholarship

Scholarship for students enrolled in the **Norwich University Air Force ROTC program**. Interested students may contact the Air Force ROTC Office at Norwich University at 802.485.2460.

Army ROTC Scholarship Program

Army ROTC scholarships are available to qualified applicants. For information regarding the scholarships contact the offices of the Department of Military Studies, located at the University of Vermont, 128 University Heights, Burlington, Vermont. Telephone 802-656-2966 or e-mail at goldbar@uvm.edu. Saint Michael's College offers incentives along with these scholarships. Please contact the Office of Student Financial Services for details.

Endowed and Donor Supported Scholarships:

Saint Michael's endowed and donor supported scholarships are made possible thanks to the generosity of the College's many alumni, parents, friends and supporting foundations who pledge to fund a portion of the selected recipients' merit award from the college. Many endowed scholarships are awarded based on academic achievement and financial need so all students are encouraged to submit the Free Application for Federal Student Aid (FAFSA) at **fafsa.gov** to ensure consideration for all available sources of funding. Except for the Fairbanks and Paulin scholarships listed below, no separate application is required to be considered for donor supported scholarship funds.

Fairbanks Scholarship

Renewable scholarship awarded to Fine Arts majors. Both a formal declaration of a major in Art, Music or Theater and an audition or interview are required by April 15 (prior to fall entrance). Contact Professor Nathaniel Lew in the Fine Arts Department at nlew@smcvt.edu for information.

Paulin Scholarship

Renewable scholarship awarded to Fine Arts majors. Both a formal declaration of a major in Art, Music or Theater and an audition or interview are required by April 15 (prior to fall entrance). Contact Professor Nathaniel Lew in the Fine Arts Department at nlew@smcvt.edu for information.

The Class of 1963 Endowed Memorial Scholarship (2013) provides unrestricted scholarship support to students who have demonstrated financial need. This scholarship was established by Gary Farrell '63 and Ed Dilworth '63, along with support from fellow classmates, in memory of their deceased classmates and in honor of their 50th reunion.

The Class of 1971 Jim O'Connor Endowed Scholarship (2014) was established by the Class of 1971 to honor their beloved classmate. James "Jim" O'Connor '71 enriched the lives of his classmates with his intelligence, grace and courage, all blended with a unique sense of humor. Jim earned the respect and admiration of his classmates as he met the daily challenges of Cerebral Palsy with sheer grit and determination while being the total Saint Michael's student. This scholarship is intended to support other students' access to the Saint Michael's experience, with preference given to students who have mobility issues related to a long-term physical disability.

The Class of 1989 Memorial Award (1989) was established by the Class of 1989 in memory of Brian Varjabedian, Jeff Houstin, and other deceased classmates. Preference is given to seniors who have been involved in either campus or other community activities.

The Class of 1990 Norbert Kuntz Memorial Scholarship (1990) was established through the generosity and love of his family, friends, and the Class of 1990 to honor Saint Michael's professor and historian Dr. Norbert Kuntz. This scholarship is awarded to a junior or senior with high academic achievement and potential. Preference is given to a History or American studies major who is involved in community activities.

The Class of 1993 Memorial Scholarship (1993) was established as a Senior Class Gift in memory of the deceased members of the Class of 1993. This scholarship is awarded each year to a student, preferably a senior, who has maintained a minimum overall GPA of 2.5 and who demonstrates financial need. Emphasis should be placed on extracurricular involvement, community service, and academic achievement.

The Class of 1995 Scholarship (1995) was established through the generosity of the Class of 1995, and their family and friends, in memory of their deceased classmates. The award is a partial tuition scholarship and is awarded to a sophomore with a minimum 2.5 GPA and financial need. Preference will be given to a student who has been involved in either campus or outside community activities.

The Class of 1998 Scholarship (1998) was a class gift from graduating seniors to Saint Michael's College. This unrestricted endowed scholarship was enhanced significantly through a generous challenge gift from William Chadwick, who was then Chair of the College's Board of Trustees and a 1999 honorary degree recipient, and his wife, Peggy.

The Class of 1999 Scholarship (1999) was established through the generosity of the Class of 1999, family and friends, to encourage scholarship.

The George I. Alden Trust (1992) recognized Saint Michael's with this endowed scholarship in response to a successful scholarship challenge grant. This scholarship is awarded to students from Worcester, where the Trust is based, and greater Eastern Massachusetts.

The Alumni Board of Directors Legacy Scholarship (2001) provides scholarship assistance to children, grandchildren, and siblings of Saint Michael's College alumni and students. This scholarship is made possible by those members of the Alumni Board of Directors who served between 2001 and 2004.

The Anton Science Honor Scholarship (1998) is the gift of Dr. Raymond J. Anton '66, and is presented to science majors in their senior year, based on the recommendation of the department chair following three years of significant

academic achievement, and their potential for career success. This tuition scholarship award recognizes proficiency by science majors, preferably concentrators in biology.

The Reverend J. F. Audet Scholarship (1906) is awarded to needy and deserving students from St. Francis Xavier Parish of Winooski, Vermont.

The Union St-Jean-Baptiste Endowed Scholarship (2014) was established by the Union St-Jean-Baptiste, Conseil St-Laurent, Inc. to support Catholic students in recognition of the Edmundite tradition of more than 100 years of charitable support to those in need both near and far.

The Professor Birger Benson Scholarship (2002) was established by Glen Farrell '83 in recognition of his undergraduate and mentoring experience with Professor Birger Benson. The scholarship receives support from alumni, family, and friends. The scholarship provides financial assistance to deserving students who match the following criteria: business administration major in their junior or senior year who maintains a C or better average while having proven financial need, good work ethic, and demonstrated self-financing inclination.

The Joseph J. Berardino '43 Scholarship Fund (2008) was established by Joseph's son, Michael Berardino '73 to provide unrestricted scholarship support to Saint Michael's College students.

The Berardino and Viau Family Scholarship (2000) was established by Ronald M. Berardino '57, and his wife, Jane, to provide unrestricted scholarship assistance to Saint Michael's students in conjunction with the College's Centennial Visions Campaign. Their daughter, Diane, graduated from Saint Michael's in 1984.

The Urban L. Bergeron Scholarship (1988) is awarded to a member of the first-year class. The student must be a Vermont resident from Chittenden County who has demonstrated financial need. The scholarship may be renewed annually for up to three additional years, contingent upon satisfactory academic progress. Ben Bergeron '39 was an emeritus member of the College's Board of Trustees.

The Boutin Family Scholarship (1998) was established by Joseph L. Boutin '69, a College trustee. Intent on helping students at Saint Michael's, he chose an endowed scholarship as his way of honoring his parents, Bernard and Alice Boutin. A 1945 Saint Michael's graduate and a 1963 honorary degree recipient, Dr. Bernard Boutin served his alma mater as President from 1969 to 1974. Alice also received an honorary degree in 2013.

