

**ST. NORBERT COLLEGE**

**2024-25**

**CATALOG**

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# ACADEMIC REGULATIONS

## Graduation Requirements

### Catalog Requirements

Students must complete the requirements for degree and major/minor (declared course program of study) from the catalog in effect at the time of first enrollment. Students may not use requirements from different catalogs to complete their degree. Students, not on an approved leave of absence, who are not enrolled at the College for one year or longer, are readmitted under the requirements currently in effect at the time of readmission. Catalog requirements stay in effect for six years except for undergraduate students in continuous enrollment. Students not in continuous enrollment desiring to complete a degree after the six-year limitation must do so under the most current catalog requirements or petition the vice president for academic affairs for an exception. Program and catalog requirement limitations are not extended to teacher certification requirements. Please contact the director of teacher education for certification details.

It is the responsibility of each student to complete all the graduation requirements described herein. Academic advisors do not share this responsibility, nor can they change, alter, or waive graduation requirements. The College reserves the right to change the requirements within this catalog. Though the College attempts to communicate catalog changes to students, students are responsible for their course program of study completion and requirement updates. Students will graduate once they have completed their declared course program of study. This includes all major(s), minor(s), certificate(s) and core requirements. Information on requirement changes is available from program coordinators and the academic dean's and registrar's offices.

### Four-Year Guarantee

St. Norbert College guarantees that students who enter as freshmen, enroll in 16 semester credits per semester, do not fail or withdraw from any courses, and maintain a 2.00 cumulative grade point average will graduate in four years. This guarantee highlights the strength of our advisement program, the flexibility and integrity of the curriculum, and our commitment to holding down the cost of higher education in terms of both time and money. If the student who qualifies for this guarantee does not complete his or her degree requirements in four years, the College will waive the student's tuition for

the courses needed to complete the degree requirements at St. Norbert College.

Under this guarantee, the College expects that the student will select a major in a timely fashion, i.e., prior to registration for the fourth semester of study. To exercise the guarantee, the student must be approved for the guarantee by the registrar and apply for financial aid. Any portion of tuition not covered by federal or state gift assistance will be waived by the College.

### Exceptions

The only exceptions to this guarantee are those students who, because of a change of major, are required to complete more than 128 semester credits, or those students enrolled in programs such as Education who must take more than 128 semester credits to meet certification requirements. The guarantee does not extend to second majors, minors, or pre-professional courses, when such programs cause a student to exceed the normal 128 semester credit graduation requirement.

### Study Abroad

Students who study overseas may not be able to graduate within the four years.

### Bachelor's Degree Requirements

To earn a baccalaureate degree from St. Norbert College, a student must satisfy credit, curriculum, grade point average (GPA) and residency requirements. A total of 128 semester credits successfully completed, a cumulative 2.00 GPA and major GPA of 2.00, completion of the core curriculum program, and completion of an approved major are required for graduation. Majors are required to have between 32 and 64 credits.

### Minors

Minors are not required for graduation, except for certain teacher certification programs, but they require a cumulative 2.00 GPA for completion. GPA requirements for teacher certification are higher and are established by the teacher education discipline. Minors consist of a minimum of 24 credits. Minors cannot be in the major discipline. Other restrictions on minors are listed under specific program requirements.

### Residency Requirements and Transfer Students

Transfer students must complete at least 32 semester credits at St. Norbert College of the 128 credits required for graduation at St. Norbert College. In

addition, 25 percent of advanced courses (at the 300 or 400 level) in any major must be taken at St. Norbert College. Minors require eight credits or one third of the minor to be completed at St. Norbert College.

All baccalaureate candidates must spend their senior year in residence at St. Norbert College. Students are considered to be “in residence” if they register for their final 32 semester credits at St. Norbert College. Exceptions to the senior residency requirement may be made by petition to the registrar or vice president of academic affairs for students having attended St. Norbert College full time for eight semesters.

#### Transfer Credit from Other Institutions

Once a student has been enrolled at St. Norbert College full-time, only three transfer courses from other institutions may count toward the 128 semester credits required for graduation unless (1) the courses are part of programs affiliated with the College, including SNC study abroad programs, (2) the courses are part of a nonaffiliated study abroad program that has been approved for a particular student by the International Education Committee and endorsed by the Vice President for Academic Affairs prior to the student’s departure, or (3) by special permission from the Vice President for Academic Affairs (or the Vice President for Academic Affairs’ designee).

Any student(s) wishing to study abroad for credit that will be transferred to a degree program at St. Norbert College must receive prior approval of the courses selected from the Associate Dean for Global Affairs and the academic advisor.

Students who plan to transfer credit to St. Norbert College for courses in their major fields must have the courses pre-approved by the discipline coordinator and the registrar before they are taken. Courses fulfilling general degree requirements must be approved by the registrar. Core curriculum requests must be approved by the core curriculum committee. Grades earned at another college or university do not affect GPA at St. Norbert College. Courses with grades lower than a “C” are not accepted for transfer.

#### **St. Norbert College Transfer Credit Policy & Process**

All incoming transfer credit, including dual-enrollment coursework, AP and IB credit, will be processed by the registrar’s office once official transcripts or score reports are received. Transfer credit equivalencies are determined by the registrar’s office, in consultation with faculty. The following

outlines the policies related to transfer credit and the processes in place to complete transfer credit evaluations.

Credit is awarded for graded college-level course work completed at institutions accredited by a regional or national accrediting organization recognized by the Council for Higher Education Accreditation (CHEA). Courses must be similar in nature, level, and content to a course in our undergraduate curriculum and applicable to a St. Norbert College academic program.

Foreign institutions must be recognized by the Ministry of Education in that country. To receive credit for courses that you have taken at another college or university outside the United States, you must submit your academic records to a professional evaluation service currently recognized by [NACES](#) for review. St. Norbert College recommends one of the following evaluation services:

- Educational Credential Evaluators (ECE)
- World Education Services (WES)

Continuing education courses or units, graduate-level courses, and courses that are remedial, technical, vocational, non-credit, or doctrinal in nature are not transferable for undergraduate students.

#### **Grades Required for Transfer**

Transfer credit must be on an official college-level transcript to transfer. Coursework listed only on a high school transcript is not considered for transfer. Students must earn an equivalent grade of “C” or higher for coursework to transfer to St. Norbert College. St. Norbert College does not award transfer credit for grades below “C”. Satisfactory/Unsatisfactory and Pass/Fail coursework will not be transferred. Transfer credit is posted with the grade of “TR” and is not calculated into the students’ grade point average.

#### **Transfer Credit Hours Awarded**

Transfer credit is awarded in semester credits at the credit value the course was taken. For example, if a course accepted for transfer credit was 3 semester credits, the credit transfer will be applied to the student’s St. Norbert College record as 3 semester credits. Only courses with a value of at least 3 semester hours will be evaluated to meet core, major, or minor requirements. An official transcript must be received from the transfer institution before any transfer credit will be given.

### **Duplicate Credit**

Students cannot earn duplicate credit for a course. Students who choose to retake a transferred course at St. Norbert College (including AP and IB credit), the transferred course will be removed from your St. Norbert College record.

### Double Majoring

Students double majoring in disciplines that qualify for different degrees receive only one degree from St. Norbert College though all majors and minors completed appear on the transcript. The primary major of the student will determine which degree is awarded.

### Cross-listed Courses

Courses crosslisted between programs may be used to fulfill major and/or minor requirements of both programs.

### Graduation with Honors

Students will graduate with honors if the final grade point average is as follows:

3.50 - 3.74 = Cum Laude

3.75 - 3.89 = Magna Cum Laude

3.90 - 4.00 = Summa Cum Laude

Transfer students must complete a minimum of 48 semester credits at St. Norbert College to be eligible for academic honors. (The grades for work completed elsewhere will not be counted.) The computation is based on the student's entire academic career at St. Norbert College.

### Degree Application

Students must apply for their degree by the end of the first week of their final semester. Applications for graduation are available on the registrar's office website. A graduation application fee is assessed to all students during their final semester of attendance.

### Semester Hours

Beginning in the fall of 2004, the College began to transcript all courses as semester hours in which one full course is equivalent to four semester credit hours. All courses listed in the catalog are full courses (4 semester credit hours) unless otherwise noted.

### **Course Registration**

Students have the right and responsibility to register for each academic term in which they are eligible to enroll. The institution does not automatically register any student in the next term without that student's affirmative consent to such registration or the opportunity for the student to cancel that registration before the student is assessed tuition or fees for that term. [Recruiting, Admissions and Related Enrollment Practices, FDCR.A.20.020]

### Course Load

A normal course load for full-time students during the regular academic year is 16 semester credits. No student may take more than 18 semester credits in any given semester except by permission of their advisor. The maximum number of credits allowed in any one semester is 20 semester credits. Course load for the winter session (J-Term) is limited to four semester credits. Course load for summer sessions is limited to a total of 16 semester credits with no more than four credits in any session.

Full-time status is defined as 12 semester credits for undergraduate students and six semester credits for graduate students during the fall and spring semesters.

### Credit-Hour Definitions and Workload Expectations

Credit-hour definitions and workload expectations for students are established in line with the [Higher Learning Commission policy on assignment of credits](#).

**4-credit classes with no labs** (group instruction; regular classroom meetings; assigned homework, reading, writing, preparation for examinations and/or quizzes; no laboratory, studio, or practicum component). Each credit is associated with 45 hours of student work in class, and an additional 180 hours of student work outside of class.

Courses that meet on **Mondays, Wednesdays, and Fridays for 60 minutes each session** over the full semester carry the expectation that students will work on course-related activities for approximately three hours outside of class for every class period for an average total of 12 hours per week in- and outside of class. The syllabus contains additional information about meeting times and expectations for student work.

Courses that meet on **Tuesdays and Thursdays for 90 minutes each session** carry the expectation that students will work on course-related activities for approximately 4.5 hours outside of class for every class period for an average total of 12 hours per week in- and outside of class. This syllabus contains additional information about meeting times and expectations for student work.

Courses that meet for **one, three-hour class period** (day specified in course registration system) carry the expectation that students will work on course-related activities for approximately nine hours outside of class for every class period for an average total of 12 hours per week in- and outside of class. This

syllabus contains additional information about meeting times and expectations for student work.

**4-credit classes with labs** (group instruction; regular classroom meetings; assigned homework, reading, writing, preparation for examinations and/or quizzes; plus laboratory, studio, or practicum component). Each credit is associated with 45 hours of student work in class, and an additional 180 hours of student work outside of class.

Courses that meet on **Mondays, Wednesdays, and Fridays for 60 minutes each session** and one, 110-minute laboratory session each week (day specified in course registration system and syllabus) over the full semester carry the expectation that students will work on course-related activities for approximately three hours outside of class for each class period, for an average total of 17 hours per week in- and outside of class. The syllabus contains additional information about meeting times and expectations for student work. Note some lab periods for some courses at St. Norbert are 170 minutes, carrying an expectation of 18 hours per week in- and outside of class.

Courses that meet on **Tuesdays and Thursdays for 90 minutes each session** and one, 110-minute laboratory session each week (day specified in course registration system and syllabus) over the full semester carry the expectation that students will work on course-related activities for approximately 4.5 hours outside of class for every 90 minute class period and three hours for each lab period for an average total of 17 hours per week in- and outside of class. This syllabus contains additional information about meeting times and expectations for student work. Note some lab periods for some courses at St. Norbert are 170 minutes, carrying an expectation of 18 hours per week in- and outside of class.

#### **Part-of-term courses**

Two-credit, part-of-term courses meet for three, 60-minute or two 90-minute class periods each week for 7.5 weeks of the semester, and carry the expectation that students will work on course-related activities (reading, writing, studying, completing assignments, etc.) for approximately three hours (three class meetings) or 4.5 hours (two class meetings) for every class period for an average total of 12 hours per week in and outside of class. The syllabus contains additional information about meeting times and expectations for student work.

#### **4-credit internships**

These meet for three, 60-minute class periods each week, and require students to spend a minimum of 120 hours at the internship or practicum site over the semester. Internships also carry the expectation that students will work on course-related activities for approximately three hours outside of class and the internship site for every class period. The syllabus contains additional information about meeting times and expectations for student work.

#### **Independent Study and Directed Research**

Over the term, students are expected to complete 180 hours (at least 45 hours per credit hour) of learning activities to include regularly scheduled student-instructor meeting time, scheduled research lab time, reading, writing, studying, completing class and/or laboratory assignments, etc. The syllabus contains additional information about meeting times and expectations for student work.

#### Adding or Dropping Courses

Students may change their schedule via the College's online system during the drop-add period – up to the end of the fifth day of fall and spring semesters and up to the end of the second day of J-Term and summer sessions. Courses dropped during this period are not recorded on a student's transcript. Seven-week courses that start during the second half of fall or spring semesters are added or dropped within the same drop-add period. (The College Refund and Course Cancellation Policy addresses the financial impact of dropping courses or withdrawing from the College.)

#### Early College Credit Eligibility

High school students must have completed at least two years of high school to be eligible to register for classes on the St. Norbert College campus as part of the Early College Credit program.

#### Withdrawing from Courses

Students may withdraw from a course or courses or completely withdraw from the College after the add/drop period to the established last day to withdraw without penalty and receive a grade of "W." A student may withdraw from a course by (1) obtaining the written permission of the academic advisor, (2) notifying the instructor, and (3) submitting the completed form to the Registrar. No adds, drops or withdrawals are official until submitted to the registrar's office. Also, see [Withdrawals](#).

#### Participation in College-Sponsored Activities

St. Norbert College is committed to making opportunities available for students to engage in the

full range of experiences that constitute a St. Norbert College education. These include co-curricular and extra-curricular activities. On occasion these activities may conflict with class meeting times. Even though coaches and directors may communicate with faculty about College-sponsored events that may conflict with a class, it is the student's responsibility to contact the instructor prior to missing classes to make reasonable arrangements for any make-up work. Examples of College-sponsored activities include: intercollegiate athletic competitions, academic competitions and other activities that enhance student learning. In the term where College-sponsored events are particularly heavy, students should consult with their academic advisors regarding course workload and scheduling. They should consider meeting with their instructors prior to the start of the term.

#### Co-Curricular Activities During Finals Week

St. Norbert College is an institution of higher education, and the academic process is key to collegiate success. Keeping this in mind, all extra-curricular activities, including student organization events, programming activities, intramural and club sport activities, and intercollegiate athletic events, shall not be scheduled after midnight the last class day of each semester. The exception may be post-season tournament participation by an intercollegiate athletic team.

#### Academic Honor Code

The learning process succeeds only when students perform honestly on assignments and examinations. All students are expected to abide by the academic honor code. It defines academic dishonesty and sets forth the responsibilities of faculty and students in the event of alleged dishonesty. Possible penalties for dishonesty include grade reduction, failure of the course, failure and suspension, or failure and dismissal. Please refer to the current student handbook, *The Citizen*, or the registrar's web site for the full text of the academic honor code.

#### Dean's List

Students who are registered for full-time study and complete 12 or more graded credits with a final grade point average of 3.50 or better with no grades of "F" earn a place on the Dean's List. Students with any incomplete grades are precluded from inclusion on the Dean's List until all grades are resolved and recorded by the registrar's office. Courses that are graded satisfactory/unsatisfactory do not count toward the required 12 credits. This includes, but is not limited to, student teaching, study abroad, PHED courses, and internships.

#### Repeated Courses

When a course is repeated at St. Norbert College, all attempts are shown on the transcript; however, only the last grade is counted toward the GPA, in the quality points, and in the credits earned. Courses that can be repeated for credit, such as special topics, music lessons and ensembles, are not subject to this policy.

#### Student Classification

Students intending to register for classes on the St. Norbert College campus must have completed two years of high school study (or the equivalent) before the academic term in which they would like to enroll. Exceptions to this policy must be approved by the vice president for academic affairs. This age restriction does not apply to St. Norbert College-sponsored dual credit courses taught in the high schools.

Students are classified based on the following number of credits completed:

Freshmen = 0-27 semester credits completed

Sophomores = 28-55 semester credits completed

Juniors = 56-87 semester credits completed

Seniors = 88 or more semester credits completed

### **Registering for Special Courses**

#### Independent Study and Arranged Courses

The academic program at St. Norbert College is designed to provide maximum flexibility of opportunities to students for meeting their educational goals. An important aspect of the academic program is approved independent study under the supervision of a faculty member. There are two basic approaches to independent work by the student. The first is independent study of a course listed in the catalog, called an arranged course. The second is expansion of a student's study which goes beyond the content of regular courses listed in the catalog through a special topic, directed readings or directed research, or work-study. The titles of the independent work may vary from one academic area to another. The requirements for these, however, are standard.

Students registering for independent work that is not part of an available course must secure approval in advance of registration from the supervising faculty member and the divisional dean. To secure approval, students must submit a written proposal including a summary of what is to be accomplished in the course and how it is to be accomplished. The proposal should be developed with the assistance of the student's advisor or the supervising faculty member or both. There should be enough copies prepared to be kept on file with the advisor, faculty member,

registrar and the appropriate divisional dean(s). As would be required in any course, the student should submit to the instructor evidence of the work accomplished. This evidence should be sufficiently extensive to permit a valid evaluation of the quantity and quality of what the student has accomplished in the course.

#### Audits

Full-time students may audit up to four semester-credits each semester at no additional charge. Registration for an audit is on a space-available basis.