The Harmon Bove Memorial Scholarship (1990) was established by the Vermont Sportswriters and Sportscasters Association in honor of Harmon Bove, who sacrificed his life in the Vietnam War. This award recognizes Vermont students pursuing a journalism education. Candidates should have an interest in sports, either as a player, manager, or writer.

The James L. Brennan '49 Scholarship (2000) gives preference to students majoring in the area of mathematics or the sciences. The scholarship is renewable each year provided the recipient remains in good academic standing. The scholarship was established by Jim Brennan '49 on the occasion of his 50th Reunion.

The Robert D. Brennan Endowed Scholarship (2015) provides unrestricted scholarship support for students with financial need. Robert D. Brennan '65 established this scholarship through a generous estate gift.

The Christopher G. Brooks Memorial Scholarship (1978) was established by Mr. and Mrs. William T. Brooks of Hempstead, New York, in the name of their son, Chris '79. This unrestricted scholarship receives support from the Brooks family and members of the Class of 1979.

The Thomas J. and Marie W. Burke Scholarship (1962) is awarded every year, first to African Americans from Southern states, or, for lack of such candidates, to any students of promise who would not otherwise be able to benefit from a Saint Michael's College education.

The Rosie Cadin '75 Memorial Scholarship (2005) was established on the occasion of what would have been Rosie's 30th anniversary of graduation from Saint Michael's College and in concert with the Visions Campaign; Rosie was remembered with a memorial scholarship at the initiative of Cormac McEnery '72 and her friends. Rosie was a

vivacious American Studies major who died tragically just prior to graduation but will always be remembered by her friends, especially those in the Class of 1975. The award provides unrestricted support to students with demonstrated financial need.

The Monsignor W. J. Cain and Paul Cain Memorial Scholarship (1967) provides scholarships for students from Vermont who might otherwise be unable to attend Saint Michael's College.

The Augustine Carburnari '06 Memorial Scholarship Fund (2006) was established to honor a wonderful son, brother, friend and member of the Class of 2006. "Auggie," an accomplished musician and athlete, found the inspiration and guidance for his life's work at Saint Michael's. His teachers and counselors helped him understand and determine what he wanted to do in life and how he could fulfill his dreams. He had hoped to apply to the Volunteer Corps and use his education, energy, and passion in serving others, a motto learned at Boston College High School - "To be a man for others." The Carburnari Family hopes that this scholarship may help deserving students at Saint Michael's fulfill their dreams and one day bring joy, hope, and fulfillment to their life and in turn to all those around them.

The David L. Carillo '69 Endowed Scholarship (2009) provides unrestricted scholarship support. This scholarship was established through an estate gift from David L. Carillo '69.

The Professor John Carvellas Scholarship in Economics (2006) recognizes John for his exceptional teaching, mentoring talents and friendship while providing financial support to students who want to pursue a degree in economics. The award(s) will be renewable on an annual basis for juniors and/or seniors based on solid academic performance and the recommendation of the Department of Economics chair.

The Guy J. Chamberlain '50 Scholarship (1986) was established through a bequest to assist young people to further themselves. Awards are made to students based upon need and academic ability. A Bronze Star recipient during World War II, Mr. Chamberlain was an electronics engineer.

The Chittenden Bank Green Mountain Scholarship (2000) provides merit scholarship assistance to entering students from Vermont who have graduated from a Vermont high school with proven financial need. It is renewed annually.

The Cioffi Family Scholarship (1988) is awarded to support children of men and women killed in Iraq and/or Afghanistan while serving the United States in the armed services. In the event that no student(s) meet the aforementioned criteria, the scholarship will be awarded to students whose parent(s) have served or currently serve in the military, and/or students who are enrolled in the ROTC program. In the event that no student(s) meet the aforementioned criteria, the scholarship will then be awarded to incoming first-year students from Rice High School in Burlington, Vermont; Mount Saint Joseph High School in Rutland, Vermont; and Dwight Morrow High School in Englewood, New Jersey. The scholarship is renewable through senior year provided the recipient remains in good academic standing. Ralph Cioffi '78 served the College as a member of the Board of Trustees from 1992 to 1996, providing leadership on the Audit and Investment Committees.

The Doc Citarella Scholarship (1989) awards aid to needy students with preference given to incoming first year students with high academic promise who are involved in varsity athletics, especially soccer. Named for former soccer coach and humanities professor Armand "Doc" Citarella, it is made possible through the generosity of friends, family, and alumni, in particular, Dr. Robert Tobin '64 and Mr. Richard Endrelunas '64.

The Edwin W. Conlan & Alice F. Conway Scholarships (1975) provides scholarships for students who might otherwise be unable to attend Saint Michael's College.

The James and Grace Conway Scholarship (1994) is a gift of former College trustee James Conway and his wife, Grace, in recognition of their special affection for the close community and family nature of the College. As Lowell, Massachusetts residents, they requested that first preference be given to students from Lowell High School and/or Notre Dame Academy, then students from the greater Lowell area.

The Patty and Colonel Jere Cook Scholarship (2010) was established to benefit students who are military veterans or their families. This is a need-based award and is given in addition to any award made by the College. Patricia Cook is a 1983 Masters graduate of Saint Michael's and established this scholarship with her husband, Jere, in honor of the service he gave to the Air National Guard.

The Helen and Leo Croteau Scholarship (1989) provides scholarships for students who might otherwise be unable to attend Saint Michael's College. This scholarship is made possible through the generosity of Helen and Leo Croteau '23, lifelong friends of the College and educators themselves.

The Curtis Family Scholarship (1998) is a gift of Eugene M. Curtis '54, in memory of his son Matthew Anthony. This endowed scholarship provides scholarship assistance for deserving students in chemistry or the other sciences to facilitate their learning and growth process at the College.

The Fr. Lorenzo D'Agostino, SSE '38 Scholarship (2004) was established by an anonymous benefactor to provide financial assistance to any meritorious student. While an unrestricted scholarship, it honors Fr. D'Agostino's accomplishments in psychiatric social work and is most appropriate for students pursuing a future in clinical social work or clinical psychology.

The Davis Foundation Scholarship (2004) was established to provide financial aid to students who live in Hampden County, Massachusetts. Should the criterion not be met, the scholarship will be awarded to a Saint Michael's student with demonstrated financial need. The scholarship shall be renewable provided the recipient remains in good academic standing. The scholarship was established by John and Robyn Davis of the Irene E. & George A. Davis Foundation, Springfield, Massachusetts.

The Elizabeth DeCamp McNerny Scholarship (a/k/a The Ira DeCamp Foundation Scholarship) (1985) was established by the trustees of the Ira W. DeCamp Foundation. These partial scholarships are awarded to three to five students who are majoring in biology, chemistry, or biochemistry, who maintain a 3.0 grade point average per semester in their majors and an overall 3.0 average each year. A further stipulation is that the scholars support the College by volunteering service and/or contribution.

The Richard L. deCastro '57 Scholarship Fund (2000) provides assistance to promising economic students who require financial assistance in order to attend Saint Michael's College. The deCastro Scholarship is renewable on an annual basis provided the student remains in good academic standing. A former member of the Alumni Board of Directors, Mr. deCastro's significant commitment and service to the College and the Alumni Association was acknowledged at Reunion '92 when he was recognized as Alumnus of the Year.

The Mary R. Derway Scholarship (1952) provides scholarships for students who might otherwise be unable to attend Saint Michael's College.

The Dillmeier Family Scholarship (1993) was established by Hazel R. Dillmeier in recognition of the scholarship assistance she received at her alma mater. In honor of her family's affection for the College, Mrs. Dillmeier selected Saint Michael's College to receive this unrestricted general scholarship. Her grandchildren, Elizabeth '88, David '91, and Kurt '93 all attended Saint Michael's and her son, Robert, provided leadership as a member of the Saint Michael's Board of Trustees from 1993 to 1999.

The Dilworth Family Scholarship (1995) was established in tribute to his parents, Edward L. and Loretta Dilworth, Sr., by Edward L. Dilworth, Jr. '63, and his wife Susan, the parents of Edward '89, Michael '91, and Thomas '93. Awards are made in recognition of their collective educational experiences and their wish to assist deserving students to continue their learning process at Saint Michael's College. The award is given to incoming first-year students and it is renewable through senior year.

The Lou DiMasi Scholarship (2008) was established by an anonymous alumnus to honor former Head Hockey Coach Lou DiMasi's more than twenty-five year career at Saint Michael's College. He made this gift in recognition of Lou's many contributions to student life, his personal guidance and friendship to students, faculty and staff over the years.

The Donald Dion Jr. Scholarship Fund (2001) was established by Donald Dion, Jr. '76, to provide unrestricted scholarship assistance to students enrolled at Saint Michael's College.

The Thomas Dion Scholarship (1990) established through the generosity of Richard Tarrant '65, honors the memory of Tom Dion, a graduate of Rice Memorial High School who overcame significant obstacles to achieve his education. The scholarship serves to recognize and assist students from Rice Memorial High School in Burlington, Vermont in attending Saint Michael's College.

The DiVenere Family Honor Scholarship (2011) was established by family, friends, and alumni to honor Richard "Rit" DiVenere '67 upon his retirement from Saint Michael's after 37 years of service. In memory of Rit's classmate Vito Angelillo M.D. '67, the scholarship is awarded to a junior or senior science major, with preference given to students with a 3.0 or above GPA.

The Rev. Raymond Doherty SSE '51 Scholarship (2005) was established by the Honorable Timothy C. Murphy '51 of Arlington, Virginia in honor of Fr. Ray's significant contributions to life's experience as a Marine, College administrator, friend, and priest of the Society of Saint Edmund. The scholarship will provide unrestricted scholarship support to students enrolled at Saint Michael's College.

The John D. Donoghue Scholarship (1976) is awarded to juniors and seniors at Saint Michael's College with proven academic ability and financial need in the majors of music and/or journalism. This scholarship is made possible through the benevolence of John D. Donoghue '32, his family and friends.

The Bennett C. Douglas Scholarship (2012) was established by Theresa Villemaire to support students who show extraordinary potential to become leaders and advocates in the field of special education; preference is given to graduate students pursuing their special education licensure. Ms. Villemaire is a long-time advocate for students with disabilities and served from 1956 to the early 1970's on the Bennett C. Douglas School Board of Directors. The Bennett C. Douglas School, now closed, served as one of the innovating forces in the state that led to changes in the way the state of Vermont viewed and educated people with disabilities. It is hoped that through this scholarship fund, we will always be reminded of the history of special education in Vermont and the desire to always investigate and problem-solve any and all efforts on behalf of those young people to whom equal and creative opportunities in education must always be available.

The Colleen M. Doyle Scholarship (1982) was established by friends and relatives in memory of Colleen M. Doyle '78. This scholarship rewards scholastic and athletic achievement. Students in good academic standing apply in the sophomore year for the junior year award.

The Barbara & Neil R. Driscoll Scholarship (2001) provides scholarship assistance to Saint Michael's students demonstrating academic promise and financial need. The scholarship was established by Neil R. Driscoll, Esq. '53 on the occasion of his 50th Reunion. Their daughter Joanne '84 and two grandchildren, Brian '00 and Jaclyn Freeman '02, graduated from Saint Michael's College.

The John and Kathleen Duffy Scholarship (2000) provides scholarship assistance to graduates of Catholic high schools with significant underrepresented minority populations with preference given to graduates of the following Bronx, New York schools: Cardinal Hayes High School, Aquinas High School, and Fordham Preparatory School. The scholarship was established by John and Kathleen Duffy, parents of Kevin '03.

The Rev. Gerald E. Dupont, SSE Scholarship (1978) is awarded to a first-year student with special consideration for relatives of alumni. Students receiving this scholarship must maintain a quality point average of at least 3.0 in their first year and 3.0 each semester thereafter. Fr. Dupont, SSE '35 was a former academic dean and 10th president at Saint Michael's College.

The Lawrence J. and Margaret B. Early Scholarship (1977) is awarded to assist students preparing to become physicians and priests. Preference for this scholarship is given to students sponsored by the Southern Missions of the Society of Saint Edmund.

The Edmundite Mission Scholarship (1999) was established by the Society of Saint Edmund, to provide scholarships to students enrolled at Saint Michael's College from Vermont Catholic parishes and Edmundite Apostolates. Candidates for these scholarships must have the endorsement of their local pastor and show a record of, and promise for, leadership among their peers in academic accomplishment and service to others, as determined by Saint Michael's College.

The Edmundite Award for Service & Scholarship (2001) was established by the Society of Saint Edmund to foster the Catholic intellectual tradition of Saint Michael's College.

The Donald "Bucky" Egan '64 Scholarship (2009) provides financial support for juniors or seniors, with preference given to students interested in pursuing a career in the military. Classmates from the Class of 1964 established this scholarship on the occasion of their 45th Reunion to honor their classmate, who gave his life during the Vietnam war, and to ensure future generations of the opportunity of a college education. "Bucky" was a standout scholar and athlete here at Saint Michael's.

The Isabel and Algernon M. Ellien Scholarship (2010) provides scholarship support for Saint Michael's students, with preference given to incoming students from New Jersey. This scholarship was established through a gift from the Isabel and Algernon M. Ellien Foundation to recognize the role Saint Michael's has had in educating the Ellien Family, particularly Michael Ellien '93, Michael Cunniff '67, Colleen Cunniff Schirf '98, and Kevin Schirf '97.