Students may not audit required courses or lessons in their major; physical education coursework; or global seminars.

Individual faculty members will set the conditions under which their courses may be taken as an audit rather than for credit. Students registering to audit a course are expected to maintain a normal attendance pattern in that class. A student who does not fulfill the conditions set forth by the instructor will not have the course and the grade (AU) will be entered on the permanent record.

No course may be changed from credit to audit, or vice versa, after the end of the drop/add period. If a course is taken for audit, it cannot subsequently be taken for credit unless it is a music ensemble.

#### Internships Taken for Credit

In order to earn academic credit at St. Norbert College for an internship or field experience, students must register for a formal internship course.

Successful completion of that internship course involves the student working toward completing specific learning objectives that are relevant to the on-site work experience and to the student's career goals or major (the Learning Agreement). The internship earning academic credit is guided and assessed by both an on-site supervisor and a collaborating St. Norbert College faculty member.

#### Student Eligibility Requirements

1. Student interns must have junior or senior standing. Rare exceptions may be approved by a divisional dean or dean of the business school.
2. Students must have a minimum 2.50 cumulative GPA to be eligible to register for a credit-earning internship. Students with a cumulative GPA lower than 2.50 must obtain approval to register for an internship from the collaborating faculty member.
3. A maximum of eight internship course credits may be taken as part of the 128 credits required for graduation. Students may only take one internship course at each internship site.

Exceptions may be approved by a divisional dean or dean of the business school.

#### Required Features of an Internship Receiving Academic Credit

1. Students and collaborating faculty members should check the college catalog to determine if the internship course regularly earns credit that counts toward the student's degree or certificate program. If the internship course is not listed in the college catalog as a required or elective class for a particular degree or certificate, the student should complete a Course Substitution Form and submit it to the registrar's office.
2. Students are required to work a minimum of 120 hours at the internship site over the course of a 15-week semester. Some programs may require more hours; check with the collaborating faculty member.
3. The on-site internship experience must take place during the semester the internship course is taken. That is, the internship and the internship course must be taken simultaneously. Rare exceptions must be approved by a divisional dean or dean of the business school.
4. Students can receive academic credit for either paid or unpaid internships. **Campus jobs funded by St. Norbert College are not eligible to be considered as internships for credit.**
5. An internship course can be counted toward two degree programs only if the student has a double major within the same academic division. Approval by the appropriate discipline coordinator(s) overseeing the internship courses is required for this arrangement and is based on whether it is felt that the work responsibilities of the internship meets criteria for fulfilling requirements in both degree programs. Even when such double dipping is allowed, the student still only receives four credits for the internship course. A Course Substitution Form should be completed and submitted to the registrar to designate an internship course as fulfilling two electives.
6. Students are not allowed to receive credit if they intern with a family business or if a relative is serving as the on-site supervisor.
7. Normal tuition policies apply to internships taken for credit.

#### Registering for an Academic Internship

1. Identify an internship for which you would like to receive academic credit. Talk with a collaborating faculty member, or make an appointment with the center for academic advising & career

development for assistance with resources in locating and securing an internship.

2. Secure the help of a collaborating faculty member who will oversee your work during the internship experience. International students should begin the internship process by contacting the Center for Global Engagement.

If you are registering for an accounting, business administration or economics internship (BUAD 494) or a human services internship (SOCI 481/482), the collaborating faculty member will be the assigned instructor for the course. After communicating with that faculty member, you will be able to register for the internship course through the regular process on KnightLine.

For all other internships, the collaborating faculty member will be a professor that you will contact individually and who agrees to supervise your work in an internship course. After securing a collaborating faculty member in this way, use the following process to register for the internship course:

- Fill out a special course registration form. Check the “Internship 494” course box and, in the provided spaces, indicate the “subject” of the internship (this is typically the discipline of your collaborating faculty member) and course title.
- Read about student eligibility and internship requirements with your collaborating faculty member. Have the faculty member sign the special course registration form, certifying both your eligibility to take the course (class standing, GPA) and that the internship is suitable for earning academic credit. Ask the faculty member to provide you with a syllabus for the internship course.
- Bring the signed special course registration form, a copy of the internship course syllabus, and a copy of a signed learning agreement (see below) to the appropriate divisional dean or dean of the business school. When that office provides final approval, the registrar will be notified and you will be registered for the course automatically.

3. All student interns must complete a learning agreement, a set of learning objectives toward which you will be working as part of the internship course. Each learning objective in the agreement must also specify strategies for achieving it and methods by which progress toward that objective will be measured.

## Withdrawals

### Withdrawing From a Course

After the established last day to withdraw without penalty, students may not withdraw from individual courses. The Vice President for Academic Affairs must approve appeals, but for medical reasons only.

After the established last day to withdraw without penalty, except for severe medical reasons (see below), students completely withdrawing from the College will receive a “WF” grade.

### Definition of Medical Withdrawals

A physical or mental health issue that developed after the established last day to withdraw without penalty and is severe enough to keep a student from attending classes and/or successfully completing academic requirements.

A physical or mental health issue that developed before the last day to withdraw without penalty, but did not respond as expected to treatment. That is, students must document that they had been seeing a physical or mental health provider before the last date to withdraw without penalty, that the provider felt the student would respond to treatment and be able to finish the session successfully, but that the expected positive outcome did not occur because of medical reasons (i.e., not because the student did not follow medical advice, etc.).

Medical withdrawals are not official until submitted to the registrar’s office and recorded. Calendar dates of withdrawal deadlines are published for each semester on the registrar’s office web site. Official withdrawals are recorded as follows:

1. During the add/drop period of classes — no record of enrollment
2. After the add/drop period of classes — recorded as “W”
3. After the last date to withdraw — recorded as the grade submitted by the instructor
4. Medical withdrawal — recorded as “W”

Note: An excessive number of withdrawals may affect the academic standing and financial aid status of students. See also Satisfactory Academic Progress.

### Withdrawing from the College

Students who wish to withdraw from all classes must begin the process by contacting the registrar’s office to complete a college withdrawal form and exit interview. If a student withdraws from the College during the add/drop period of classes, only the date of withdrawal will be recorded. No record of specific course enrollment will be made. If a student withdraws from the College after the add/drop

deadline, the grade of “W” will be recorded for each course. The calendar date of the deadline for withdrawal from courses is published each semester on the registrar’s web site. Students who cease attending all classes will be considered for administrative withdrawal effective the last known date of attendance.

- Students who are subject to administrative withdrawal are issued a Notice of Non Attendance by the registrar with a date of when the student is required to return to class.
- This time period is typically ten business days, unless the last day to withdraw is sooner, in which case the time period is shortened.
- Upon the return date, the registrar will check attendance with faculty.
- If the student has returned to class, the Notice of Non Attendance is void.
- If the student has not returned to class, the student will have 48 hours to vacate housing and will be withdrawn from classes, effective the last date of attendance.

An undergraduate student who withdraws or is withdrawn and is not subsequently subject to dismissal may seek readmission only by making a formal application of readmission for the next regular academic semester or year with the registrar’s office.

Tuition refund percentage amount for withdrawals can be found on the bursar’s website. Financial aid recipients who withdraw before 60 percent of the semester has been completed are subject to federal financial aid repayment regulations and may owe a repayment of aid, even if not entitled to a tuition refund. The amount of aid a student may keep is in direct proportion to the length of time the student remained enrolled during the semester. Assistance is also available from the offices of financial aid, the bursar (student accounts) and the registrar. (See [Refund Policy for Withdrawal](#) in the fees section of the catalog.)

#### Students Activated for Military Service

Currently enrolled students called up to active military duty during a semester will be placed on immediate deferred grade status. The student and instructor(s) will jointly confer when time permits, to determine if the course(s) enrolled can be completed in a timely basis, if a grade can be issued for work completed to date, or if the student should be withdrawn without penalty.

Students called up to active military service must provide a copy of the formal orders and correspondence to the registrar’s office. If the timing

or situation does not permit a student to present their military orders prior to leaving campus, the student may withdraw by sending a signed written request for a military withdrawal along with a copy of their military orders to the registrar’s office.

Students who process a military withdrawal will receive:

- 100 percent tuition and fees refund for the semester of withdrawal
- All institutional and state funded financial aid for the semester will be removed from the student’s award and billing statement and will not count towards the eight semester maximum
- Federally funded financial aid will follow ‘Return of Title IV Funds’ procedures as noted in the college catalog and in accordance with federal regulations. Any federal aid the student is eligible to retain can be applied to housing and meal costs
- Meal plan and housing refunds will be pro-rated, based on date of the withdrawal
- Unused meal dollars will be refunded
- Transcribed grades of “GI” for courses with no attempted credit recorded

Note: Military withdrawal is available only to students who:

1. Are actively serving members (active duty and reserve duty components) of the U.S. armed services (not a contractor or civilian working for the military)
2. Are ordered to relocate and, as a result, are unable to meet class attendance and other participation requirements, including web-based activities

#### **Readmission**

Students who withdraw or stop attending St. Norbert College and subsequently decide to re-enroll must apply for readmission. Applications for readmission are available on the registrar’s web site. Applications for readmission are reviewed by the registrar and vice president of academic affairs and the appropriate dean.

Those students who did not withdraw and are in good academic, social, and financial standing and have not enrolled in another post-secondary institution since last attending St. Norbert College will automatically be accepted. Students who left St. Norbert College on probation or who were dismissed or withdrew from the College are reviewed for readmission. Students who attended another college must submit official transcripts from each institution attended along with their application for review. Students readmitted are required to submit an admission deposit upon acceptance.

### Guidelines for Readmission of Students

The readmission process begins with the following steps:

1. Complete an application for readmission on the registrar's website
2. Agree to make appropriate housing arrangements with residential life
3. Meet all financial obligations to the College
4. Provide an official transcript showing satisfactory work elsewhere, if additional school work has been done
5. Accurately document activities undertaken since leaving St. Norbert College

### Guidelines for Readmission After Medical/Mental Health Withdrawal

As an integral component of the re-application process at St. Norbert College, students that withdrew for medical reasons must obtain a recommendation from St. Norbert College health and wellness services to be readmitted. This process must include at least one of the following:

1. Student provides medical documentation from a licensed health care provider to the senior director of health and wellness services or senior director of counseling and psychological services indicating the condition that led to the withdrawal has been addressed and successful completion of future coursework is anticipated
2. Student meets with the senior director of health and wellness services or senior director of counseling and psychological services to review medical records and determine eligibility for readmission

### Guidelines for Readmission After Poor Academic Performance

Students who leave because of poor academic performance will be evaluated on their demonstrated readiness to return to St. Norbert College's academic environment and the likelihood of their eventual successful completion of a degree in a timely manner. Students can apply for readmission after being away one full semester. Readmission decisions will be based on the following criteria:

1. The student's insight into what caused the original academic difficulty
2. Evidence that the things that prevented successful academic performance previously have changed positively
3. The amount of time spent away from St. Norbert College and that the time has been used productively (statements from employers or others may be requested)

4. Academic achievement, if undertaken, has improved substantially

### **Satisfactory Academic Progress**

St. Norbert College expects a student to pass courses and maintain a minimum grade point average in order to complete degree requirements in four years. Because deviation from the norm is inevitable for a few students, the following criteria are used in considering whether a student is making acceptable progress toward a degree. A student may be placed on academic warning, probation, continued probation or dismissed from the College for either an unsatisfactory GPA or for withdrawing from and/or failing courses.

#### Good Academic Standing

A student is considered to be in good academic standing if their cumulative GPA is above 2.00 and they are making credit progression.

#### Unsatisfactory Grade Point Average

The minimum satisfactory GPA is 2.00. All students whose GPA falls below a 2.00 will be placed on academic probation. Any student who does not achieve a 1.0 GPA in his or her first semester at St. Norbert College will be dismissed.

#### Academic Warning

Any student who has a cumulative GPA between 2.00 and 2.29, who earns a semester GPA below 2.00 and is otherwise in good academic standing, shall receive an academic warning. An academic warning signals that a student is heading for probation or dismissal if continued academic performance does not improve. Students can be placed on probation or dismissed without receiving an academic warning first.

#### Credit Probation

All students are expected to complete 2/3 of their attempted semester credits. Students who fall below this level can be placed on Credit Probation.

#### Credit Progression and Withdrawal

Students who are in otherwise good academic standing for two consecutive semesters yet fail to meet the credit progression standards due to a full semester withdrawal from the College in an earlier semester, will be reviewed for a credit progression waiver. Students having withdrawn from the College may be placed on credit probation upon re-admittance.

#### Probation and Continued Probation

A student who has not made satisfactory progress (defined above) will be placed on probation. Students on probation will be expected to complete a

minimum of 75 percent of all attempted credits with a minimum semester GPA of 2.00 in the next semester of attendance. Students who accomplish this probation requirement but have not reestablished good academic standing may be placed on continued probation until they reach good academic standing. Students on continued probation must complete 100 percent of all attempted credits with a minimum semester GPA of 2.00 and/or regain good academic standing to continue their enrollment. Failure to meet probation or continued probation requirements will result in dismissal.

#### Academic Dismissal and Appeals

All student dismissals from the College may be appealed. To appeal, a student must submit an appeal form to the academic action committee. The appeal form, with instructions, will be sent to all students who are dismissed.

Some mitigating circumstances that may cause a student to fail to meet academic progress standards include family difficulties, such as divorce or illness; death of a parent or relative; interpersonal problems with friends, roommates or significant others; difficulty balancing work, athletics and family responsibilities; or financial difficulties.

Students who do not demonstrate a mitigating circumstance who successfully appeal their dismissal are not eligible for any institutional, state, or federal financial aid. Students may enroll with the registrar's approval for the winter (J-Term) or summer semesters as a non-degree student in order to improve their academic standing or to appeal a dismissal.

Academic dismissals are permanently recorded on the student's transcript.

#### Maximum Time Frame

Students will not be eligible to receive financial aid if they attempt more than 150 percent of the normal credits required for a degree. At St. Norbert College, this means that a student in a degree program requiring 128 credits for graduation will be eligible for financial aid during the first 192 credits attempted as a degree-seeking student. All attempted courses are counted, including transfer courses, whether or not financial aid was received or the coursework was successfully completed.

The full 128 semester credits must be completed by the end of the ninth semester, unless special arrangements have been approved by the vice president for academic affairs. Unless exceptions are made for significant reasons, students who fail to meet the minimum progress requirement will have their cases referred to the vice president for academic affairs for action, which may take the form of

probation, continued probation, or dismissal. If either probation or continued probation is granted, the student will have continued financial aid eligibility.

#### Measuring Academic Progress

The following are considered when evaluating a student's academic progress:

1. Withdrawals, incompletes, and failures are considered attempted but not earned courses
2. Passing grades received for satisfactory/unsatisfactory graded courses are considered attempted and earned courses; failing grades in these courses are considered attempted but not earned courses
3. Repeated courses are included in the calculation of both attempted and earned courses
4. Audit courses are not considered courses attempted or earned
5. Remedial courses are included in the calculation of both attempted and earned courses
6. Transfer credits, including those received through approved study abroad programs or consortium agreements, do not count in the calculation of the GPA but are included in the calculation of both attempted and earned courses

Students who change majors may petition the vice president for academic affairs for a waiver of progress requirements, so that only the hours from the previous major(s) that will count towards the student's new degree requirements are included in the calculation of attempted and earned hours.

### **Examination Policies**

#### Final Examinations

The schedule of final examinations is published each semester on the registrar's web site. Whether or not a final examination is given in any particular course is a matter for the instructor to decide. If a final examination is given, it must be given at the time assigned in the schedule. Take-home examinations should be scheduled for return to the instructor during the scheduled examination time; instructors cannot require an earlier return time.

The last examination in a course may not be given during the last week of classes. A unit examination may be given during the last week of classes only if it is followed by a final examination given at the scheduled time. Violations of this policy should be reported to the appropriate divisional dean or dean of the business school. The registrar or the vice president for academic affairs must approve any change in examination times.

Outside Examinations

Examinations scheduled outside regular class hours are to be avoided by instructors, except when a longer period of time is required or when comparable results are needed from different sections of the same

course. Instructors are required to give students advance notice and must allow students to take a make-up examination if they cannot be present for an examination outside normal class hours. Evening exams should not be given before 7 p.m.

## Grading Policies

### Grading System

The St. Norbert College grading system is as follows:

Grade	Quality Definition	Points
A	Excellent performance	4.0
AB		3.5
B	Good performance, high pass	3.0
BC		2.5
C	Satisfactory performance, pass	2.0
CD		1.5
D	Marginal performance, pass	1.0
F	Fail	0.00
WF	Withdraw failing	0.00
P	Pass	
S	Satisfactory work, "C" level	
U	Unsatisfactory work	
W	Withdrew	
I	Incomplete	
CT	Continuing course	
AU	Audit	
NR	Not reported	
IP	In progress	
AW	Awarded credit	
T/TR	Transfer credit	
NT	Not transferable, Study abroad below "C"	
GI	Military Activation	

All grades are entered on the student's permanent record. No grade may be changed after one year from the date the grade was originally given. Suspensions or dismissals as a result of academic dishonesty, judicial sanctions, or academic performance will be noted on official transcripts.