The Henry G. Fairbanks Scholarship (1980) is awarded to students in the fine arts department who display interest in reviewing, promoting, and reporting on the fine arts. Dr. Fairbanks was an eloquent teacher of English, history, humanities, and speech who served the College for 35 years

The Louis B. Falcetti Memorial Scholarship (1991) is awarded to academically promising students from the greater Springfield/Holyoke, Massachusetts area. The fund was created by Cesare Falcetti in honor of his brother Lou Falcetti '39.

The Gary and Jane Farrell Scholarship (2000) was established by Senior Trustee of the College, Gary Farrell '63, and his wife, Jane, to provide need-based scholarship assistance to Vermont residents studying at Saint Michael's.

The Louis E. Farrell Scholarship (1990) was established to recognize outstanding scholars from Vermont with high academic potential. The scholarship is made possible through the generosity of Louis "Skip" Farrell '77.

The Edward Thomas Fergus, Jr. '83 Scholarship (2012) provides unrestricted financial aid to a deserving Saint Michael's College student in honor and memory of Edward T. Fergus, Jr. '83 who died on September 11, 2001 in the north tower of the World Trade Center. Ed's wife, Linda '83, and their children, Shannon '11 and Thomas '13, established this scholarship in gratitude for the support the St. Michael's community offered following Ed's death and to provide others with the same opportunities Ed enjoyed at Saint Michael's -- a sound education, a beautiful environment, and the beginnings of life-long friendships.

The Flanagan Family Scholarship (1998) recognizes the importance of family in the growth and maturation process of young people. Trustee Michael E. McGrath and his wife, Diane, established this endowed fund in memory of Jeremiah E. and Charlotte M. Flanagan, the parents of three Saint Michael's graduates. The Flanagans were Michael's second family and very instrumental in shaping Michael's formative years.

The Fleming Family Scholarship (1998) was established by Trustee Emeritus Richard J. Fleming, Sr. '53, in honor of the education his father, Richard Fleming '21, his two children, Richard Jr. '81 and Margaret '91, and he received at Saint Michael's College. This scholarship provides assistance to Saint Michael's students for Vermont residents with a preference for Brattleboro, Vermont residents.

The Desiree L. Franklin Scholarship (1978) provides scholarships for students who might otherwise be unable to attend Saint Michael's College.

The Richard L. Gamelli, M.D. and Mary C. Gamelli Scholarship (2001) was established to encourage students to pursue a career in medical research or clinical care. Awards are made to full-time chemistry, biology or psychology majors in their junior or senior year who possess a minimum 3.0 grade point average, have financial need and

demonstrate leadership through participation in College activities. The Gamellis' relationship with the College spans many generations including Mrs. Gamelli's father, Roderick A. Kell '50. Dr. Gamelli graduated in 1970. His brother, Daniel, graduated in 1981 and Allison Kell, Mrs. Gamelli's sister, graduated in 1994. Their daughter Andrea graduated in 2001 and is married to Denis Couture '02. As a member of the Visions Campaign Steering Committee, Dr. Gamelli provided strategic planning guidance and support to Institutional Advancement.

The Arnold G. Gile Scholarship (2002) was established by a bequest from A. George Gile '37, to provide a full, four-year scholarship with preference to students from either the Patchogue, New York, Vergennes or Montpelier, Vermont areas.

The Ector P. Gobie Scholarship Fund (1979) is awarded to Vermont Catholic students who are active members of their parish.

The Reverend Frank Gokey, SSE Scholarship (1991) was a gift of Trustee Emeritus Michael McCarthy; this scholarship celebrates the life and work of the former Superior General of the Society of Saint Edmund.

The Dr. Gilbert Grady Scholarship (1986) established by family, friends and alumni, is in honor of the College's former professor of chemistry. Outstanding science students, with preference for chemistry majors, will be considered for the annual award.

The Gravel Family Scholarship (2001) was established by Clarke Gravel '38 and his wife, Phyllis, to provide unrestricted general scholarship assistance to Saint Michael's Students. Mr. Gravel received an Honorary Degree from Saint Michael's College in 1998. Former state's attorney and probate judge, he founded the law firm of Gravel and Shea in Burlington, Vermont in 1950. Widely regarded as an authority on ethical considerations in the practice of law, he is recognized as the father of the Vermont Uniform Commercial Code. Their sons David '64 and John '69 also graduated from Saint Michael's.

The Paul and Teresa Grimes Scholarship (1997) was established by Paul and Teresa Grimes, special friends of Saint Michael's who served the College in numerous capacities but especially relished their close relationship as Associate Trustees. While Paul and Teresa devoted many hours to volunteer and leadership programs at the College, their primary concern was to enhance the scholarship endowment.

The William J. Haggerty Family Scholarship (2001) was established by Dr. William J. Haggerty '61, on the occasion of his 40th Reunion, to provide unrestricted scholarship assistance to students enrolled at Saint Michael's College.

The Francis E. Harrison '52 Family Scholarship (2005) was established by Francis E. Harrison '52 to provide unrestricted scholarship assistance to students who demonstrate financial need.

The Giff Hart Journalism Scholarship (1995) recognizes the teaching professionalism of Emeritus Professor Giff Hart by his friends among the Saint Michael's faculty, staff, students and alumni. The scholarship provides support for first-year students interested in a career in journalism who possess academic promise. The award is renewable in subsequent years based on academic performance.

The Walter J. Hawver '70 Scholarship Fund (1999) was made possible by a bequeathed gift from the estate of Walter Hawver '70, demonstrating his commitment and long-standing love for his alma mater. Walter was the son of Walther W. Hawver Jr. '48 and Tina Hawver.

The Peter "Buck" Healy Scholarship (1974) was established by the Class of 1974 and is awarded to an upper-level student who is in good academic standing and has at least a 3.0 overall average. Students with a physical disability receive special consideration.

The Heinrich Journalism Scholarships (1980) are made possible through the generosity of Frank and Patricia Heinrich, long-time friends of Saint Michael's College. A former vice-president of the Burlington Free Press, Mr. Heinrich was helpful in establishing the Gannett Corporation-funded journalism program at the College. Consideration is given to first-year and junior journalism majors.

The Edward L. Henry Scholarship (1999) was a gift of Trustee Emeritus Michael McCarthy and Margaret McCarthy in appreciation and admiration of the life and work of former Saint Michael's College President, Dr. Edward L. Henry, who served from 1976 to 1985.

The Cynthia K. and Robert H. Hoehl Scholarship (2012) was established by Cynthia and Robert Hoehl to provide unrestricted scholarship support to students with demonstrated financial need who could not otherwise afford a Saint Michael's College education. Robert, a member of the class of 1963, served Saint Michael's as a Trustee, Reunion Co-Chair, and Visions Campaign Steering Committee member. Robert and Cynthia received honorary degrees from Saint Michael's in 2010 in recognition of their service to the College.

The Alison Hunter Endowed Memorial Scholarship (2002) was established by former college trustee R. Alan Hunter and his wife, Nina M. Hunter, in memory of their daughter Alison Hunter '02, to provide assistance to students enrolled at Saint Michael's College.

The John Iskyan Scholarship (2012) was established to provide unrestricted scholarship aid to deserving students. Classmates and life-long friends of John Iskyan '82 established this scholarship with the desire to ensure current and future students had the opportunity to enjoy a Saint Michael's College education and to make life-long friends of their own. John came to Saint Michael's through the Delayed Acceptance Program (DAP) and went on to prove himself in the classroom as a business administration major, and on the athletic fields as a senior-year captain of the men's lacrosse team. John was one of three Saint Michael's alumni who died in the September 11, 2001 attacks at the World Trade Center in New York.

The Johnson Family Scholarship (2003) was established by Kenneth H. Johnson, D.O. '86 and Mary Ann Johnson Sweeney to honor their mother, Marjorie M. Johnson, and grandfather, Cornelius F. O'Brien. This unrestricted fund provides support for students demonstrating financial need. Although not a requirement of the scholarship, it is hoped that recipients continue this spirit of gratitude by giving to someone else in need, especially in the area of education, when they are in a position to do so.

The Judson and Parsons Ready, Set, Teach Endowed Scholarship (2014) was established by Dr. Anne P. Judson, former director of the Department of Education's Graduate Program, and her husband, Dr. J. Timothy Parsons, to provide scholarship support to graduate education students during their student teaching semester. Recipients of this scholarship will be those who show promise as excellent teachers and have demonstrated financial need. The scholarship is open to all graduate education student-teachers except those pursuing special education licensure. The Chair of Education, with a recommendation from an Education Department faculty committee, will select the recipient(s). This scholarship complements the support already made possible through the Bennett C. Douglas Scholarship

The Lamoille County Scholarship (1956) is awarded to needy students from Vermont.

The Paul and Helen Landers Memorial Scholarship (2003) was established by former Board of Trustees Chairman and Honorary Degree recipient James H. Wall '74, H'07 in honor of his wife Susan's parents. The purpose of the fund is to provide unrestricted scholarship support for students who demonstrate financial need.

The Carol Landry Gallagher Scholarship (1990) was established through the generosity of James J. Gallagher '51 and family and friends of Carol. This scholarship is presented to an incoming first-year student who has achieved the requisite SAT score and rank in class. Preference is given to Massachusetts students, notably from Watertown and Waltham High School.

The Josephine Lanoue Scholarship provides scholarships for students from Vermont who might otherwise be unable to attend Saint Michael's College.

The Benjamin Leach Scholarship (1998) provides tuition assistance to full-time students and gives preference to those who are Vermont residents. Charlotte Leach Berry, a teacher, chose to honor her brother, Colonel Benjamin Leach, a 1929 Saint Michael's High School graduate with this endowed scholarship. Ben was one of the last members of the Edmundite-run high school that ceased operation in 1930 when Saint Michael's changed its mission to the College program.

The Rev. Ralph F. "Spike" Linnehan, SSE Memorial Scholarship (1996) recognizes the long-standing affiliation and affection he had for his College. Fr. Ralph came to Saint Michael's in 1913 and served the College in numerous capacities, including professor and athletic director, for over 57 years. The endowed scholarship, a gift of his nephew Robert Linnehan '68, and his wife, Sara, awards tuition assistance to needy and deserving students, with a geographical preference to individuals from Western Massachusetts.

The Reverend William Lonergan Scholarship (1911) was originally established to provide financial assistance to a needy student from Rutland, Vermont, studying for the priesthood. It is now available to Vermont Catholic students who are active members of their home parish.

The Albert and Agnes Luck Scholarship (1985) was established through the generosity of Albert and Agnes Luck. It is awarded annual to a deserving student identified by the Financial Aid Office. Preference for this award will be given to students from St. John's Academy or Mount Assumption Institute or Plattsburgh Senior High School, all of the Plattsburgh, NY area. It is renewable for up to four years.

The Peter Marini '65 Scholarship (2004) was established by John F. Kulzer '65 and Michael F. Ryan '65, to honor the memory of Peter Marini '65. Peter, an active and visible member of his class, was selected by the College for the prestigious Michaelman Award. As a graduate, he helped orchestrate alumni activities in the Albany area and consistently attended class reunions. This unrestricted fund provides support for students demonstrating financial need.

The McCarthy Family Scholarship Fund (2001) was established by Rev. James A. McCarthy '41 to provide unrestricted scholarship assistance to students enrolled at Saint Michael's College. This scholarship is renewable annually to students in good academic standing. The scholarship is given in memory of Fr. McCarthy's parents, Timothy and Mabel McCarthy, and his uncle and aunt, Francis and Helen Farrell.

The Margaret E. McCarthy Scholarships (1979) are awarded to fine arts students. Mrs. McCarthy was awarded an honorary degree in 1975 in recognition of her devotion to the arts and education.

The Michael McCarthy Scholarships (1983) were established by Michael McCarthy, the retired Chairman of the Board of Merrill Lynch, to support needy students. Mr. McCarthy served the College as a member of the Board of Trustees, receiving an honorary degree in 1961.

The J. Warren and Lois H. McClure Journalism Scholarship (2005) was established by Lois H. McClure in memory of her husband on the occasion of Saint Michael's centennial. "Mac" McClure was one of the founders of the Saint Michael's College journalism department and their scholarship rewards students pursuing excellence in the journalism profession. The scholarship will be renewable each year for a maximum of four years, assuming the student(s) maintains a quality grade point average.

The Joseph W. and Annie C. McGee Scholarship (1979) was initially established to provide financial aid for the education of needy priests. It now provides scholarship support to Vermont Catholic students who are active members of their home parish.

The John and Eleanor McGuinness and Thomas and Nancee McManus Scholarship (2015) is an unrestricted endowed scholarship that supports students demonstrating academic promise and financial need. This scholarship was established by Michael W. McGuinness '73, and his wife, Maura, to honor the sacrifices their parents made to provide the opportunity to attend college and for the overall influence they had on their lives.

The Pat & Jerry McKenna '69 Family Scholarship (2004) was established at his 35th reunion by Jerry McKenna '69 and his wife, Pat, to assist gifted students who would benefit from the education and sense of family inherent with the Saint Michael's educational experience. The scholarship is intended to help talented individuals who demonstrate financial need. Although not a requirement of the scholarship, Jerry and Pat hope that the recipients of the scholarship continue the spirit of service to others in the Saint Michael's tradition.

The Jeffrey P. McKeown '77 Memorial Scholarship (2002) was established in memory of Jeffrey P. McKeown '77. Jeff was an enthusiastic supporter of Saint Michael's College, having served as president of the student body and as a representative on the Alumni Board of Directors. In recognition of his service and loyalty to the College, Jeff received

the Alumnus of the Year Award in 1987. Jeff appreciated the education he received, the values he learned, and cherished the lifelong friendships he formed with other alumni. This scholarship was established by his friends, family, and colleagues in the hope that the recipients will become student leaders at Saint Michael's and as Jeff did, give back to the Saint Michael's community.