The grading system at St. Norbert College is based on the assumption that a student either receives credit or does not receive credit for work undertaken. Credit can be earned for the same or equivalent course of study only once. The quality of a student's work is expressed in grades and grade points. A 4.00 grade point system is used under which a student earns grade points for each course successfully completed. If credit is denied, the marks of "F," "W," "WF," "U," "NT," "NR" or "I" are shown next to the work undertaken. If credit is earned, a range in evaluation from A to D, or S, is given to denote the quality of the work done. Grades in all courses attempted at St. Norbert College shall be computed in the GPA except those courses evaluated "W," "I," "NR," "IP," "AU," "S," "U," or "CT." "NT," "S" and "U" credits attempted are calculated into total credits attempted for satisfactory academic progress determination. Master's thesis and advocacy projects are to be graded on a Satisfactory ("S") or Unsatisfactory ("U") basis in which "S" equates to work meeting program requirements in all areas of evaluation as determined by the readers and a "U" equates to work that does not meet minimum requirements in one or more areas of evaluation.

Students activated for military duty are given grades of GI for all coursework. No quality points or credits are issued.

### Mid-term Performance Evaluation

To assist students in the evaluation of their performance during each academic semester, the College has implemented a mid-term performance evaluation program in which students are informed of marginal but passing (D) or unsatisfactory/failing (F) work in any given course at mid-semester. A copy of the report is sent to the student's academic advisor. Faculty are encouraged to assign midterm grades for all students so that students have an accurate grasp of their progress in any given course at mid-semester.

### Incomplete Grades

St. Norbert College expects students to complete all course requirements on schedule. It is assumed that faculty are prudent in establishing and communicating course requirements early in the semester. It is also assumed that students, in consultation with their advisors, will undertake responsibilities commensurate with their abilities and their curricular and co-curricular commitments.

The grade designation of "incomplete" (I) is used when some coursework or the final examination has not been completed due to a serious reason beyond the student's control. Incompletes are an option only if the student has extenuating circumstances that occur following the last date to withdraw from a course without penalty, which is indicated on the academic calendar for each term.

A student or faculty member who believes there is a legitimate need for an incomplete should fill out a Request for an Incomplete form on the registrar's website, following the last date to withdraw without penalty and before the end of exam week for the term. A Completion Contract is required for any incomplete grade submitted. Once a Completion Contract is on file, the student may not subsequently withdraw from the course.

Unless the instructor stipulates a shorter time period for completion of the work, the Completion Contract must be satisfied within eight weeks of the last day of exam week for the term. Once the work is completed, the instructor must submit a final grade to the Registrar's Office. If the work is not completed within the specified time period, or no final grade is submitted, the incomplete will convert to the failing grade of "F." Once an incomplete has been converted to a letter grade, no further grade changes will be allowed.

A student may not be enrolled for credit in any course that has an incomplete course as a prerequisite nor graduate while an incomplete designation for a course remains on the student record. Incomplete

grades will not delay the dismissal or probation status processing of a student.

### Change of Grades

Grades become final upon receipt in the registrar's office and may not be changed thereafter unless a clerical error was made in recording the grade originally, or upon successful appeal of a grade. No grade may be changed after one year from the date the grade is originally given.

### Grade Appeal Process

The purpose of the St. Norbert College policy on the appeal of grades is twofold: to protect the student from prejudiced and capricious academic evaluation, and to protect the professional rights and academic freedom of the faculty member in assigning grades.

#### Procedures for Appealing Grades

1. A student who feels that an inaccurate or unfair grade has been awarded must first consult the instructor. This consultation must take place and the appeal process begun no later than six weeks after the beginning of the semester following the assignment of the disputed grade
2. The instructor should explain to the student the process of arriving at the grade
3. If the issue remains unresolved, both the student and the instructor are required to put their explanations in writing
4. The written statements and any supporting documents are forwarded to the appropriate dean or the dean of the business school who will convene the appropriate advisory council\* to consider the appeal. The council will investigate the dispute and make a decision. The advisory council is free to consult faculty and students from the discipline concerned, and the individual disputants, in arriving at its decision. If the faculty member whose grade is being challenged is not a member of a division, the appeal is sent to the vice president for academic affairs. The vice president for academic affairs will convene the divisional deans and the dean of the business school who will act in lieu of an advisory council. If the appeal involves an instructor in physical education, the athletic director will also be a member of the appeal board
5. A copy of the advisory council's decision will be sent to the faculty member, the student and the registrar
6. If either party wishes to challenge the decision of the advisory council, an appeal must be made directly to the vice president for academic affairs as soon as possible after receipt of the decision. Action by the vice president for academic affairs on an appeal is final

While a procedure for grade appeals is necessary, it is anticipated that most disagreements will be resolved at the first stage of the process — a conference between the faculty member and the student. The burden of proof rests on the terms “prejudiced and capricious.” While the policy is intended to uphold the faculty member’s use of professional judgment, it also acknowledges the right of all students to know the basis upon which their work was evaluated and to challenge a perceived injustice through an orderly set of procedures. It is, therefore, the faculty member’s responsibility to preserve records of grades, as well as students’ papers and examinations that were not handed back, at least until the end of the sixth week of the following semester.

\*Due to the professional nature of these deliberations, any student representatives to divisional advisory councils do not attend grade appeals.

## **Selecting a Major**

### Choosing a Major

Students are asked to formally declare their degree program and major once they are enrolled. Students may declare an undecided major until the end of their second year and then must declare an approved program of study. Students are allowed to select second majors, add minors, and attach approved major concentrations throughout their attendance at the College. Students are required to select their program from the catalog in effect at the time of their first enrollment at St. Norbert College. Students may select a catalog that is later than their entry term by petitioning the registrar, but will be required to meet all graduation requirements from their chosen catalog.

### Individualized Majors

Students have the option of structuring an individualized major program on a divisional or cross-divisional basis. The procedure is as follows: before the end of the sophomore year, students select an advisor and together they structure a major program. For interdisciplinary majors, two or more advisors may be selected. Students and advisors should consult with colleagues within the College who may have personal expertise and experience within the chosen area of study. Majors must have a minimum of 40 credits with a minimum of 20 credits at or above the 300 level and are encouraged to have a culminating experience or capstone course designated. Students having a social science related major must include SSCI 224 or an equivalent course within their program. Students need to complete an individualized major application form consisting of program rationale, title, individualized statement of

academic and career goals and objectives, courses included, and a semester completion plan including the core curriculum. This proposal must be submitted to the appropriate divisional dean or dean of the business school and the vice president for academic affairs for approval by the end of the second year. In case of doubt, an appeal may be made to the committee on curriculum and educational policy. Upon graduation, the individualized major and program title are placed on the student transcript. Individualized majors are not approved for students receiving veteran’s benefits.

### Substitution in the Major

Substitutions in a major shall require the approval of the discipline, disciplines, or interdisciplinary committee responsible for the major, and the advice and consent of the student’s advisor.

## **Athletic Eligibility**

To participate in intercollegiate athletics, a student must be enrolled full-time at the College and must have a cumulative GPA of 2.00 or higher. Eligibility shall be determined at the conclusion of each academic term immediately following the completion of the Combined Academic Standing (CAST) report by the Registrar. No student shall continue to compete in intercollegiate contests upon a determination of ineligibility at the conclusion of the term.

A full-time student is one who is registered for the equivalent of three or more full courses, which on a credit system would be 12 or more credit hours. A student may compete while enrolled in less than a minimum full-time program of studies, provided the student is enrolled in the final semester of the baccalaureate program and the College certifies that the student is carrying (for credit) the courses necessary to complete degree requirements, and the student satisfies an exception provided in the NCAA Division III operating manual.

Transfer students and students readmitted to the College are immediately eligible for athletics if they have maintained a GPA of 2.00 or above in all previously attempted college work.

Student-athletes ineligible as a result of a GPA below 2.0, may continue to practice only (not compete) under the following circumstances:

- Practice during J-Term during which time the student-athlete completes coursework to earn certification for athletic eligibility.
- Practice during the “non-traditional” season (during the spring or fall semester) to prepare for the upcoming traditional season and earn certification for

athletic eligibility. Practice during the non-traditional season consists of no more than 20 hours of contact with coaches over a 4-week consecutive period.

In either case, once the certification decision has been made, the student-athlete must be eligible or cease all participation until the next subsequent certification period.

### **Services for Students with Disabilities**

The director of services to students with disabilities provides academic support to and advocacy for students who have presented documentation of disabilities from appropriate licensed and/or certified professionals. The director determines student eligibility for specific accommodations and works with students and faculty to ensure that the needs of students with disabilities are met. For additional information, call (920) 403-1321.

### **Students with Disabilities and Core Curriculum Requirements**

For students with learning disabilities or, in some cases, a physical disability, the core curriculum committee shall make decisions about the satisfaction of core curriculum requirements in accordance with the following policies:

1. The student shall have a medical and/or psychological assessment prepared by a licensed and/or certified professional that diagnoses the problem and suggests appropriate academic accommodations. The assessment shall be on file

in the office of the coordinator for students with disabilities

2. With consultation between the director for students with disabilities and the faculty members who teach the student, the College shall provide reasonable and appropriate accommodations identified in the assessment as a means of meeting specific learning needs so that the student is able to meet the core curriculum program requirements
3. Substitution of a course in order to meet distribution area requirements shall be considered by the core curriculum committee only if the College is unable to provide any other appropriate accommodation or if testing demonstrates incontrovertibly that the student is incapable of meeting a distribution area requirement through selection of one of the approved courses
4. The allowable substitution shall be determined by the core curriculum committee in consultation with the coordinator for students with disabilities and the faculty in the discipline from which a substitution is being considered
5. Appeals regarding requests for appropriate and reasonable academic accommodations should be made to the academic accommodations review panel in accord with the "Appeals Process for Disputes Regarding Academic Accommodations" (*Faculty Handbook*)

# THE CURRICULUM

## LEARNING OUTCOMES AND ASSESSMENT OF ACADEMIC PROGRAMS

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Consistent with its mission of providing an educational environment that fosters intellectual, spiritual and personal development, the College has established a program of student learning outcomes assessment. The aim of the program is to examine the extent to which the College is successful in achieving the objectives of the mission and to use this information to improve major, minor and core curriculum programs at the College.

Our three core traditions promote student learning outcomes that include skill development in critical and analytical thought, quantification, synthesis, problem solving and communication. Our students learn to apply these skills as responsible citizens of a diverse, interdependent and changing world. In all aspects of campus life, students are encouraged to identify, test and strengthen their moral convictions, act with personal integrity, develop meaningful personal goals, and build relationships based on mutual respect.

Ours is a decentralized approach to assessment, meaning that each of the programs at the College is responsible for specifying outcomes which define what students are expected to know, to value, and to be able to do, and for identifying methods to determine the extent to which these outcomes are being met. As such, students in different major fields may be asked to complete different assessment measures, ranging from standardized tests, to senior projects or theses, to portfolios, to structured interviews. In addition to the assessment of major and minor programs, students provide data relevant to the objectives of the core curriculum program and to broad College-wide objectives that encompass a variety of programs. In addition, students are asked to provide responses to a series of surveys, some developed locally and others developed and normed on national samples, beginning during first-year orientation, continuing annually through commencement and administered periodically to alumni. Collectively, these assessment data provide an informative picture of what St. Norbert College students know, value and are able to do and, in some instances, how they compare to students at other colleges and universities across the country.

The College is committed to using assessment data in its planning and budgeting process and its efforts to strengthen the various College programs in academic affairs, and mission and student affairs. By providing assessment data, students are important collaborators with the College faculty, staff and administrators in the process of improving the institution for current and future students.

## ACADEMIC DEGREES AND PROGRAMS

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St. Norbert College offers undergraduate and graduate degree programs through its five principal academic divisions – visual and performing arts, humanities, natural sciences, social sciences, and the Schneider School of Business and Economics.

The College offers interdisciplinary majors in the humanities; interdisciplinary arts, international studies, natural sciences and integrative studies. It also offers interdisciplinary minors in classical, medieval and Renaissance studies; leadership studies; peace and justice studies; and women's and gender studies. Students may earn academic certificates in education, French, German, Japanese, Latin, Spanish or pre-law and take coursework in pre-dental, pre-engineering, pre-medical, pre-pharmacy and pre-veterinary programs. Other academic programs include physical education, international integrated studies, human services, study abroad, military science and the honors program.

**M** = major available      **m** = minor available      **C** = certificate available      **G** = graduate degree available

**SCHNEIDER SCHOOL OF BUSINESS AND ECONOMICS [SSBE]**

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Accounting (M)	Economics (M, m)
Business Administration (M, m, G)	Sports Management (M, m)
Data Analytics (M, m)	

**DIVISION OF HUMANITIES [HUMA]**

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English (M, m)	Philosophy (M, m)
French (M, m, C)	Spanish (M, m, C)
History (M, m)	Theology and Religious Studies (M, m, G)
Latin (C)	

**DIVISION OF NATURAL SCIENCES [NSCI]**

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Biology (M, m)	Health and Human Performance (M, m)
Chemistry (M, m)	Mathematics (M, m)
Computer Science (M, m)	Natural Science (M)
Earth Science (M, m)	Physics (M, m)
Engineering Physics (M)	Robotics (m)
Environmental Science (M)	

**DIVISION OF SOCIAL SCIENCES [SSCI]**

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Broadfield Social Studies (M)	Sociology (M, m)
Communication and Media Studies (M, m)	Education - Elementary and Middle School (K- 9) (M*)
Geography	Education - Middle and High School (4-12) (M+)
International Studies (M)	Education - Kindergarten through Grade 12 (M+)
Political Science (M, m)	Education - General (M)
Psychology (M, m)	

*\*Licensure requires teaching major and Language Arts minor  
+Licensure requires academic major and teaching major*

**DIVISION OF VISUAL AND PERFORMING ARTS [VISP]**

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Art (M, m)	Music Education (M)
Art Education (M)	Theatre Studies (M, m)
Music (M, m)	

**INTERDISCIPLINARY DEGREE PROGRAMS**

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Arts Management (C)	Peace and Justice Studies (m)
Classical, Medieval Renaissance Studies (m)	Women's and Gender Studies (m)
Leadership Studies (m)	

**PRE-PROFESSIONAL PROGRAMS**

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Pre-Dental	Pre-Medical
Pre-Engineering	Pre-Pharmacy
Pre-Law (C)	Pre-Veterinary

**EXTRA-DIVISIONAL PROGRAMS**

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Nursing (dual-enrollment with Bellin College)	Physical Education
Military Science (m)	Washington Semester

# THE CORE CURRICULUM

*Courses that fulfill core curriculum program requirements may also be used to fulfill requirements in the major.*

## PHILOSOPHY OF THE CORE CURRICULUM

The core curriculum is an essential component of St. Norbert College's mission as a Catholic, Norbertine, liberal arts college. It provides students with the skills, knowledge, intellectual preparation, and range of experiential learning that will enable them to flourish as citizens in a complex and rapidly changing world. Furthermore, it offers students a systematic approach to the examination of personal values, habits of leadership and integrity, and spiritual development that are central to the Catholic, Norbertine values upon which the College's identity and purpose are grounded.

### GOALS OF THE CORE CURRICULUM PROGRAM

Within the context of the institution's Catholic, Norbertine and Liberal Arts traditions, St. Norbert students demonstrate the knowledge, skills and values necessary to:

#### THINK CRITICALLY

Indicators may include employing logical analysis and inquiry; evaluating arguments and evidence; demonstrating information literacy and quantitative reasoning; applying knowledge, skills and methods of the natural sciences, the humanities, the visual and performing arts, and the social sciences – including business and economics.

#### COMMUNICATE EFFECTIVELY

Indicators may include accurately conveying and interpreting written, spoken and symbolic forms of communication; communicating in ways appropriate to audience, purpose and context; using communication strategies and technologies effectively and ethically; demonstrating basic skills in more than one language.

#### PROBLEM-SOLVE CREATIVELY

Indicators may include articulating contextual factors and generating relevant questions when defining a given problem; exploring an issue or problem by creating a new approach, product or idea or by synthesizing multiple approaches; evaluating the implications of alternative solutions.

#### BEHAVE ETHICALLY

Indicators may include identifying, reflecting upon and articulating one's own principled values; understanding and applying ethical principles in academic, civic and personal contexts; weighing the ethical consequences of alternative courses of action; advocating for ethical outcomes.

#### INTERACT RESPECTFULLY

Indicators may include collaborating effectively with people from a variety of backgrounds; reflecting critically on cultural biases, including one's own; valuing the differences, commonalities and contributions of cultures and societies throughout time; engaging conscientiously in personal and civic life.

#### SERVE RESPONSIBLY

Indicators may include valuing the inherent dignity of all people; advocating for and building systems that promote justice and the common good; making decisions and acting in ways that reflect awareness of global interconnectedness; practicing stewardship and the responsible use of resources.

#### LIVE PURPOSEFULLY

Indicators may include articulating and acting upon goals and values that support a sense of meaning and purpose in one's life; engaging in behaviors that promote well-being; understanding the faith commitments out of which our institution grows; esteeming the contributions of diverse faith and values perspectives; practicing reflection and contemplation; demonstrating self-awareness.

Lower Level Core Curriculum Courses are designed to:

- Develop student skills in writing, research and oral communication.
- Improve student abilities in creative and critical thinking.
- Foster student understanding of the value of a liberal arts education.