The Maureen A. McNamara Scholarship Fund (2001) was established by Maureen A. McNamara, a 1993 honorary degree recipient and former Registrar at Saint Michael's College. The fund will provide unrestricted scholarship assistance to students enrolled at the College and is renewable provided the recipient(s) remain in good academic standing.

The Antonia Messuri Endowed Scholarship (2015) was established anonymously by parents of a member of the Class of 2014. They established this scholarship as a way to recognize and celebrate the extraordinary efforts Antonia "Toni" Messuri, as director of Academic Support Services, makes to support students with learning difference. The scholarship is initially awarded in a student's sophomore year, with the recommendation of the director of Academic Support Services, but can be renewed for the remainder of the recipient(s)' Saint Michael's education. The Messuri Scholarship supports students with financial need who also are working with Academic Support Services.

The Military Heritage Scholarship (2003) established by Paul J. Palmer '56 as Chair of the Military Heritage Program, is designed to honor the vision of the Edmundites in welcoming veterans to campus. This scholarship will benefit students whose parent(s) have served or currently serve in the military and students who are enrolled in the ROTC program. If the criterion cannot be met, the fund will provide assistance to recipients who demonstrate and embody characteristics of good citizenship and the qualities for which Colonel Donald Cook USMC '56 was honored with the Medal of Honor.

The Reverend Francis Moriarty, SSE Scholarship (1999) as originated by Fr. Moriarty's nephew, David Carriere '83, and established by the generosity of family and friends in recognition of Fr. Moriarty's contributions to the academic environment at Saint Michael's. A member of the Class of 1940 and twice president of Saint Michael's College, Fr. Moriarty served the College in numerous capacities including Alumni Director and Director of the Annual Fund.

The Reverend Paul A. Morin, SSE Scholarship (1987) was established through the generosity of F. M. "Pete" Taylor '59, in honor of Rev. Paul Morin, SSE, the former Academic Dean at Saint Michael's College from 1958 to 1965. This renewable scholarship is awarded to a member of the first-year class. Students receiving the scholarship must maintain a quality point average with high promise for academic and career success.

The Alice M. Murray Scholarship (1999) was established by Senior Trustee of the College, Donald G. Walsh '55, in honor of Alice Murray, his longtime friend, who died from cancer in 1999. This scholarship provides unrestricted assistance to Saint Michael's students.

The Mark R. Nelson '91 Scholarship (2003) was established by Mark R. Nelson '91 to provide scholarship assistance to juniors and/or seniors with a major or minor in Information Systems or other technology-related disciplines if the first preference cannot be met. Eligible students must maintain a grade point average of 3.0 or higher.

The Robert E. and Shirley A. O'Brien Scholarship (1999) was established by Senior Trustee of the College, Dr. O'Brien '42, and his wife Shirley, to provide unrestricted scholarship assistance to Saint Michael's students. The O'Brien's children and grandchildren graduated from Saint Michael's College where Dr. O'Brien also served as College physician.

The O'Hara Family Scholarship (2005) was established by Howard O'Hara '71, his wife Susan, and their children Stephen '00 and Elizabeth '04, to honor the memory and commitment of Paul and Virginia O'Hara, loving parents and grandparents, to Saint Michael's College. The College always held fond memories for Paul and Virginia O'Hara and they thoroughly enjoyed their trips to Vermont to visit their son and grandchildren when they were students. The scholarship will provide unrestricted support to deserving Saint Michael's students.

The Raymond P. O'Keefe, Esq. '50 Scholarship (2004) was established by his son William B. O'Keefe '78 to provide unrestricted scholarship assistance to students enrolled at Saint Michael's College. This scholarship assistance shall be renewable to recipients who remain in good academic standing at the College.

The George Olgyay Endowed Scholarship (2004) established by William J. Bigoness Ph.D. '69, provides unrestricted scholarship support for students enrolled at Saint Michael's College. A major influence in Bigoness's life, Professor Olgyay taught political science at Saint Michael's from 1961 to 1998.

The John Michael Orgera Memorial Scholarship (1979) was established by Dr. and Mrs. Walter L. Orgera of Stamford, Connecticut, in memory of their son, John Michael '82. This scholarship provides unrestricted scholarship support to Saint Michael's students.

The Reverend Leon Paulin Scholarship (1983) is awarded to students with majors in art, drama, music or anyone exhibiting talent following at least three courses in the above majors. Students must maintain a 3.0 quality point average. Fr. Paulin, SSE, '37 was a revered professor of French and religious studies, and an avid artist.

The Reverend Pauliot Scholarship (1926) is awarded to a needy student from Essex Junction, Vermont.

The Charles H. Pfeifer Scholarship (1995) was established in memory of Charles Pfeifer '43, a University of Albuquerque biology professor, by his wife Muriel and with generous support from friends and family, especially Edward '43 and Joan Pfeifer, and Rita Pfeifer. The fund mirrors Dr. Pfeifer's desire to assist students in the biological sciences at his alma mater.

The Professor Ed Pfeifer Scholarship (2007) was established by Anthony F. Troy Esq. '63 in honor of Dr. Edward Pfeifer, to provide unrestricted scholarship support to incoming first year students. It is renewable on an annual basis based on academic performance. The award recognizes Dr. Pfeifer '43 for his exceptional teaching, leadership and friendship spanning his many years of service to the college as a member of the History and American Studies Department as well as his tenure as Academic Dean.

The Remo and Donna Pizzagalli Scholarship (2005) was established by Remo and Donna Pizzagalli to provide unrestricted scholarship support with a preference for incoming Saint Michael's College students with solid academic potential who have demonstrated financial need and who do not qualify for need-based state or federal grant assistance. Awards are renewable provided the recipient remains in good academic standing with a grade point average of 2.5 or better. A minimum of two students per year will receive this scholarship.

The Politi International Fellowship (2007) was established by the estate of A. Francis Politi, a friend of the College, to assist students gain a deeper understanding of foreign cultures, languages, and increase their global perspective. Recipients are selected via application in order to continue their study abroad experience for a full year. Recipients of this fellowship must study at a location where most of their studies are done in a secondary language.

The Politi Study Abroad Scholarship (2007) was established by the estate of A. Francis Politi, a friend of the College. It is awarded to assist students aspiring to improve their foreign language proficiency and global awareness. Recipients must study at a location where most of their studies are done primarily in a secondary language.

The Rev. Norbert Proulx Scholarship (1922) offers financial support to Vermont students from Saint Joseph's Parish in Burlington; Immaculate Heart of Mary in Rutland; Sacred Heart of Jesus Parish in West Rutland and Saint Mary Star of the Sea in Newport.

The Reverend C. E. Provost Scholarship (1918) provides financial support to a student of the Sacred Heart Parish of Bennington, Vermont.

The Joanne Rathgeb Scholarship (1999) is an unrestricted scholarship that was established by Michael and Margaret McCarthy, friends, family members, and students in memory of Professor of Theater Joanne Rathgeb. Joanne, along with her husband Donald, were crucial to the success of the Theatre Department at Saint Michael's College. In addition to Joanne's lengthy career as professor, actor, producer, and director, she was an educator and crusader who fought for

greater awareness and increased funding for breast cancer. In 1994 Joanne lost her own nine-year battle with this disease.

The Rick Reilly '77 Scholarship (2000) provides unrestricted scholarship support for students at Saint Michael's College. The scholarship was established by Robert K. Reilly in memory of his brother, Rick, with generous support from classmates, friends and family. Rick served Saint Michael's College in the Admission and Alumni Offices prior to his untimely death.

The Reiss Foundation Endowed Scholarship is awarded to a student who has graduated from a Nativity-network middle school. The scholarship is awarded each academic year and is renewable provided the student remains in good academic standing. The Fund was established by Paul J. Reiss, Ph.D., president emeritus of Saint Michael's College, on behalf of the Jacob L. Reiss Foundation, to stimulate the recruitment of students by Saint Michael's College who are graduates of those middle schools that have been modeled after the Nativity Mission School in New York City.

The Arthur J. Rock, Jr. '43 & Patricia A. Rock '87, M'94 Scholarship (2004) will provide unrestricted scholarship assistance to students enrolled at Saint Michael's College who have demonstrated financial need.

The Freeman M. Saltus Scholarship (1956) was initially envisioned by Mr. Freeman Saltus in 1956 when he gifted a \$500 savings bond to the College to provide annual scholarship recognition to students who excelled in discussing and writing about topics of labor and economics. Today, it provides scholarship assistance to a student recommended by either the chair of the economics department or the chair of the business administration department, with preference given to economics students.

The Olin Scott Fund (1989) was established to provide student aid to Vermont male students in recognition of the benefactor's appreciation for education to equip them for upright and useful lives.

The Thomas and Marie Sheehan Scholarship (1999) was established by former National Alumni Board of Directors President and Alumnus of Year, Thomas Sheehan '50 and his wife, Marie, on the occasion of Tom's 50th Reunion. The scholarship awards unrestricted financial support for students enrolled at Saint Michael's College.

The Celine Slater Memorial Award is awarded to a student majoring in journalism; the student recipient must be a Vermont resident who displays an interest in reviewing, promoting and reporting on the arts. Preference will be given to women with outstanding academic ability in their junior or senior year.

The L. Elizabeth and Napoleon St. Pierre Scholarship was initially established to provide financial aid for the education of needy priests. It now provides scholarship support to Vermont Catholic students who are active members of their home parish.

The Don Sutton Fire and Rescue Scholarship (1988) was established through the generosity of Fran and Mary Ritz, Susan Ritz '77, and alumni, family and friends to honor of the founder of Saint Michael's Fire and Rescue. The fund provides scholarship assistance to students involved in Fire and Rescue beginning their sophomore year.

The Dan and Mary Tarpey Scholarship (2001) was established by Dan Tarpey '52 to provide scholarship assistance for first-year students at Saint Michael's College. Preference will be given to students from greater Boston, Massachusetts, with demonstrated academic achievement combined with a solid potential to succeed as well demonstrated financial need. The scholarship was initiated by Dan to memorialize his wife's enduring spirit.

The J. Amedee and Marguerite Tessier Memorial Scholarship (1993) was established by Gaston "Mike" Tessier '43, in honor of his mother and father. This renewable honor scholarship places an accent on high academic promise and performance.

The Gloria and Gaston Tessier Scholarship (1993) was established by Gaston "Mike" Tessier '43, in honor of his wife, on the occasion of his 50th anniversary of graduation from Saint Michael's College. This renewable scholarship is awarded to financially needy students who concentrate in the natural sciences or math.

The Varol Family Scholarship (2000) provides unrestricted scholarship assistance to Saint Michael's students. The scholarship was established by John Varol '61 and his wife, Irene, on the occasion of John's 40th Reunion.

The Visions Campaign Endowed Scholarship (2005) was established through the generosity of an anonymous alumnus to provide scholarships for students who lack the financial resources necessary to enable them to pursue an education at Saint Michael's College.

The Henry and Barbara Wall Memorial Scholarship (2003) was established by former Board of Trustees Chairman and Honorary Degree recipient James H. Wall '74, H'07 in honor of his parents. The purpose of the fund is to provide unrestricted scholarship support for students who demonstrate financial need.

The Beth Walsh Memorial Scholarship (1988) is awarded to a member of the first-year class. The student must maintain a quality point average of at least 3.0 their first year and 3.0 each semester thereafter. The scholarship, in honor of his daughter, is made possible by former trustee Donald Walsh, Esq. '55, and the family and friends of Beth Walsh.

The Cleveland A. Williams Memorial Scholarship (1983) is awarded to one member of the first-year class. The scholarship was established in honor of Saint Michael's College Professor of Political Science Cleveland A. Williams, Ph.D.

The Professor Bill Wilson Scholarship (2007) was established by Honorary Degree recipient Kathleen S. O'Leary Esq. '75, H'06 to recognize Dr. William Wilson for his exceptional teaching, mentoring and friendship spanning 35 years as a member of the Political Science Department and most recently as Provost/Vice President for Academic Affairs. The scholarship is renewable on an annual basis based on solid academic performance.

The Kareen K. Worrell '77 & Peter R. Worrell '79 Endowed Scholarship (2004) will provide unrestricted scholarship assistance to students enrolled at Saint Michael's College who have demonstrated financial need.

The Richard C. Yorkey TESL Graduate Award Fund (1999) is presented annually to provide financial assistance to one or more graduating students from the Teaching English as a Second Language (TESL) graduate program. It is the hope of the donors that the award(s) will be used by the recipient(s) to further their educational or professional development in the field. Family and friends established this scholarship to honor the memory of Dr. Yorkey, a long-time School for International Studies (SIS) professor. SIS was the precursor to the College's current Applied Linguistics Department.

The Rev. Nelson B. Ziter, SSE '43 Scholarship (2005) was established by James F. Carroll '70 in recognition of Rev. Ziter's contributions to the Saint Michael's community as College Chaplain, Director of Spiritual Affairs, priest, friend, counselor, and confidant to students. This scholarship provides unrestricted scholarship support to deserving students.

TERM SCHOLARSHIPS

Saint Michael's College is grateful for the support of alumni, parents, and friends who have established the following funds and fund them in full on an annual basis. Similar to Endowed Scholarships, they provide scholarship assistance to deserving students.

The Michael D. Archer Military Heritage Scholarship was established by Edward '56 and Mary Archer to honor the Edmundite vision of welcoming veterans to campus and in memory of their son, Michael D. Archer. This scholarship is available to students, in the following order of preference: students whose parents have served or currently serve in the military; students enrolled in the ROTC program; or students who embody the characteristics of good citizenship for which Col. Donald Cook '56 was known.