Upper Level Core Curriculum Courses are designed to:

- Advance student skills in synthesis and integration of different methods, perspectives or ideas, and develop the ability to bring together existing knowledge and materials in order to create new connections, approaches or intellectual expressions.
- Engage students in deep critical evaluation and reflection on subject matter or sources of information, and require them to communicate what they have learned using various modes of substantive response.
- Challenge students to identify or evaluate concepts, principles and techniques learned through the course in contexts outside of the classroom; or to use concepts, principles and techniques learned through the course to predict results or propose solutions.

## FOUNDATION COURSES

**>>Theological Foundations [CORE: TF] and Philosophical Foundations [CORE: PF] should be taken by the end of the student's first year.**

THRS 117      Theological Foundations

PHIL 120      Philosophical Foundations in the Study of Human Nature

### **Quantitative Reasoning [CORE: QR] Courses**

Should be completed by the end of the student's second year.

### **Writing Intensive [CORE: WI] Courses**

Should be completed by the end of the student's second year.

This module is fulfilled by taking any course designated as writing intensive in the course timetable and may be drawn from any of the Foundations courses (above) or from any general core courses at the 100 or 200 level.

### **Second Language Competency [CORE: SL]**

Should be completed by the end of the student's third year.

This module is fulfilled by demonstrating basic competence in two languages. Proficiency IN EACH LANGUAGE must be demonstrated by the end of the third year by using one of the following options:

- 1) Providing a high school or secondary school transcript indicating successful graduation. (*Note: an English translation is required if the transcript is not written in English*)
- 2) Earning a passing grade in a second-semester language course at St. Norbert College or a "C" or better at another post-secondary institution.
- 3) Scoring at a skill level equivalent to having completed a second-semester collegiate language course on a course exemption exam available at St. Norbert College.
- 4) Achieving the Seal of Biliteracy
- 5) Demonstrating language competence by test:
  - Earning a score of 3 or better on an Advanced Placement language or literature exam in Chinese, French, German, Italian, Japanese or Spanish; .
  - earning a score of 5 or better on an International Baccalaureate Language A2 HL exam.
  - Tests for languages other than those available at St. Norbert can be obtained at the Brigham Young University Foreign Language Achievement Testing Service (FLATS) or through an ACTFL Oral Proficiency Interview via Language Testing International (LTI), with the student bearing responsibility for

any fees. English proficiency may be demonstrated by TOEFL (min. scores: pbt 550 or ibt 79) or IELTS (min. score: 6.5 composite).

EXAMPLES: a student who speaks Arabic as a first language could demonstrate Arabic competency with a FLATS score and demonstrate English competency with a TOEFL score; a bilingual student who speaks both Spanish and English could demonstrate Spanish competency with an SNC placement exam score and provide a high school transcript to demonstrate English competency; a student who speaks English as a first language could provide a high school transcript to demonstrate English competency and an Advanced Placement exam score of 5 to demonstrate German competency.

Exceptions to this policy must be approved by the Vice President for Academic Affairs.

## GENERAL CORE AND ADVANCED CORE COURSES

**Students must successfully complete one course from each of the following seven general core curriculum areas. Three of these areas must be satisfied by courses taken at the 300 or 400 level in order to fulfill the advanced core requirement.**

### **Beyond Borders [Core: BB]**

This area explores the civilizations and cultures of the world in a variety of contexts, historical or contemporary, either studied in their own right or through the interactions and relationships between them. Courses in this area may cover one or more of the following subjects: culture, geography, history, politics, religion, trade and commerce – but ideally and naturally some combination of these. This area provides learners the opportunity to deepen their understanding of the world’s cultural diversity.

### **Catholic Imagination [Core: CI]**

This area focuses on the Catholic intellectual tradition and its continuing interactions/dialogue with the world, including art, literature, and science. Courses in this area explore a variety of subject matter, grounded in Catholic theology, such as contributions and manifestations of Catholic sensibility in issues of historical and contemporary significance. Such courses allow students to explore the reciprocal enrichment between the Church and the world as a result of dialogue through the ages, including ways in which the Catholic tradition engages the needs and opportunities of communities and the world.

### **Difference and Diversity [Core: DD]**

This area cultivates an understanding of the historical and contemporary challenges faced by various groups within the U.S., commonly identified by characteristics such as class, culture, ethnicity, gender, race, and religion. A study of these groups’ identities and the voices with which they speak illustrates their contributions to the rich and complex U.S. mosaic. Courses in this area explore how these identities are constructed and how the internal dynamics and external interactions of such groups continue to inform and shape our experience. In turn, these questions challenge students to think critically about commonly held views of equality, justice, citizenship, and identity.

### **Expression and Interpretation [Core: EI]**

This area examines ways in which literature and the visual and performing arts resonate in human experience. Courses in this area encourage students to contemplate and theorize humanities and fine arts. Through creative engagement and critical thought, students will develop an understanding and appreciation of the creative process and cultivate the ability to make positive contributions to knowledge, society, and culture.

### **Individual and Society [Core: IS]**

This area focuses attention on the nature of the individual, of society, and the relationship between the two. Courses in this module consider empirical research as well as historical and contemporary thought on the nature and

development of the individual (including common attributes and individual differences, the character and evolution of society – including complex institutions such as family, economy, and government), and the relationship between the two. These courses help students identify and apply theoretical and methodological perspectives of a social science in order to understand themselves and their place in the social world.

### **Physical and Natural World [Core: PN]**

This area introduces topics ranging from physical and chemical processes that shape the earth and universe, the historical and contemporary impact of human geography on climate and the earth's biota, to the interplay among health, environment and technology. Courses in this area, while being grounded in the fundamentals of the natural sciences, may include disciplinary, multi-disciplinary, and interdisciplinary perspectives on the physical and natural world. Students will be introduced to the basic concepts of science, methods of science, and the interdisciplinary nature of science through inquiry, critical thinking, application, and communication. This subject matter, when synthesized into a meaningful whole, allows learners to develop an informed perspective on the physical and natural world and our role as responsible stewards of the environment. These courses include a laboratory component.

### **Western Tradition [Core: WT]**

This area helps students understand and evaluate major concepts and values in Western culture. Students will be able to analyze how the Western tradition influences contemporary thoughts or actions. Courses in this area will expose students to the sources and development of ideas that pervade Western society and the Western cultural experience, and may cover Western ideologies, history, government, citizenship, literature, and the arts.

## UNDERGRADUATE ACADEMIC PROGRAMS

### ACCOUNTING [ACCT]

[www.snc.edu/catalog/acct\\_main.htm](http://www.snc.edu/catalog/acct_main.htm)

As a Catholic, liberal arts institution in the Norbertine tradition, St. Norbert College exists to teach by word and example. In support of this motto, the accounting program builds on the liberal arts curriculum, fostering the managerial development of our students with intellectual rigor. Students gain a high degree of expertise and insight regarding business and accounting theories and practice. They are prepared for the professional responsibilities incumbent upon accounting leaders to work ethically for the global common good. This curriculum leads to a Bachelor of Business Administration (B.B.A.) degree with a major in Accounting.

### ACCOUNTING FACULTY

**Jason Haen**, assistant professor of accounting

**Amy Vandenberg**, assistant professor of accounting, coordinator of accounting, graduate school advisor

**Zhuoyi (Zoe) Zhao**, assistant professor of accounting

### COURSE REQUIREMENTS

#### Residency Requirement

In order to earn a B.B.A. degree from St. Norbert College, a student must earn satisfactory credit in at least six required business courses (ACCT/BUAD) at St. Norbert College.

#### Accounting Major - (74 credits)

#### Degree Awarded if Primary Major: Bachelor of Business Administration

The accounting sequence, 128 credits, results in a four-year B.B.A. degree which prepares students to work in accounting in organizations such as service, banking and manufacturing. If students desire to take the CPA exam and work as a certified public accountant, an additional 22 credits are required to be certified as a CPA in Wisconsin. These extra credits can be in any area of study. Students can complete the additional requirements by taking extra courses during summer or J-term Sessions, taking an overload during the regular semesters (over four full courses), or some combination of the above. Courses taken at other qualifying institutions beyond the allowed amount can count toward the 150 credits needed for CPA certification.

#### Required Accounting Coursework

ACCT 205	Financial Accounting
ACCT 305	Accounting Information Systems (spring)
ACCT 315	Managerial Cost Accounting (fall)
ACCT 316	Advanced Managerial Accounting (2 cr; spring)
ACCT 319	Federal Income Tax (fall)
ACCT 320	Accounting for Government and Not-for-Profit (2 cr)
ACCT 321	Advanced Tax (2 cr; spring)
ACCT 325	Intermediate Accounting 1 (fall)
ACCT 326	Intermediate Accounting 2 (spring)
ACCT 418	Auditing (fall)
BUAD 228	Statistics for Business and Economics
BUAD 230	Ethical Leadership
BUAD 270	Marketing Concepts and Issues
BUAD 350	Corporate Finance
BUAD 390	Business Law
BUAD 485	Strategic Management Seminar

ECON 101 Principles of Macroeconomics  
ECON 102 Principles of Microeconomics  
DATA 101 Data Analytics & Info Systems  
MATH 128 Introduction to Statistics **or** MATH 221 Introduction to Statistics with R

#### **Optional/Discipline Approved Electives**

ACCT 289 Accounting Special Topics (2 or 4 cr)  
ACCT 300 Volunteer Income Tax Asstc (4 cr; spring)  
ACCT 495 Public Accounting Internship (8 cr)  
[Instructor Permission Only]

#### **Accounting CPA Major Requirements - (22 credits)**

In addition to the major requirements above, students seeking the CPA certification need to complete an additional 22 credits of electives for a total of 150 semester credits.

#### **Residency Requirement**

In order to earn a B.B.A. degree from St. Norbert College, a student must earn satisfactory credit in at least six required business courses (ACCT/BUAD) at St. Norbert College.

#### **Double Major**

Accounting students may double major, but cannot double major in Business Administration. Within Business Administration, however, accounting students may double major in the following areas: Finance, Marketing, Management, and Supply Chain.

#### **Independent Study**

The number of independent studies in the 128 credits required for the B.B.A. degree is limited to three.

#### **Internship [Instructor Permission Only]**

Internship course, BUAD 494, can be taken only once for credit. Internship course, ACCT 495, can be taken for 8 credits as long as the student has not received credit for BUAD 494. This limit does not affect internships not taken for credit.

## **ART [ART]**

[www.snc.edu/art](http://www.snc.edu/art)

As a vital part of a Norbertine, Catholic, and liberal arts institution, the art discipline at St. Norbert College values the power of the arts in pursuit of knowledge, truth, and beauty. We cultivate a love of lifelong learning, an understanding of diverse cultures, perspectives, beliefs, and collaboration to gain knowledge, to solve problems, and to engage with the world around us.

The art discipline at St. Norbert College emphasizes technical craft as well as contemporary art and design theory and practice. In the tradition of the liberal arts, our students are creative makers whose studio work exists in complement to their other classes and larger experiences. The Carol and Robert Bush Art Center contains studios, classrooms, galleries, and faculty offices for the art program. Three galleries, an exhibition series, the St. Norbert College permanent art collection, guest artists, and field trips to major art museums and exhibitions all enrich the art program. We are one of the few liberal arts colleges to offer distinctive sequences in studio art, graphic design, and art education. Graduates of the art program earn a bachelor of arts degree.

### **ART FACULTY**

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**Brandon Bauer**, associate professor of art  
**David Carpenter**, adjunct instructor of art  
**Debbie Kupinsky**, associate professor of art  
**Brian Pirman**, associate professor of art, discipline coordinator  
**Katie Ries**, associate professor of art

**Graduate school advisor:** any full-time art faculty member

## **COURSE REQUIREMENTS**

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### **Art Major/Studio Art - (54 credits)**

#### **Degree Awarded if Primary Major: Bachelor of Arts**

- ART 110 History of Western Art
- ART 115 History of Modern Art  
**or** ART 205 Art, Technology, and Society
- ART 130 Introduction to Design
- ART 131 Introduction to Studio Art
- ART 134 Basic Drawing
- ART 224 Introduction to Sculpture  
**or** ART 225 Beginning Ceramics
- ART 230 Introduction to Printmaking
- ART 235 Computer Graphics  
**or** ART 280 Intro to Photography and Digital Imaging
- ART 240 Introduction to Painting
- ART 480 Advanced Studio
- ART 499 Senior Art Capstone

*Three of the following:*

- ART 303 Illustration
- ART 324 Intermediate Sculpture
- ART 330 Intermediate Printmaking
- ART 340 Intermediate Painting
- ART 424 Advanced Sculpture
- ART 425 Pottery and Functional Forms
- ART 430 Advanced Printmaking
- ART 440 Advanced Painting
- ART 460 Digital Studio

Note: Art majors will complete a required portfolio review during sophomore year. Majors must also submit an exhibition proposal for approval before registering for ART 499.

### **Art Major/Graphic Design - (52 credits)**

#### **Degree Awarded if Primary Major: Bachelor of Arts**

- ART 110 History of Western Art  
**or** ART 115 History of Modern Art
  - ART 112 History of Modern Design  
**or** ART 205 Art, Technology, and Society
  - ART 130 Introduction to Design
  - ART 131 Introduction to Studio Art
  - ART 134 Basic Drawing
  - ART 235 Computer Graphics
  - ART 280 Intro to Photography and Digital Imaging
  - ART 335 Advertising Design
  - ART 460 Digital Studio
  - ART 480 Advanced Studio
  - ART 485 Design for the Web
  - ART 499 Senior Art Capstone
- Any Studio Course at the 300 level or above

*One of the following:*

- ART 224 Introduction to Sculpture
- ART 230 Introduction to Printmaking
- ART 240 Introduction to Painting

Note: Art majors will complete a required portfolio review during sophomore year. Majors must also submit an exhibition proposal for approval before registering for ART 499.

### **Art /Education Major - (48 credits)**

#### **Degree Awarded if Primary Major: Bachelor of Arts**

- ART 110 History of Western Art
  - ART 115 History of Modern Art
  - ART 130 Introduction to Design
  - ART 131 Introduction to Studio Art
  - ART 134 Basic Drawing
  - ART 224 Introduction to Sculpture  
or ART 225 Beginning Ceramics
  - ART 230 Introduction to Printmaking  
or ART 240 Introduction to Painting
  - ART 280 Introduction to Photography and Digital Imaging  
or ART 235 Computer Graphics
  - ART 480 Advanced Studio
- Plus Capstone Portfolio (non-course based requirement)

*Three of the following:*

- ART 310 Global Art History
- ART 324 Intermediate Sculpture
- ART 330 Intermediate Printmaking
- ART 340 Intermediate Painting
- ART 424 Advanced Sculpture
- ART 303 Illustration
- ART 425 Pottery and Functional Forms
- ART 430 Advanced Printmaking
- ART 440 Advanced Painting
- ART 460 Digital Studio

Note: Candidates interested in earning K-12 Art licensure must also complete the K-12 Teaching Major. See **Education [EDUC]** section for the major as well as additional certification requirements.

### **Studio Art Minor - (28 credits)**

- ART 110 History of Western Art  
or ART 115 History of Modern Art  
or ART 205 Art, Technology, and Society
- ART 131 Introduction to Studio Art
- ART 134 Basic Drawing
- ART 224 Introduction to Sculpture
- ART 230 Introduction to Printmaking
- ART 240 Introduction to Painting

*One of the following:*

- ART 324 Intermediate Sculpture
- ART 330 Intermediate Printmaking
- ART 340 Intermediate Painting

### **Graphic Design Minor - (28 credits)**

- ART 112 History of Modern Design  
**or** ART 205 Art, Technology, and Society
- ART 130 Introduction to Design
- ART 235 Computer Graphics
- ART 280 Intro to Photography and Digital Imaging
- ART 335 Advertising Design
- ART 460 Digital Studio
- ART 485 Design for the Web

## **ARTS MANAGEMENT**

### **Arts Management Certificate** (minimum 14 cr)

LEAD 210 Leadership in the Arts

*Internship – One of the following:*

- ART 494 Internship
- ISHP 494 Internship
- MUSI 494 Internship
- THEA 494 Internship

*Visual and Performing Arts – at least one of the following:*

- ART 110 History of Western Art
- ART 130 Introduction to Design
- ART 131 Introduction to Studio Art
- ART 134 Basic Drawing
- ART 285 Art and a Democratic Society (CENG)
- ART 330 Intermediate Printmaking (CENG)
- MUSI 150 Survey of World Musics
- MUSI 176 Music Appreciation
- MUSI 195 Music Entrepreneurship
- MUSI 315 Introduction to Opera
- MUSI 318 Evolution of Jazz
- THEA 101 Introduction to Live Performance
- THEA 105 Introduction to Creativity
- THEA 232 Basic Acting
- THEA 250 Performance and Production Lab
- THEA 301 Technical Theater

*Business and Communication – at least one of the following:*

- DATA 101 Data Analytics & Info Systems
- BUAD 230 Ethical Leadership
- BUAD 215 Entrepreneurship
- BUAD 232 Introduction to Human Resource Management
- BUAD 270 Marketing Concepts and Issues
- COME 122 Interpersonal Communication
- COME 252 Writing for Media
- COME 322 Business and Professional Speaking
- COME 326 Organizational Communication

## **BIOLOGY [BIOL]**

[www.snc.edu/biology](http://www.snc.edu/biology)

The biology discipline strives to provide a modern, rigorous, broad-based, laboratory-intensive education that is intellectually challenging. It is expected that this educational experience will motivate students to achieve excellence and prepare them for professional programs and careers in the biological sciences

(<http://www.snc.edu/careers/students/programs/biology.html>). The biology program serves the core curriculum by providing non-science students an environment for scientific inquiry and opportunities to explore the diversity and functioning of the natural world and our place in it. Central to the mission of the program is a commitment to engaging biology majors in the actual process of science by encouraging them to participate in collaborative research with faculty. This not only personalizes the undergraduate learning and teaching experience through close mentoring but also nurtures and maintains the excitement and enthusiasm that faculty and students have for their discipline. The integration of research and learning through such collaborative activities is seen as a logical extension of the undergraduate classroom and an integral part of the program's academic culture.

### **MISSION STATEMENT**

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The mission of the Biology Discipline is to provide students the opportunity to explore the science of life, in all its complexity and diversity, within the tradition of the liberal arts. We are committed to excellence in our teaching and research programs. We aim to facilitate the development of each student's ability to think critically, interpret biological knowledge, to relate that knowledge to other subject areas in the liberal arts, to contribute to the body of biological knowledge through research, and to effectively communicate their understanding both within and outside the field of biology. We take pride in offering a modern, rigorous, laboratory and field intensive program. We offer a variety of upper-level courses in the subfields of biology and contribute to the Core Curriculum program.

### **BIOLOGY FACULTY**

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**Deborah K. Anderson**, professor of biology

**David J. Bailey**, professor of biology

**Adam L. Brandt**, associate professor of biology

**Anindo Choudhury**, professor of biology and environmental science, discipline coordinator

**Elizabeth S. Danka**, assistant professor of biology

**David W. Hunnicutt**, professor of biology

**Ryan S. King**, associate professor of biology

**Carrie E. Kissman**, associate professor of biology and environmental science

**Graduate school advisor:** any full-time faculty member in biology

### **COURSE REQUIREMENTS**

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#### **Biology Major - (20 credits, plus a concentration)**

##### **Degree Awarded if Primary Major: Bachelor of Science**

BIOL 120 Introduction to Cell & Molecular Biology

BIOL 121 Introduction to Organismal Biology

BIOL 244 Genetics

BIOL 499 Senior Assessment (0 cr)

CHEM 105 General Chemistry 1

CHEM 107 General Chemistry 2

##### **Organismal Biology Concentration – (32 credit concentration)**

BIOL 201 Botany

BIOL 228 Ecology

CHEM 220 Organic Chemistry

Any five biology (BIOL) electives numbered 200 or above (may include only one of BIOL 490 Independent Study, BIOL 492 Directed Research, BIOL 494 Internship, or BIOL 496 Research and Thesis)

*Recommended:*

MATH 131 Calculus and Analytic Geometry 1

MATH 221 Introduction to Statistics with R  
or SSCI 224 Basic Statistics

PHYS 111 Fundamentals of Physics 1 **and** PHYS 112 Fundamentals of Physics 2  
**or**

PHYS 121 General Physics 1 **and** PHYS 122 General Physics 2

A computer science course

**Biomedical Sciences Concentration – (36 credit concentration)**

*Six biology (BIOL) electives numbered 200 or above. Five of the biology electives must be from the following (may include only one of BIOL 490 Independent Study or BIOL 492 Directed Research or BIOL 494 Internship or BIOL 496 Research and Thesis). The sixth course may be any biology elective (200 level or above):*

BIOL 220 Comparative Vertebrate Anatomy

BIOL 315 Animal Behavior

BIOL 320 Human Anatomy and Histology

BIOL 325 Developmental Biology

BIOL 350 Microbiology

BIOL 360 Medical Microbiology

BIOL 361 Virology

BIOL 365 Immunology

BIOL 368 Parasitology

BIOL 371 Cellular Physiology

BIOL 372 Systemic Physiology

BIOL 373 Molecular Biology

BIOL 375 The Biology of the Cancer Cell

BIOL 385 Endocrinology

BIOL 386 Neuroscience

BIOL 410 Disease Ecology

BIOL 490 Independent Study

BIOL 492 Directed Research

BIOL 494 Internship

BIOL 496 Research and Thesis

*Additional Required Courses in Chemistry:*

CHEM 220 Organic Chemistry

CHEM 222 Organic Chemistry: Intermediate

or CHEM 232 Organic Chemistry: Research Emphasis

CHEM 350 Biochemistry

*Additional Recommended Courses:*

MATH 131 Calculus and Analytic Geometry 1

PHYS 111 Fundamentals of Physics 1 **and** PHYS 112 Fundamentals of Physics 2

**or**

PHYS 121 General Physics 1 **and** PHYS 122 General Physics 2

MATH 221 Introduction to Statistics with R

or SSCI 224 Basic Statistics

*Additional information for all biology majors:*

**Note:** Biology majors may also be required to complete the designated achievement tests in biology during specified testing periods and are required to participate in other ongoing assessment activities. Course choices should be made through advisement, with the student's interests and objectives in mind. Advanced students are strongly encouraged

to pursue Independent Study (BIOL 490) Directed Research (BIOL 492), Internship (BIOL 494) or Research and Thesis (BIOL 496).

**Biology Minor - (24 credits)**

BIOL 120 Introduction to Cell & Molecular Biology

BIOL 121 Introduction to Organismal Biology

Four Biology electives at 200 level or above

Note: See **Education [EDUC]** section for certification requirements.

## **BROADFIELD SOCIAL STUDIES [BFSS]**

### **COURSE REQUIREMENTS**

The Broadfield Social Studies (BFSS) major was designed to be taken simultaneously with the 4-12 teaching major; however, it can be taken as a “stand alone” major by non-education students as well. Students in this major complete 14 total courses across six social studies disciplines (i.e., economics, history, political science, psychology, sociology, geography).

BFSS majors first select two disciplines as their primary areas of emphasis, taking four courses in each. They then complete one course in each of the remaining four disciplines. Of the 14 courses, six must be at the 300+ level, two of which include SSCI 310: Environment & Society and SSCI 408: Social Inequalities. These two courses also satisfy the *Physical & Natural World* and the *Difference & Diversity* advanced core curriculum requirements and are required for education students for licensure. Ideally the *Beyond Borders* and *Western Tradition* core curriculum requirements should also be from course offerings within the BFSS major.

**Broadfield Social Studies Major - (56 credits)**

**Degree Awarded if Primary Major: Bachelor of Arts**

SSCI 301 Environment & Society

SSCI 408 Social Inequalities

Discipline 1 4 course emphasis (2 at the 300+ level)

Discipline 2 4 course emphasis (2 at the 300+ level)

Discipline 3 1 course

Discipline 4 1 course

Discipline 5 1 course

Discipline 6 1 course

## **BUSINESS ADMINISTRATION [BUAD]**

[www.snc.edu/busadmin](http://www.snc.edu/busadmin)

As a Catholic liberal arts institution in the Norbertine tradition, St. Norbert College exists to teach by word and example. In support of this motto, the business administration program develops and empowers ethical business leaders through passionate teaching and mentoring. We offer challenging learning experiences in the Catholic, liberal arts tradition, and rooted in the Norbertine practices of *communio* and *localitas*. All students in business administration are expected to demonstrate the following four program-level learning outcomes:

1. recognize moral challenges in organizations and apply a critical understanding of their values to those challenges
2. effectively communicate and work in diverse contexts as leaders and teammates
3. strategically evaluate organizational decisions using and extending appropriate business theories and techniques

4. conduct themselves as professionals in service to their organizations and communities

## **BUSINESS ADMINISTRATION FACULTY**

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**Lucy Arendt**, professor of business administration – management  
**Paul Bursik**, professor of business administration – finance  
**Miles Condon**, assistant professor of business administration – marketing  
**Yuan (Sabrina) Du**, assistant professor of business administration – finance  
**Jason Haen**, assistant professor of business administration – accounting  
**Marc Hammer**, Brown County (WI) circuit court judge, instructor of business administration – business law  
**James Harris**, associate professor of business administration – marketing; coordinator of business administration  
**John-Gabriel Licht**, associate professor of business administration – management  
**Jamie O’Brien**, professor of business administration – management  
**Joy Pahl**, professor of business administration – management  
**Todd Sarnstrom II**, assistant professor of business administration – data analytics  
**Matthew Stollak**, associate professor of business administration – management  
**Amy Vandenberg**, coordinator of accounting, assistant professor of business administration – accounting  
**Zhuoyi (Zoe) Zhao**, assistant professor of business administration – accounting

## **COURSE REQUIREMENTS**

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### **Degree Awarded if Primary Major: Bachelor of Business Administration**

This curriculum leads to a Bachelor of Business Administration (B.B.A.) degree. Students can elect a general business administration major or one of the following focused majors: finance, healthcare administration, management, marketing, or supply chain management.

### **Assessment**

Assessment data is obtained through the SSBE Major Field Test, nationally normed survey instruments, college surveys, and in-class assignments.

### **Business Administration Program**

The Business Administration discipline offers the following majors and minors: majors include business administration, finance, healthcare administration, management, marketing, and supply chain management; minors include business administration, digital marketing, project management, and sports management. Each major is divided into core requirements and major requirements. The total number of credits required by each major (core courses together with major courses) ranges from 60 to 76 credits. Within Business Administration, students may double major in the following areas: finance, healthcare administration, marketing, management, supply chain, and accounting.

**Core Requirements for all BUAD majors** (52 credits; order of courses to be taken should be discussed with an advisor):

ACCT 205 Financial Accounting  
ACCT 206 Managerial Accounting  
BUAD 230 Ethical Leadership  
BUAD 232 Introduction to Human Resource Management (2 cr)  
BUAD 233 Introduction to Supply Chain Management (2 cr)  
BUAD 270 Marketing Concepts and Issues  
BUAD 350 Corporate Finance  
BUAD 390 Business Law  
BUAD 485 Strategic Management Seminar  
DATA 101 Data Analytics & Info Systems  
DATA 328 Analytics for Business Insight  
ECON 101 Principles of Macroeconomics  
ECON 102 Principles of Microeconomics  
MATH 128 Intro to Statistics

### **Business Administration Major – (8 credits)**

The business administration major is designed to develop the fundamental knowledge and skills students need to think critically, learn effectively, solve problems, strategize, make sound decisions, and operate ethically in business organizations.

All business administration majors are required to take a minimum of two courses that are approved as advanced business electives. These advanced business electives must total eight credits, and they include: any Business Administration (BUAD) course or Accounting (ACCT) course at the 200 level or above (other than Business core requirements, courses designated for non-majors or ACCT 315); any Economics (ECON) course at the 200 level or above; and selected courses from other disciplines, including Communications (COME 322), English (ENGL 306), Psychology (PSYC 221, PSYC 321 or PSYC 360).

### **Finance Major - (16 credits)**

#### **Degree Awarded if Primary Major: Bachelor of Business Administration**

Finance is an important part of business operations, as well as our economy. It is needed in every industry and every organization. Students of finance study the acquisition and management of money and investments. The field of finance includes banking, credit, debt, and capital markets activities. This major builds practical skills, along with critical thinking abilities and ethical decision-making skills, that will prepare students for impactful careers in corporate finance, investment banking, real estate, commercial banking, financial analysis, financial planning, insurance, and asset management.

Required:

BUAD 351 Investments  
BUAD 352 Financial Institutions and Markets  
BUAD 355 Advanced Financial Management (2 cr)  
BUAD 359 Portfolio Theory and Derivatives (2 cr)

*At least one of the following:*

ACCT 325 Intermediate Accounting  
BUAD 356 Risk Management and Insurance  
BUAD 494 Internship (Finance)  
ECON 377 International Finance  
ECON 390 Monetary Theory  
ECON 392 Investing in Social Change

### **Management Major – (20 credits)**

#### **Degree Awarded if Primary Major: Bachelor of Business Administration**

Management is a critical component of business operations. It is needed in every industry and every organization. The Management major teaches students how to understand human behavior in organizations and become an effective and ethical leader. The major in Management prepares students to create and lead organizations in terms of strategy, processes, leadership, teamwork, and managing change and culture. The program builds practical skills, along with critical thinking abilities and ethical decision-making skills, that will prepare students to effectively manage and lead people.

Required:

BUAD 215 Entrepreneurship  
BUAD 337 Organizational Behavior

*At least three of the following (at least two must be within the SSBE):*

BUAD 212 Intro to Sports Management  
BUAD 336 Human Resources Management  
BUAD 338 Organizational Culture and Design  
BUAD 386 Leading Through Adversity  
BUAD 387 Decision Making in Disasters  
BUAD 388 International Management  
BUAD 400 Leadership in Films  
BUAD 436 Advanced Human Resources Management  
BUAD 489 Special Topics (Management)  
BUAD 490 Independent Study (Management)  
BUAD 494 Internship (Management)  
COME 322 Business & Professional Speaking

**Supply Chain Management Major** - (19 credits)

**Degree Awarded if Primary Major: Bachelor of Business Administration**

As business networks have continued to expand, Supply Chain Management has become a critical function for companies that need to move products around the country as well as around the globe. This Supply Chain Management major provides students with knowledge and skills that will allow them to contribute to the operations or logistics activities of an organization. Students culminate their study with a capstone course created in partnership with a business, providing hands-on experience in a professional setting. Students also create a portfolio of work that can be shared with potential employers. The program builds practical skills, along with critical thinking abilities and ethical decision-making skills, that will prepare students for impactful futures.

Required:

BUAD 234 Forecasting and Logistics (3 cr)  
BUAD 235 Sourcing and Operations (3 cr)  
BUAD 332 Supply Chain in Action (3 cr)  
BUAD 335 Supply Chain Management Technologies (3 cr)  
BUAD 434 Supply Chain Management Capstone (3 cr)

*At least one of the following:*

BUAD 388 International Management  
BUAD 471 Marketing Management and Strategy  
BUAD 494 Internship (Supply Chain Management)

**Marketing Major** - (20 credits)

**Degree Awarded if Primary Major: Bachelor of Business Administration**

Marketing is essential to every business operation. Marketing is focused on maintaining valuable relationships, and this perspective leads to a strategic emphasis on image, revenue, and profit enhancement with an eye on future markets. Overall, marketing contends that a firm should offer the most value to prospective customers.

This marketing major provides students with knowledge and skills that allow them to understand the market environment and consumer trends; collaborate with others to create successful marketing plans; apply analytical rigor to decision making; understand the needs of different customer segments; communicate how a product or service fills those needs; and guide potential customers to take action. The program builds practical skills, along with critical thinking abilities and ethical decision-making skills, that will prepare students for impactful careers in marketing.

Required:

- BUAD 374 Marketing Promotions
- BUAD 471 Marketing Management and Strategy

*Three of the following (at least two must be within the SSBE)*

- BUAD 215 Entrepreneurship
- BUAD 360 Sports Marketing
- BUAD 372 Marketing Research
- BUAD 375 Consumer Behavior
- BUAD 489 Special Topics (Marketing)
- BUAD 490 Independent Study (Marketing)
- BUAD 494 Internship (Marketing)
- COME 322 Business & Professional Speaking
- COME 352 Media Psychology
- COME 390 Sports Media

### **Healthcare Administration Major** - (24 credits)

This Healthcare Administration major builds practical skills, along with critical thinking abilities and ethical decision-making skills, needed to contribute to the operations and planning activities of a healthcare organization. This curriculum has three major priorities: project-based learning; data-driven decision making; and operational focus. Students will complete a strategy capstone that asks them to synthesize their knowledge and skills to plan a strategic transformation of a simulated healthcare system (a hospital network, for example). In addition, students will have a significant project in each class which will allow them to practice the skills learned in that class.

Additionally, with the rise of Big Data and analytics across the healthcare ecosystem, it is increasingly important that healthcare administrators understand how to make use of the tremendous amount of information now at their fingertips. As such, this program not only features a class in Health Data and Analytics but also incorporates concepts learned in that class into later classes in the sequence to reinforce key skills. Lastly, the program includes a dedicated course in Healthcare Service Operations. This is consistent with priorities set by healthcare administration professionals when describing the increasing complexity of healthcare systems.

Required:

- BUAD 240 Health Systems of the United States (3 cr)
- BUAD 341 Health Data and Analytics (3 cr)
- BUAD 342 Health Law and Ethics (3 cr)
- BUAD 343 Healthcare Finance (3 cr)
- BUAD 344 Healthcare Service Operations (3 cr)
- BUAD 440 Healthcare Strategy Capstone (3 cr)
- PHIL 275 Bioethics

*At least one of the following:*

- BUAD 337 Organizational Behavior
- BUAD 494 Internship (Healthcare Administration)

*Note: BUAD 233 Intro to Supply Chain Management (2 cr) is not required for this major*

### **Residency Requirement**

In order to earn a B.B.A. degree from St. Norbert College, a student must earn satisfactory credit in at least six required business courses (BUAD) at St. Norbert College. The Strategic Management Seminar (BUAD 485) must be taken at St. Norbert College.

**Independent Study**

The number of independent studies in the 128 credits required for the B.B.A. degree is limited to three.

**Internship** [Instructor Permission Only]

BUAD 494 Internship may be taken twice for up to eight credits. Only four credits of BUAD 494 may be used to satisfy requirements in the major. All business administration students are encouraged to pursue internships.