The Zaf Bludevich Scholarship was established by anonymous donors to honor Zafir "Zaf" Bludevich for his 39 years of service to Saint Michael's College and its student athletes as a coach, athletic trainer, and mentor. This unrestricted scholarship is to benefit deserving sophomores, juniors and/or seniors.

The Dion Family Foundation Term Scholarship (2008) provides scholarship assistance for selected students from Saint Dominic's High School in Lewiston, Maine. This scholarship was established and is supported by Don Dion '76, a member of the College's Board of Trustees.

The Peter Y. Flanagan Term Scholarship was established by Elizabeth Flanagan Diamond '90 to honor her father. This scholarship is awarded to incoming Vermont students from the greater White River Junction and/or St. Albans areas of Vermont.

The Gallagher-Flynn Term Scholarship & Award is presented annually to a senior accounting major. The recipient is selected by the business and accounting department chair. This scholarship is funded through the generosity of Vermont accounting firm Gallagher, Flynn, & Company.

The Green Mountain Scholarship Program provides scholarships to enable outstanding Vermont scholars to attend Saint Michael's College. Recipients must possess at least a B+ average, combined SAT score of at least 1800 SAT /27 ACT or higher. Additionally, recipients are selected based on their leadership qualities, commitment to community service and potential to contribute to the Saint Michael's community.

The Brian Lacey '72 International Fellowship in Social Justice is designed to encourage and honor students who have demonstrated superior academic achievement as well as a dedication to a deeper understanding of issues of social justice. This merit- and need-based award is intended to recognize students who show the initiative, imagination and motivation to apply their academic skills to the betterment of humanity. The fellowship is offered twice annually (once each semester) to assist semester-long, study-abroad students (including domestic U.S. off-campus programs) whose program of study includes a significant component of scholarship around issues of economic, political, and social justice, and/or service learning where appropriate. The fellowship is funded through gifts from Brian Lacey '72 and the Kilkea Foundation, a non-profit organization that encourages and honors excellence in the humanities, arts and sciences through a college scholarship program and other activities.

The Agnes Lindsay Trust Scholarship is awarded to a student with financial need who is from a rural New England community with less than 5,000 inhabitants. This scholarship was established through the generosity of the Agnes Lindsay Trust in order to support their mission of supporting higher education.

The Benjamin Mottola '90 Term Scholarship is an unrestricted scholarship that supports a single recipient each academic year. The scholarship is funded through the generosity of Benjamin Mottola '90.

The Mutrie Family Term Scholarship was established by George Mutrie '60, in commemoration of his 55th Reunion, to provide scholarship support for students with demonstrated financial need. The scholarship will be available to students starting in the fall of 2016 through the 2019-2020 school year.

The Daniel J. & Leo Jr. O'Brien Family Scholarship provides unrestricted scholarship support to students who have demonstrated financial need. The scholarship was established by Daniel J. and Sandra O'Brien and Leo Jr. '53 and Bonnie O'Brien. The O'Brien family founded the O'Brien Brothers Agency in South Burlington, Vermont in 1958 and built their company on honesty, integrity, compassion, hard work and dedication to their community, staff and the environment. Dan, Sandra, Leo and Bonnie, all parents of Saint Michael's graduates, created this scholarship to express their appreciation for what Saint Michael's has done for their families, and as a way to help families who are working hard to afford college. They feel fortunate to be in a position to help future generations experience Saint Michael's.

The John Varol Term Scholarship provides unrestricted scholarship assistance to Saint Michael's students. John Varol '61 and his wife, Irene, established this scholarship in concert with the Varol Family Scholarship in order to help more students receive a Saint Michael's education. John and Irene initiated this term scholarship on the occasion of John's 40th Reunion.

Institutional Advancement

The office of Institutional Advancement serves as the network for alumni, parents, and friends of Saint Michael's College to stay connected to the College and to engage them as committed volunteers and benefactors. The outreach and development programs of Institutional Advancement provide additional resources that enable the College to offer competitive financial aid packages to students and to enrich the quality of academic and student life programs.

The Office of Alumni Engagement sponsors educational, social, and cultural events for the College's 20,000+ alumni. Parents of current students and parents of alumni are also welcomed to all events. Alumni class reunions, as well as homecoming and family weekends provide opportunities to visit campus, rekindle friendships, and enjoy the special bonds of the Saint Michael's College community. Numerous Saint Michael's clubs and regional groups also host regular events.

The core annual giving program is The Saint Michael's Fund, which supports current programs at the College and immediately impacts the student experience. Gifts to The Saint Michael's Fund sustain financial aid, student scholarship, technology, academic and student life programs, athletics and much more.

The priority of the major gift development effort is to align the philanthropic priorities of our leadership benefactors with the needs of the College. The primary focuses are to obtain leadership gifts for the Saint Michael's Fund, to increase the number of endowed scholarships and to provide increased donor funded financial aid. Additionally, funding is sought for academic and student life, campus ministry endowments, and capital (building) projects.

Volunteer opportunities are available in admissions, career advising, Reunion, hosting events, Club leadership, Alumni Board of Directors, class agents, and more. For further information about Institutional Advancement programs, please contact: Vice President for Institutional Advancement, Saint Michael's College, One Winooski Park, Box 256, Colchester, Vermont 05439. Telephone: 802-654-2557. Fax: 802-654-2592. E-mail: alumni@smcvt.edu. Web site: www.smcvt.edu/alumni.

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Academic Calendar

FALL 2024

August 26	<i>Monday</i>	Classes Begin
September 3	<i>Tuesday</i>	Drop/Add Deadline
October 10-11	<i>Thursday & Friday</i>	No Classes
October 13	<i>Sunday</i>	Midterm Warning Grades Due
November 1	<i>Friday</i>	Course Withdrawal Deadline
November 25-29	<i>Monday-Friday</i>	Thanksgiving Break
December 6	<i>Friday</i>	Last Day of Classes
December 7-8	<i>Saturday & Sunday</i>	Study Days
December 9-13	<i>Monday-Friday</i>	Final Exams

SPRING 2025

January 13	<i>Monday</i>	Classes Begin
January 21	<i>Tuesday</i>	Drop/Add Deadline
February 13-14	<i>Thursday & Friday</i>	No Classes
February 28	<i>Friday</i>	Midterm Warning Grades Due
March 17-21	<i>Monday-Friday</i>	Spring Vacation
March 28	<i>Monday</i>	Course Withdrawal Deadline
April 18-21	<i>Friday-Monday</i>	Easter Break
April 30	<i>Wednesday</i>	Last Day of Classes
May 1	<i>Thursday</i>	Study Day
May 2-3	<i>Friday & Saturday</i>	Final Exams
May 4	<i>Sunday</i>	Study Day
May 5-7	<i>Monday-Wednesday</i>	Final Exams
May 11	<i>Sunday</i>	Commencement