**Sports Management Major** – (64 credits)**Degree Awarded if Primary Major: Bachelor of Business Administration**

The major in sports management prepares students to work on the business side of sports. Students will learn concepts, ideas, and particularities of the business of sports, how to ethically address the current issues in the industry, in addition to applying and practicing the acquired knowledge through experiential learning via an internship, an independent study, or the Experiential Capstone – Sports Management course. By engaging in interdisciplinary coursework and projects with an emphasis on problem solving, leadership, communication, and teamwork, students will be prepared to become sport leaders and good citizens in the growing sports world.

*Business Core classes:*

ACCT 205 Financial Accounting  
BUAD 270 Marketing Concepts and Issues  
BUAD 350 Corporate Finance  
BUAD 390 Business Law  
DATA 101 Data Analytics & Info Systems  
DATA 328 Analytics for Business Insight (special section for sport majors)  
ECON 102 Principles of Microeconomics  
MATH 128 Introduction to Statistics

*Business of Sports courses:*

BUAD 212 Introduction to Sports Management  
BUAD 214 Introduction to Event and Venue Management  
BUAD 312 Women in Sports  
BUAD 360 Sports Marketing, Sales & Sponsorship  
BUAD 486 Strategic Sports Management  
COME 390 Sports Media  
ECON 340 Economics of Sports

*Experiential learning experience (at least one of the following):*

BUAD 412 Experiential Capstone - Sports Management  
BUAD 490 Independent Study  
BUAD 494 Internship

**Business Administration Minor** - (28 credits)

Note: Students majoring in Accounting, Finance, Healthcare Administration, Management, Marketing, Sports Management, or Supply Chain Management may not earn a minor in Business Administration.

ACCT 205 Financial Accounting  
DATA 101 Data Analytics & Info Systems  
or CSCI 110 Intro to Computer Programming  
BUAD 230 Ethical Leadership  
BUAD 270 Marketing Concepts and Issues  
BUAD 350 Corporate Finance  
ECON 102 Principles of Microeconomics  
MATH 128 Introduction to Statistics  
or MATH 221 Introduction to Statistics with R

### **Digital Marketing Minor** - (27 credits)

The minor in Digital Marketing will teach students digital marketing skills such as search-engine optimization and marketing, analytics, social media strategy, and automated email marketing. In addition, students will learn viral growth techniques, influencer marketing, data mining, and lead generation, which will help prepare them for marketing roles in any type of organization. This minor, coupled with any St. Norbert College major, builds practical skills, along with critical thinking abilities and ethical decision-making skills, that allow students to grow both personally and professionally in the years to come.

DATA 101 Data Analytics & Info Systems  
BUAD 270 Marketing Concepts  
BUAD 271 Social Media Marketing (3 cr)  
BUAD 272 Email Marketing (3 cr)  
BUAD 274 Viral and Organic Growth (3 cr)  
ENGL 313 Writing for the World  
or COME 124 Mass Media  
BUAD 376 SEO and SEM (3 cr)  
BUAD 472 Digital Marketing Analytics (3 cr)

### **Project Management Minor** - (24 credits)

The minor in Project Management prepares students for a role as a Project Manager or Technical Project Manager and provides them with a solid footing to pursue a role as a Program Manager in the future. It will provide students with skills in project management, product development and basic programming. While understanding the basics of project management, students will also learn about the complex organizational and inter-organizational environments in which projects operate, different project approaches that can be applied depending on the context, and an overview of the impact of technology on the project manager role. This will equip students to apply judgment to adapt to changing circumstances. Students with any St. Norbert College major may find a minor in Project Management to be valuable. Upon completing this minor in Project Management, students will be eligible to sit for the CAPM® exam (Certified Associate in Project Management). This is a significant milestone in any project manager's career path, as this globally recognized certification from the Project Management Institute (PMI) will not only increase employability but will also broaden professional opportunities.

BUAD 165 Introduction to Project Management (3 cr.)  
BUAD 265 Project Planning (3 cr.)  
BUAD 365 Project Execution, Monitoring & Control, Implementation & Closure (3 cr.)  
BUAD 465 Advanced Project Management – Practicum (3 cr.)  
DATA 101 Data Analytics & Info Systems  
DATA 328 Analytics for Business Insight  
MATH 128 Intro to Statistics

### **Sports Management Minor** - (24 credits)

The minor in Sport Management prepares students to work on the business side of sports. Students will learn concepts, ideas, and particularities of the business of sports and how to ethically address the current issues in the industry, in addition to applying and practicing the acquired knowledge through an Experiential Learning Capstone experience (i.e., internship, study abroad, or independent study). By engaging in interdisciplinary coursework and projects with an emphasis on problem solving, leadership, communication, and teamwork, students will be prepared to become sport leaders and good citizens in the growing sports world.

BUAD 212 Intro to Sport Management  
COME 390 Sports Media  
BUAD 360 Sports Marketing

*Students will choose one of the following to fulfill the Sport and Humanities/Social Sciences elective requirement:*

BUAD 312 Women in Sports  
PHIL 208 Philosophy of Sports

*Students will choose one of the following to fulfill the Business of Sport elective requirement:*

BUAD 214 Intro to Event and Venue Management  
BUAD 236 Human Resource Management and Sports  
BUAD 386 Leading Through Adversity  
ECON 340 Economics of Sports

*Students will choose one of the following to fulfill the Experiential Learning Capstone requirement:*

Internship  
Independent Study  
Internship Abroad

## **CENTER FOR GLOBAL ENGAGEMENT (CGE)**

[www.snc.edu/cge](http://www.snc.edu/cge)

The Center for Global Engagement promotes comprehensive internationalization at St. Norbert College and helps the College provide a global education for all of our students. CGE contributes to the development of ethical global citizens, who can navigate their increasingly diverse communities and thrive in a rapidly internationalizing world. The Center divides its work into the following areas:

- International admissions and recruitment: recruiting international students to enroll in the College's intensive English programs, exchange program, and degree-seeking program
- International student and scholar services: providing immigration, academic and personal support to St. Norbert's international student and scholar community
- Intensive English program: offering a range of courses and programs to support English language learners at various levels
- Study abroad and off-campus programs: providing global opportunities for every student. These opportunities include semester- and year-long international programs, semester-long domestic and international internship programs and short-term programs (Global Seminars) during the summer and J-terms
- Signature global programming: offering a variety of annual events, including International Education Week and the Great Decisions lecture series

## **CHEMISTRY [CHEM]**

[www.snc.edu/chemistry](http://www.snc.edu/chemistry)

The chemistry program at SNC strives to prepare science students for graduate or professional studies, or for entry into jobs in the areas of chemistry, biochemistry, or the health-sciences through the development of traits that characterize the whole person. All students taking a chemistry course will gain fundamental chemistry knowledge and laboratory skills as we endeavor to increase their confidence in problem solving.

### **CHEMISTRY FACULTY**

**Kurstan Cunningham**, associate professor of chemistry  
**Kathleen Garber**, associate professor of chemistry  
**Cynthia Earles Ochsner**, associate professor of chemistry  
**David Poister**, professor of chemistry and environmental science  
**Jonathon Russel**, associate professor of chemistry  
**Larry Scheich**, professor of chemistry

**Matthew Sprague**, associate professor of chemistry, discipline coordinator

**Graduate school advisor:** any full-time faculty member in chemistry

## **COURSE REQUIREMENTS**

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**Chemistry Major** - (44 credits, plus a concentration)

**Degree Awarded if Primary Major: Bachelor of Science**

CHEM 105 General Chemistry 1  
CHEM 107 General Chemistry 2  
CHEM 211 Analytical Chemistry  
CHEM 220 Organic Chemistry  
CHEM 232 Organic Chemistry: Research Emphasis  
    **or** CHEM 222 Organic Chemistry: Intermediate  
CHEM 330 Physical Chemistry 1  
CHEM 332 Physical Chemistry 2  
CHEM 350 Biochemistry 1  
MATH 132 Calculus and Analytic Geometry 2  
PHYS 121 Fundamentals of Physics 1  
    **and** PHYS 122 Fundamentals of Physics 2

**or**

PHYS 111 General Physics 1  
    **and** PHYS 112 General Physics 2

**General Chemistry Concentration – 12 credit concentration**

CHEM 305 Inorganic Chemistry  
Two other chemistry courses at 300 level or above

**Biochemistry Concentration – 24 credit concentration**

BIOL 120 Introduction to Cell & Molecular Biology  
BIOL 121 Introduction to Organismal Biology  
BIOL 244 Genetics  
BIOL 373 Molecular Biology  
CHEM 305 Inorganic Chemistry  
    **or** CHEM 310 Advanced Organic Chemistry  
CHEM 351 Biochemistry 2

Students intending to go on to graduate studies should realize that mathematics courses such as MATH 233 and MATH 310 are required by many graduate programs in chemistry. In a paradigm where a choice is offered, we recommend the PHYS 121/PHYS 122 sequence over the PHYS 111/PHYS 112 sequence and CHEM 232 over CHEM 222.

**Chemistry Minor** - (24 credits)

CHEM 105 General Chemistry 1  
CHEM 107 General Chemistry 2  
CHEM 220 Organic Chemistry  
CHEM 232 Organic Chemistry: Research Emphasis  
    **or** CHEM 222 Organic Chemistry: Intermediate  
Two Chemistry electives at or above the 200 level

Note: See **Education [EDUC]** section for certification requirements.

## CLASSICAL, MEDIEVAL AND RENAISSANCE STUDIES [CLAS]

[www.snc.edu/classicalstudies](http://www.snc.edu/classicalstudies)

The languages and literature of ancient Greece and Rome lie at the heart of Western culture. They are the sources of the tradition of liberal learning, both Christian and non-Christian, in which the college places itself, and were the core of liberal education for more than two millennia. The purpose of the minor in Classical, Medieval and Renaissance Studies is to acquaint students with the thought, history, literature and general culture of the Classical, Medieval and Renaissance world, with an emphasis on acquiring competent reading skills in Latin and/or ancient Greek. With the exception of the Latin and Greek language courses, all courses will be taught in translation. Study of classical language enhances the students' English language skills. The interdisciplinary nature of the minor provides students with a foundation for further work in related fields of history, literature, philosophy, religious studies, political science, and art.

In Classical, Medieval and Renaissance Studies courses, students acquire knowledge of the origins and continuities of Western culture and come to appreciate the differences between the past and the present; they come to understand themselves better by comparing and contrasting their world to its classical roots; and they investigate deeply human issues and concerns that confronted the ancients as they confront us today.

### CLASSICAL, MEDIEVAL AND RENAISSANCE STUDIES FACULTY

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**Thomas Bolin**, professor of theology and religious studies

**Kathleen Gallagher Elkins**, associate professor of theology and religious studies

**Eric Hagedorn**, associate professor of philosophy

**Michael Holstead**, adjunct assistant professor of classics and Norbertine studies, director for Norbertine Studies

**Michael Lovano**, assistant professor of history, program coordinator

**Joel Mann**, professor of philosophy

### COURSE REQUIREMENTS

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#### **Classical, Medieval and Renaissance Studies Minor** - (28 credits)

CLAS 203 Readings in Latin  
or GREK 213 Intermediate Greek

*One course in Classical, Medieval or Renaissance History:*

HIST 326 The History of Ancient Greece  
HIST 328 The History of Ancient Rome  
HIST 329 The History of Medieval Europe  
HIST 331 History of the Byzantine Empire

*One course in Classical, Medieval or Renaissance Thought:*

PHIL 207 Greek Philosophy  
PHIL 213 Medieval Philosophy  
PHIL 334 Tragedy and Philosophy  
THRS 314 The Origins of Monotheism  
THRS 327 Ancient Wisdom/Modern Search

*One course in Classical, Medieval or Renaissance Literature:*

CLAS 325 Classical Mythology  
ENGL 321 Dante: The Divine Comedy  
ENGL 322 Medieval Literature  
ENGL 325 Chaucer  
ENGL 334 Milton  
ENGL 339 Shakespeare

*Three additional electives in Classical, Medieval or Renaissance Studies:*

CLAS 201 Medical/Legal Terminology  
CLAS 322 Foodways in Classical Antiquity  
GREK 111 Elementary Greek I  
GREK 112 Elementary Greek II  
HEBR 101 Elementary Biblical Hebrew  
HEBR 102 Intermediate Biblical Hebrew  
LATN 101 Elementary Latin  
LATN 102 Intermediate Latin  
LATN 204 Advanced Reading in Latin  
PHIL 322 Aquinas' Philosophical Theology  
THRS 329 The New Testament

Reminder: Any of the courses listed in the History, Thought or Literature content areas may serve as electives. Any introductory or advanced courses in Greek, Latin or Hebrew language may also serve as electives (e.g., LATN 101 or LATN 102 or LATN 204, GREK 111 or GREK 112, HEBR 101 or HEBR 102).

### **Certificate Program in Latin Language**

The certificate recognizes intermediate-level proficiency in Latin, a competency equivalent to the successful completion of the 101-204 sequence with an overall GPA of 3.0 (B) in the language courses counting toward the certificate. The course that demonstrates successful completion of the certificate must be taken at SNC through the Classical Studies Program curriculum, and the student must earn a 3.0 (B) or higher in this course. Students who place beyond the 204 level (e.g. 304 or 305) still must complete one class on campus and receive a grade of 3.0 (B) or higher in that class.

Language certificates in French or Spanish are also available. See the **Modern Languages and Literatures [MLLS]** section of the catalog for more information.

### **Retroactive Credit Policy**

Students may be awarded up to (2) lower-level courses, equivalent to a maximum of (8) retroactive credits, by earning a grade of "B" or better in specific language, math or computer science classes that are above the introductory level (ex: 101).

## **COMMUNICATION AND MEDIA STUDIES [COME]**

[www.snc.edu/communicationandmedia](http://www.snc.edu/communicationandmedia)

The mission of the communication and media studies discipline is to provide an excellent education that is personally, intellectually and spiritually challenging. By personally, we mean the development and appreciation for those qualities that enable students to foster meaningful relationships in their academic, personal and professional lives. By intellectually, we mean the development of those qualities which enable students to recognize, describe, analyze, synthesize and critique those elements in the global society that are shaped and influenced by human symbol systems. By spiritually, we mean the evolution of those qualities that enable students to look within themselves at their role in the micro-context of St. Norbert College's Judeo-Christian values and the macro-context of a diverse world of opposing and complementary perspectives.

Upon graduation, students should be able to: 1) articulate the broad nature of the communication discipline and their own specializations within the field; 2) answer communication questions using appropriate research methods; 3) create messages appropriate to the audience, purpose, and context; and 4) critically analyze messages.

These objectives are met by offering courses focusing on the process and effects of various kinds of communication, by those which develop particular skills (for example, courses in media writing, business and professional speaking) and by history and analysis courses dealing with a variety of communication issues. The skills courses, in particular, are designed to help students prepare for professional careers.

Students select an area of concentration (communication interpersonal or media) but have contact with the other area through required and elective courses. This accomplishes a major purpose of the program, that of providing a degree

of specialization within a general communication curriculum. In addition, the content of the program's courses draws students' attention to the many connections between Communication and Media Studies and the content of other disciplines in the College.

The program offers one major with two concentrations and two minors.

## **COMMUNICATION AND MEDIA STUDIES FACULTY**

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**Anna Antos**, associate professor of communication and media studies, discipline coordinator

**Mark Glantz**, associate professor of communication and media studies

**Valerie Kretz**, associate professor of communication and media studies

**Kim Smith**, associate professor of communication and media studies

## **COURSE REQUIREMENTS**

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**Communication Major** - (8 credits, plus a concentration)

**Degree Awarded if Primary Major: Bachelor of Arts**

COME 122 Interpersonal Communication

COME 124 Mass Media

COME 499 Major Portfolio (0 credits)

**Communication Concentration** - (32 credit concentration)

COME 427 Communication Capstone

Two media courses

*Five of the following:*

COME 222 Small Group Communication

COME 312 Communication and Mental Health

COME 315 Conflict Communication

COME 320 Crisis Communication

COME 322 Business and Professional Speaking

COME 323 Nonverbal Communication

COME 324 Persuasion

COME 325 Technology at Work

COME 326 Organizational Communication

COME 327 Health Communication

COME 329 Political Communication

COME 389 Communication Special Topics

COME 490 Independent Study

COME 492 Directed Research

COME 494 Internship

**Media Concentration** - (32 credit concentration)

COME 468 Media Capstone

Two interpersonal courses

*Five of the following:*

COME 252 Writing for Media

COME 317 Netflix: Disruptive Entertainment

COME 320 Crisis Communication

COME 324 Persuasion

COME 325 Technology at Work

COME 329 Political Communication

COME 331 Women and Media

COME 336 Intimate Relationships and Media

COME 352 Media Psychology  
COME 364 Media Law and Ethics  
COME 384 Social Media  
COME 379 Media Special Topics  
COME 390 Sports Media  
COME 490 Independent Study  
COME 492 Directed Research  
COME 494 Internship

**Communication Minor** - (28 credits)

COME 122 Interpersonal Communication  
COME 124 Mass Media  
COME 427 Communication Capstone

*Four of the following:*

COME 222 Small Group Communication  
COME 312 Communication and Mental Health  
COME 315 Conflict Communication  
COME 322 Business and Professional Speaking  
COME 323 Nonverbal Communication  
COME 324 Persuasion  
COME 325 Technology at Work  
COME 326 Organizational Communication  
COME 327 Health Communication  
COME 329 Political Communication  
COME 336 Intimate Relationships and Media  
COME 389 Communication Special Topics  
COME 490 Independent Study  
COME 492 Directed Research  
COME 494 Internship

**Media Studies Minor** - (28 credits)

COME 122 Interpersonal Communication  
COME 124 Mass Media  
COME 468 Media Capstone

*Four of the following:*

COME 252 Writing for Media  
COME 317 Netflix: Disruptive Entertainment  
COME 320 Crisis Communication  
COME 324 Persuasion  
COME 325 Technology at Work  
COME 329 Political Communication  
COME 331 Women and Media  
COME 336 Intimate Relationships and Media  
COME 352 Media Psychology  
COME 364 Media Law and Ethics  
COME 384 Social Media  
COME 379 Media Special Topics  
COME 390 Sports Media  
COME 490 Independent Study  
COME 492 Directed Research  
COME 494 Internship

## **COMMUNITY ENGAGEMENT AND ACADEMIC SERVICE-LEARNING [CENG]**

[www.snc.edu/sturzcenter/students](http://www.snc.edu/sturzcenter/students)

In keeping with its liberal arts, Catholic and Norbertine traditions, St. Norbert College offers several courses each semester that engage in communities beyond the College. Community engagement courses use academic service-learning as a method of teaching and learning, through which students, faculty, and community partners work together to enhance student learning while meeting community-identified needs. The teaching and learning in these courses take place in the classroom and beyond: through faculty-structured service work, critical reflection, and research. In these courses, students might engage in and analyze their service at a placement in the community, complete a project for a community partner, or present research conducted for the community. The service-learning may be a required or optional component of the course depending on the instructor. These courses intend to improve students' critical thinking abilities, preparing them as civically responsible members of a diverse world.

Community engagement courses exist in various disciplines across the curriculum and are designated as "Community Engagement-Service-Learning." The courses offered each semester vary and are listed below.

### **ART 220 Art and Community Expression**

Debbie Kupinsky, associate professor of art

### **ART 285 Art and a Democratic Society**

Brandon Bauer, associate professor of art

### **ART 330 Intermediate Printmaking**

Katie Ries, associate professor of art

### **ART 366 Art and Creative Democracy**

Brandon Bauer, associate professor of art

### **ART 440 Advanced Printmaking**

Katie Ries, associate professor of art

### **BIOL 320 Human Anatomy & Histology**

Deborah Anderson, professor of biology

### **BIOL 360 Medical Microbiology**

Elizabeth Danka, assistant professor of biology

### **BUAD 372 Marketing Research**

Miles Condon, assistant professor of business administration

### **COME 315 Conflict Communication**

Anna Antos, associate professor of communication and media studies

### **EDUC 101 Foundations of Education I: Becoming a Community-Engaged Educator**

Faculty in teacher education

### **EDUC 102 Foundations of Education II: Psychology of Community-Engaged Education**

Faculty in teacher education

### **EDUC 103 Accelerated Foundations of Education I & II**

Faculty in teacher education

### **ENGL 304 Creative Nonfiction Workshop**

Laurie MacDiarmid, professor of English

**ENGL/WMGS 310 Race and Sex in Contemporary U.S. Texts**

AnaMaria Clawson, associate professor of English

**ENGL 329 Literature of Service**

Deirdre Egan-Ryan, professor of English

**HIST 324 Poverty, Charity and Welfare in American History**

Abby Trollinger, associate professor of history

**MATH 123 Contemporary Mathematics**

Jonathan Dunbar, associate professor of mathematics

**PHYS 100 Physics in the Arts**

Erik Brekke, associate professor of physics

**PSYC 302 Adolescent Development**

Raquel Lopez, associate professor of psychology

**PSYC 315 Childhood Adversity and Resilience**

Raquel Lopez, associate professor of psychology

**SOCI 233 Sociology of Education**

Erinn Brooks, associate professor of sociology

**SPAN 300 Making Connections: Conversation Composition and Culture**

Brad Ellis, associate professor of modern languages and literature

Katie Ginsbach, associate professor of modern languages and literature

**THRS 307 Black Theology**

Craig Ford, assistant professor of theology and religious studies

**THRS 313 Interfaith Leadership in America**

Andrew O'Connor, assistant professor of theology and religious studies

**THRS/WMGS 324 Women in the Bible**

Kathleen Gallagher Elkins, associate professor of theology and religious studies

**THRS 325 Providence Suffering and Freedom**

Howard Ebert, professor of theology and religious studies

**THRS 331 Judaism and Christianity: The Holocaust**

Kathleen Gallagher Elkins, associate professor of theology and religious studies

**THRS 333 Christian Ethics**

Bridget Burke Ravizza, Professor of Theology and Religious Studies

**THRS 350 Christianity and Religious Diversity**

Andrew O'Connor, assistant professor of theology and religious studies

## COMPUTER SCIENCE [CSCI]

[www.snc.edu/computerscience](http://www.snc.edu/computerscience)

The study of computer science prepares an individual to enter a fast-growing, exciting and ever-changing profession. Using computer systems, students design and implement solutions to problems that exist in all domains.

St. Norbert College provides a broad opportunity to integrate the theoretical aspects of computing with the more applied focus of other applications. The curriculum has a strong focus on software engineering and is continually reviewed and updated to keep abreast with computing technology. Within the computer science major, the computer science concentration provides a solid background for advanced study in computer science while the business information systems concentration and graphic design and implementation concentrations provide a more applied background. Graduates are fully qualified for entry-level positions in computing and are prepared to pursue graduate studies in their concentration.

The computer science discipline strives to support the mission of the College. To this end, the discipline is committed to providing a curriculum that is intellectually challenging, preparing graduates to understand both the fundamental concepts in computing as well as the computing profession within the context of a larger society. The discipline recognizes the need to develop an awareness of the cultural, social, legal and ethical issues inherent in the discipline of computer science. The major program personally and morally challenges students to share values found in computing professions. The special focus given to continual learning, as part of a liberal arts education and the computer science curriculum, provides a strong foundation for lifelong learning and development necessary to stay current in computer science.

The computer science program prepares students to not only handle the technical aspects of computing but also enables them to make decisions that are just, to communicate solutions effectively, and to be lifelong learners in the field. Because of our roles in developing software systems, we have significant opportunities to do good, to cause harm, or to influence others to do good or cause harm. The computer science program at St. Norbert College develops graduates who are morally and intellectually prepared to take on the challenges of a career in computing.

Students work in a networked environment that links various types of personal computers to several servers. The discipline has access to Linux servers dedicated to the discipline.

### COMPUTER SCIENCE FACULTY

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**Kyle Diederich**, assistant professor of computer science, graduate school advisor

**Eric Hagedorn**, associate professor of philosophy and computer science

**Seth Meyer**, professor of mathematics and computer science, discipline coordinator

### COURSE REQUIREMENTS

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**Computer Science Major** – (24 credits, plus a concentration)

**Degree Awarded if Primary Major: Bachelor of Science**

- CSCI 110 Introduction to Computer Programming
- CSCI 150 Applications of Discrete Structures  
or MATH 250 Foundations of Mathematics
- CSCI 205 Software Engineering and Elementary Data Structures
- CSCI 220 Advanced Data and File Structures
- CSCI 225 Machine Organization and Assembly Language
- CSCI 460 Senior Capstone Experience (must be taken at St. Norbert College)

**Computer Science Concentration** – (20 credit concentration)

- CSCI 321 Analysis of Algorithms or CSCI 323 Theory of Computation
- CSCI 322 Programming Languages
- CSCI 370 Introduction to Operating Systems  
or CSCI 373 Communications/Networks

- CSCI 330 Database Techniques and Modeling  
**or** CSCI 340 Artificial Intelligence  
**or** CSCI 350 Event Programming within a Windowing Environment  
**or** CSCI 370 Introduction to Operating Systems  
**or** CSCI 373 Communications/Networks
- MATH 131 Calculus and Analytical Geometry 1

At least three CSCI courses at the 300 level or above must be taken at St. Norbert College.

**Business Information Systems Concentration** - (32 credit concentration)

- ACCT 205 Financial Accounting  
 BUAD 270 Marketing Concepts and Issues  
 CSCI 330 Database Techniques and Modeling (must be taken at St. Norbert College)  
 MATH 128 Introduction to Statistics  
 Two CSCI electives at 300 level (excluding CSCI 310)  
 One BUAD elective at 300 level (must be taken at St. Norbert College)

*Four credits from the following:*

- BUAD 230 Ethical Leadership  
 BUAD 232 Introduction to Human Resource Mgmt  
 BUAD 233 Intro to Operations/Supply Chain Mgmt

**Game Development Concentration** - (21 credit concentration)

- CSCI 234 Content and Systems Design (3 cr)  
 CSCI 235 Unity I: Working with Unity (3 cr)  
 CSCI 335 Unity II: Advanced Unity (3 cr)  
 MATH 131 Calculus and Analytic Geometry 1

*One of the following:*

- CSCI 321 Analysis of Algorithms  
 CSCI 323 Theory of Computation

*One of the following:*

- CSCI 370 Introduction to Operating Systems  
 CSCI 373 Communications/Networks

At least three CSCI courses at the 300 level or above must be taken at St. Norbert College.

**Graphic Design and Implementation Systems Concentration** - (32 credit concentration)

- ART 130 Introduction to Design  
 ART 235 Computer Graphics  
 ART 280 Intro to Photography/Digital Imaging  
**or** ART 335 Advertising Design  
 ART 460 Digital Studio  
 ART 485 Design for the Web  
 CSCI 350 Event Programming within a Windowing Environment (must be taken at St. Norbert College)  
 Two CSCI electives at 300 level (excluding CSCI 310)

**Computer Science Major for Secondary Certification** - (44 credits)

**Degree Awarded if Primary Major: Bachelor of Science**

- CSCI 110 Introduction to Computer Programming  
 CSCI 150 Applications of Discrete Structures  
**or** MATH 250 Adv Foundations of Mathematics

CSCI 205 Software Engineering and Elementary Data Structures  
 CSCI 220 Advanced Data and File Structures  
 CSCI 225 Machine Organization and Assembly Language  
 CSCI 321 Analysis of Algorithms  
 CSCI 322 Programming Languages  
 CSCI 370 Introduction to Operating Systems  
 CSCI 460 Senior Capstone Experience  
 CSCI 330 Database Techniques and Modeling  
     **or** CSCI 340 Artificial Intelligence  
     **or** CSCI 350 Event Programming within a Windowing Environment  
 MATH 131 Calculus and Analytical Geometry 1

*CSCI 460 Senior Capstone Experience and at least three CSCI courses at the 300 level or above must be taken at St. Norbert College.*

Note: Candidates interested in earning teacher licensure in Computer Science must also complete the 4-12 Education major. See the **Education [EDUC]** section for additional certification requirements.

**Computer Science Minor** - (28 credits)

CSCI 110 Introduction to Computer Programming  
 CSCI 150 Applications of Discrete Structures  
     **or** MATH 250 Adv Foundations of Mathematics  
 CSCI 205 Software Engineering and Elementary Data Structures  
 CSCI 220 Advanced Data and File Structures  
 CSCI 225 Machine Organization and Assembly Language

*Two of the following:*

Any CSCI course at 300 level or above (excluding CSCI 310)  
 MATH 315 Numerical Analysis

*At least three CSCI courses at the 200 level or above must be taken at St. Norbert College*

**Retroactive Credit Policy**

Students who pass CSCI 205 with a grade of “B” taken at St. Norbert College will be awarded credit for CSCI 110 if they have not yet received credit for that course.

**DATA ANALYTICS [DATA]**

[www.snc.edu/dataanalytics](http://www.snc.edu/dataanalytics)

**Mission**

The data analytics program is designed to empower students with the knowledge and practical skills essential for proficiently gathering, analyzing, and interpreting data to critically think and solve problems. By leveraging cutting-edge tools and techniques, we prepare students for data-driven decision-making in diverse professional settings, fostering a generation of analytical thinkers poised to address complex challenges and drive positive impact. Rooted in interdisciplinary principles, this program also aims to cultivate ethical reasoning and a commitment to societal responsibility.

**Description**

The undergraduate data analytics program is crafted to equip students with the essential knowledge and skills required for the comprehensive analysis of intricate data sets, enabling them to drive data-informed decision-making across diverse industries. Encompassing a broad spectrum of subjects, including statistical analysis, computer science, data visualization, econometrics, machine learning, mathematics, and database management, the program ensures a well-rounded understanding of the field. Throughout the program, students will engage in hands-on experiences by working with real-world data sets, integrating coursework, projects, and internships. This practical approach cultivates a deep understanding of data analytics in real-world scenarios. Students will become proficient

in utilizing key software tools and programming languages, enabling them to analyze data, create compelling visualizations, and effectively communicate their findings. Our program not only imparts technical expertise but also fosters the analytical and communication skills necessary for success in the dynamic field of data analytics.

## **DATA ANALYTICS FACULTY**

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**Lindsey Bosko-Dunbar**, associate professor of mathematics

**Miles Condon**, assistant professor of business administration

**Kyle Diederich**, assistant professor of computer science

**Jonathan Dunbar**, associate professor of mathematics

**John-Gabriel Licht**, associate professor of business administration – management, coordinator of leadership studies minor

**Jim Harris**, associate professor of business administration, coordinator of business administration

**Jacob Laubacher**, associate professor of mathematics

**Terry Jo Leiterman**, associate professor of mathematics

**Bonnie McVey-Pankratz**, associate professor of computer science

**Seth Meyer**, professor of mathematics and computer science, discipline coordinator

**Kevin Quinn**, dean of Schneider School of Business and Economics, professor of economics

**Todd Sarnstrom II**, assistant professor of business administration, data analytics

**Marc Schaffer**, coordinator of data analytics, director of the Center for Business and Economics Analysis, professor of data analytics and economics

**Matt Stollak**, associate professor of business administration - management

**Marc von der Ruhr**, professor of economics, coordinator of economics

**Administration:** Coordinator of data analytics, dean of the Schneider School of Business and Economics, dean of natural sciences

## **COURSE REQUIREMENTS**

This curriculum leads to a Bachelor of Science in Data Analytics (B.S.) degree.

**Data Analytics Major** - (56 credits)

**Degree Awarded if Primary Major: Bachelor of Science**

The Data Analytics major is divided into core requirements and electives.

### **Core Requirements**

CSCI 110 Introduction to Computer Programming

CSCI 205 Software Engineering and Elementary Data Structures

CSCI 330 Database Techniques and Modeling (fall, even years)

DATA 101 Data Analytics & Info Systems

DATA 201 Intermediate Data Analytics

DATA 301 Predictive Analytics

DATA 400 Data Practicum Capstone

ECON 101 Principles of Macroeconomics

**or** ECON 102 Principles of Microeconomics

ECON 325 Econometrics (fall)

ECON 326 Advanced Econometrics

MATH 131 Calculus and Analytical Geometry 1

**or** MATH 132 Calculus and Analytical Geometry 2

**or** MATH 233 Calculus and Analytical Geometry 3

MATH 203 Linear Algebra

MATH 221 Introduction to Statistics with R

**or** MATH 128 Introduction to Statistics

**Elective Courses (four credits from the following):**

BUAD 372 Marketing Research [Note: BUAD 372 has a prerequisite of BUAD 270]

- or ECON 402 Solving Social & Economic Problems with Data (4 cr)
- or MATH 319 Financial Mathematics (4 cr)
- or MATH 321 Probability & Statistics (4 cr)
- or DATA 494 Internship
- or other approved electives.

### **Data Analytics Minor** - (24 credits)

The Data Analytics minor is divided into core minor requirements and electives. Please take note of the necessary prerequisites for courses contained in the minor.

#### **Core Requirements**

CSCI 110 Introduction to Computer Programming  
DATA 101 Data Analytics & Info Systems  
DATA 201 Intermediate Data Analytics  
DATA 301 Predictive Analytics

*One of the following:*

MATH 128 Introduction to Statistics  
MATH 221 Introduction to Statistics with R

*One of the following:*

CSCI 330 Database Techniques and Modeling  
DATA 328 Analytics for Business Insights  
MATH 321 Probability and Statistics

#### **Residency Requirement**

In order to earn a B.S. degree from St. Norbert College, the Data Practicum Capstone (DATA 400) must be taken at St. Norbert College.

#### **Independent Study**

The number of independent studies in the 128 credits required for the B.S. degree is limited to one.

#### **Internship [Instructor Permission Only]**

DATA 494 Internship may be taken once for up to four credits. Only four credits of DATA 494 may be used to satisfy requirements in the major. All data analytics students are encouraged to pursue internships.

## **EARTH SCIENCE [ERTH]**

[www.snc.edu/geology](http://www.snc.edu/geology)

The earth science discipline at St. Norbert College prepares students to enter the workforce as professional geologists or to pursue advanced study and research in a graduate program. Our goal is to develop the whole person – intellectually, ethically, personally, and professionally by teaching “beyond the classroom” and emphasizing professional and personal mentoring of our students throughout their time at SNC. We advance and embrace the hallmarks of St. Norbert College: Catholic, liberal arts, and Norbertine. We are guided by the Norbertine ideal of *communio*. We strive to make the earth science major intellectually demanding and personally rewarding while also challenging students to consider moral and ethical issues regarding human-induced changes of the Earth system and our use of its natural resources.

Earth science integrates the disciplines of biology, chemistry, physics and mathematics into the study of Earth processes and history. The earth science paradigm emphasizes knowledge of fundamental skills such as rock and mineral identification, recognition of geologic structures, and basic geologic mapping. The required courses in earth science provide an overview of the basic fields of study in geology such as mineralogy, petrology, structural geology, historical geology, hydrogeology and surficial processes. All earth science courses include a laboratory component. Earth scientists typically find employment in state and federal geological surveys or regulatory

agencies, in educational institutions, or in private business such as environmental consulting firms.

## **EARTH SCIENCE FACULTY**

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**Jeff Dumez**, adjunct instructor

**Tim Flood**, professor of geology

**Nelson Ham**, professor of geology and environmental science and discipline coordinator

**Rebecca McKean**, associate professor of geology

**Graduate school advisor:** any full-time faculty member in earth science

## **COURSE REQUIREMENTS**

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**Earth Science Major** - (24 credits, plus a concentration)

**Degree Awarded if Primary Major: Bachelor of Science**

Foundation Coursework:

ERTH 105 Geology  
**or** ERTH 107 Environmental Geology

ERTH 225 Hydrogeology

ERTH 310 Earth Materials

ERTH 322 Sedimentology and Stratigraphy

ERTH 499 Senior Examination (0 cr)

CHEM 105 General Chemistry 1

CHEM 107 General Chemistry 2

**Geology Concentration – (36 credit concentration)**

ERTH 275 Historical Geology

ERTH 325 Structural Geology

ERTH 450 Geology Field Camp

PHYS 111 Fundamentals of Physics I **or** PHYS 121 General Physics I

PHYS 112 Fundamentals of Physics II **or** PHYS 122 General Physics II

MATH 131 Calculus and Analytic Geometry I

*Plus 12 credits from the following courses:*

ERTH 230 GIS for Geosciences

ERTH 250 Geomorphology

ERTH 280 Introduction to Paleontology

ERTH 350 Glacial and Quaternary Geology

ERTH 389 Special Topics

ERTH 490 Independent Study

ERTH 492 Directed Research

ERTH 496 Senior Thesis

**Environmental Geology Concentration – (36 credit concentration)**

ERTH 240 Climate and Earth History

ERTH 250 Geomorphology

ERTH 307 World Resources

ERTH 360 Wisconsin's People and the Environment

SSCI 224 Basic Statistics

**or** MATH 221 Introduction to Statistics with R

ENGL 306 Professional Writing

*Plus 12 credits from the following courses:*

CHEM 302 Environmental Chemistry  
DATA 101 Data Analytics & Info Systems  
ERTH 230 GIS for Geosciences  
ERTH 275 Historical Geology  
ERTH 350 Glacial and Quaternary Geology  
ERTH 389 Special Topics  
ERTH 428 Environmental Geology Research  
ERTH 490 Independent Study  
ERTH 496 Senior Thesis

All earth science majors with a geology concentration are required to attend a summer geology field camp, typically five to six weeks long, and usually taken between the junior and senior years of undergraduate study (transfers to SNC as EARTH 450). Attending field camp is an additional expense and must be taken through a university program approved by the earth science faculty. Senior Thesis (ERTH 496) and a second semester of Calculus and Analytic Geometry (MATH 132) are strongly recommended for those students who plan to attend graduate school.

**Earth Science Minor - (24 credits)**

Students may receive an academic minor in earth science by successfully completing 24 credits approved by the earth science discipline. Only one course at the 100 level may count toward the minor, except with approval of the earth science discipline.

**Sustainability Minor - (24 credits)**

All students must take the following courses:

ERTH 101 Introduction to Sustainability (team-taught interdisciplinary)  
ERTH 107 Environmental Geology  
ERTH 498 Senior Sustainability Assessment (0 credit)

*Plus 16 credits from the following courses:*

BIOL 108 Biodiversity  
BIOL 228 Ecology 1 (prerequisite BIOL 120 and BIOL 121)  
BUAD 354 Sustainable, Environmental, & Social Impact Investing  
CHEM 302 Environmental Chemistry (prerequisite CHEM 105 and CHEM 107)  
ECON 350 Environmental Economics (prerequisite ECON102)  
ECON 392 Investing in Social Change: Social Finance & Impact Investing  
ERTH 240 Climate and Earth History  
ERTH 360 Wisconsin's People and Environment  
ERTH 309 World Resources  
IDIS 313 One Health  
NSCI 315 Climate Change  
PHIL 211 Food Ethics (prerequisite POLI 120)  
POLI 348 Environmental Politics  
POLI 349 Global Environmental Politics

Students may use a maximum of 3 courses within the sustainability minor to meet course requirements for their designated major. Students are also strongly encouraged to complete a sustainability-themed internship or research project under consultation with a faculty advisor.

## ECONOMICS [ECON]

[www.snc.edu/economics](http://www.snc.edu/economics)

### PROGRAM DESCRIPTION

Economics is the social science concerned with human thought and actions directed toward solving the problems of using resources to provide for individual and community well-being or prosperity. It studies those aspects of human behavior that arise from the existence of scarcity, from making rational choices and from attempts to maximize benefits that have been called “utility” by economists. Formal economics deals with the evaluation of ends and goals, with the allocation of limited resources or means to achieve those goals, and with the making of decisions. Substantive economics concentrates on the ideologies, customs, institutions and organizations which enable human beings to earn a living, with the ways a society produces and distributes goods and services, and with the commercial, financial and governmental practices that enable societies to exist.

Economics is an essential component of a liberal or general education because the economy is one of the most important aspects of human social and cultural life, because the economy affects all of us, and because all educated people should understand how it works. Economics is often called the science of rational behavior; it emphasizes formal, systematic and analytical thinking. The study of economics furthers our intellectual and personal growth because a mature understanding of how economic systems work and how rational decisions are made enables us to be more effective participants in economic, political and social life. There is also a moral dimension to the study of economics. Ethical judgments and moral standards are implicit in the evaluation of ends or goals, the making of choices and decisions, the allocation of resources needed to sustain life and achieve goals, the division of labor and rewards in society, and the definition of “utility” (or “good”) itself. Economic practices and concepts cannot and should not be separated from religious and cultural values. The recognition of this reality promotes our personal and moral development.

A major in economics prepares students for graduate study and research in economics and related fields; for graduate professional study in business, law, public administration and other professions; for almost any career in business, labor or government; and for effective citizenship in a complex society.

### SCHNEIDER SCHOOL MISSION AND VISION

**Vision:** St. Norbert College’s Donald J. Schneider School of Business and Economics will be the intellectual hub for business in Northeastern Wisconsin.

**Mission:** The SSBE develops and empowers ethical business leaders through passionate teaching and mentoring, engaged service, and consequential scholarship. We offer challenging learning experiences in the Catholic, liberal arts tradition, and rooted in the Norbertine practices of *communio* and *localitas*.

- by **ethical** we mean we recognize challenges to our core values and develop shared frameworks for values-based decisions
- by **challenging** we mean we achieve educational excellence by engaging in rigorous and critical thinking and action
- by **communio** we mean we are called to live in relationships that strive for high standards including mutual esteem, trust, sincerity, faith, responsibility, dialogue, communication, consultation and collaboration
- by **localitas** we mean we are committed to serve the particular needs of the communities to which we belong

### ECONOMICS FACULTY

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**Onwu Akpa, O. Praem**, assistant professor of social sciences and economics

**Kevin Quinn**, dean of the Schneider School of Business and Economics, professor of economics

**Marc S. Schaffer**, director of the Center for Business and Economics Analysis, professor of data analytics and economics, coordinator of data analytics

**Marc B. von der Ruhr**, professor of economics, coordinator of economics

## **COURSE REQUIREMENTS**

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### **Economics Major** - (52 credits)

#### **Degree Awarded if Primary Major: Bachelor of Arts**

##### **Foundation Coursework**

DATA 101 Data Analytics & Info Systems  
ECON 101 Principles of Macroeconomics  
ECON 102 Principles of Microeconomics  
ECON 251 Intermediate Macroeconomics & Contemporary Issues  
ECON 252 Intermediate Microeconomics  
ECON 325 Introduction to Econometrics  
BUAD 230 Ethical Leadership  
MATH 128 Introduction to Statistics  
or MATH 221 Introduction to Statistics with R  
ECON 499 Senior Examination (0 cr)

*Four of the following:*

##### **Elective Courses**

DATA 328 Analytics for Business Insights  
ECON 300 History of Economic Thought (requires junior or senior standing)  
ECON 326 Advanced Applied Econometrics  
ECON 330 Labor Economics  
ECON 335 Industrial Organization  
ECON 340 Economics of Sports  
ECON 345 An Economic Approach to Religion  
ECON 350 Environmental Economics  
ECON 355 International Economics and Business in the UK  
ECON 375 Growth and Development  
ECON 377 International Finance and Monetary Economics  
ECON 380 Managerial Economics  
ECON 391 Public Finance  
ECON 392 Investing in Social Change: Social Finance and Impact Investing  
ECON 402 Solving Social/Economic Problems with Data  
ECON 489 Special Topics (2 or 4 cr)  
ECON 490 Independent Study  
ECON 492 Directed Research  
ECON 494 Internship

Students contemplating graduate study in economics are strongly urged to take MATH 233 and MATH 303 in addition to the minimum requirements of the major.

### **Economics Minor** - (24 credits)

ECON 101 Principles of Macroeconomics  
ECON 102 Principles of Microeconomics  
ECON 251 Intermediate Macroeconomics and Contemporary Issues  
ECON 252 Intermediate Microeconomics  
Two advanced ECON electives at the 300 level or above (see list of courses under the major)

## EDUCATION [EDUC]

[www.snc.edu/education](http://www.snc.edu/education)

The Education discipline at St. Norbert College is an academic discipline and a professional program. The program prepares students for secondary, middle, and elementary teaching opportunities. Teacher Education's mission is to prepare racially conscious, culturally sustaining, instructionally effective, community-engaged teacher leaders who demonstrate a life-long commitment to social justice and advocacy. Throughout the four-year program, students prepare for teaching and educational careers, become active and effective participants in community life, and embark on a vocation of continuous learning.

Teacher Education at St. Norbert College includes preparation in the sciences, mathematics, English, social studies, world languages, fine arts (music, art, theater) and computer science, as well as professional education (K-9). Candidates complete theory and methods courses while gaining valuable field-based experiences under the guidance of mentor teachers in local public and private schools. Teacher Education students may also incorporate an international experience through student teaching opportunities in countries such as Costa Rica, England, Ghana, Ireland, New Zealand, Scotland, St. Lucia and Wales.

The St. Norbert College website for Teacher Education ([www.snc.edu/education](http://www.snc.edu/education)) contains details on all teacher license certification options, and current requirements for certification and degree attainment and endorsement for licensure. Acceptance into the program is conditioned on meeting Arch 1 requirements. Continuation in the program thereafter is dependent on students meeting program requirements at each subsequent Arch. It is expected that all teachers endorsed for licensure by St. Norbert College will possess the requisite knowledge, skills and dispositions and be able to demonstrate the performances entailed in each standard through coursework and clinical experiences including student teaching.

All transfer students seeking an endorsement for teacher licensure will be expected to meet with the director of teacher education to determine appropriate education coursework to take.

### EDUCATION FACULTY AND ACADEMIC STAFF

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**Erica Barnett**, associate professor of education

**Brent Brayko**, adjunct teaching professor of education

**Corey Ciesielczyk**, adjunct teaching professor of education

**Bola Delano-Oriaran**, professor of education, associate director of student teaching abroad, dean of social sciences

**Jana Detlaff**, adjunct professor of education

**Michelle Falter**, associate professor of education and director of teacher education

**Melanie Jackson**, adjunct professor of education

**Virginia Janssen**, adjunct teaching professor of education

**Bonnie Lueck**, director of children's center

**Reid Riggle**, associate professor of education, director of licensing

**Stephanie Shedrow**, assistant professor of education

### TEACHER EDUCATION PROGRAM OVERVIEW

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St. Norbert College's teacher preparation program is approved by the Wisconsin Department of Public Instruction (DPI) and leads to endorsement in the following licenses:

1. Elementary and middle school (kindergarten through grade 9)
2. Middle and high school (grades 4 through 12)
3. Kindergarten through grade 12

In order to be endorsed for teacher licensure, all candidates must complete degree requirements (e.g., coursework) and separate programmatic requirements. For those students who do not meet all licensure requirements, but have completed all degree requirements (e.g. coursework), they will receive an "Education General- nonlicensure" degree, upon completion of an internship (rather than student teaching), and with approval from the director of teacher education.

### **Elementary and Middle School (K-9)**

Candidates seeking elementary licensure complete the K-9 Elementary major *and* Language Arts minor. Please refer to the later sections titled “Elementary Education Major (K-9) Leading to Endorsement in Elementary-Middle License” and “Program Requirements” for further details.

### **Middle and High School (4-12)**

Candidates seeking 4-12 licensure in computer science, English, mathematics, science (biology; chemistry; environmental science; physics; earth science; natural sciences), or social studies (broadfield social studies; economics; history; political science; psychology; sociology) complete an academic major *and* the 4-12 Teaching major.

- Computer science candidates complete the computer science major and 4-12 teaching major.
- English candidates complete the English major and 4-12 teaching major.
- Mathematics candidates complete the Mathematics Teaching and 4-12 Teaching majors.

Science candidates complete the 4-12 teaching major and one of two pathways for the academic major:

- Pathway 1: Complete a major in chemistry (biochemistry concentration), environmental science, earth science, or natural sciences.
- Pathway 2: Complete a major in biology, chemistry (general chemistry concentration), or physics *and* pass the Praxis II science exam to demonstrate broad content knowledge for teaching.

Social studies candidates complete the 4-12 teaching major and one of two pathways for the academic major:

- Pathway 1: Complete a major in economics, history, political science, psychology, or sociology *and* pass the Praxis II social studies exam to demonstrate breadth of knowledge for teaching.
- Pathway 2: Complete a broadfield social studies major. Note: See **Broadfield Social Studies [BFSS]** section for major requirements.

Please refer to subsequent sections titled “4-12 Teaching Major” and “Programmatic Requirements” for further details. In addition, please review the relevant catalog section outside of Education for a complete description of other academic majors referenced above.

### **All-level (K-12)**

Candidates seeking K-12 licensure in art, foreign language, music, or theatre complete an academic major *and* the K-12 teaching major.

- Students seeking K-12 licensure in art complete the art (education sequence) major and K-12 teaching major.
- Students interested in teaching a world language complete the French or Spanish major, an approved international immersion experience in their target language, and the K-12 teaching major.
- Music candidates complete the music education major and K-12 teaching major.
- Students seeking K-12 licensure in theatre complete the theatre major and K-12 teaching major.

Please refer to subsequent sections titled “K-12 Teaching Major” and “Program Requirements” for further details. In addition, please review the relevant catalog section outside of Education for a complete description of academic majors referenced above.

## **COURSE REQUIREMENTS**

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### **Degree Awarded if Primary Major: Bachelor of Arts**

#### **Elementary Education K-9 Major leading to endorsement for elementary-middle school license in WI - (62 credits)**

*(Students seeking out-of-state licensure should consult with the director of teacher education)*

- EDUC 101 Foundations of Education I: Becoming a Community-Engaged Educator
- EDUC 102 Foundations of Education II: Psychology of Community-Engaged Education  
**or** EDUC 103 Accelerated Foundations of Education I and II (for transfer students and candidates beginning EDUC coursework after the fall semester)
- EDUC 278 Culturally Sustaining Teaching
- EDUC 279 Child and Adolescent Development
- EDUC 281 Teaching Children with Exceptionalities
- EDUC 311 First Nations of Wisconsin
- EDUC 312 Math Methods
- EDUC 313 Science Methods
- EDUC 326 Social Studies Methods
- EDUC 445 Student Teaching
- EDUC 450 Student Teaching
- EDUC 499 Student Teaching Seminar
- MATH 120 Numbers and Operations
- MATH 212 Principles of Algebra and Data  
**or** MATH 220 Principles of Geometry
- SSCI 301 Environment and Society  
**or** NSCI 315 Climate Change
- SSCI 408 Social Inequalities

#### **Language Arts Minor (required) - (24 credits)**

- ENGL 150 Literature and Writing
- EDUC 200 Emergent Literacy
- EDUC 280 Supporting & Engaging Multilingual Learners
- EDUC 307 Literacy Methods
- EDUC 308 Intermediate Literacy
- EDUC 384 Conferring with Readers & Writers

#### **4-12 Teaching Major Leading to Endorsement for Middle-High School License in WI – (48 credits)**

*(Students seeking out-of-state licensure should consult with the director of teacher education)*

- EDUC 101 Foundations of Education I: Becoming a Community-Engaged Educator
- EDUC 102 Foundations of Education II: Psychology of Community-Engaged Education  
**or** EDUC 103 Accelerated Foundations of Education I & II (for transfer students and candidates beginning EDUC coursework after fall semester)
- EDUC 278 Culturally Sustaining Teaching
- EDUC 279 Child and Adolescent Development
- EDUC 281 Teaching Children with Exceptionalities
- EDUC 307 Literacy Methods (English majors only)
- EDUC 308 Intermediate Literacy (English majors only)
- EDUC 313 Math Methods (Math/Computer Science majors only)
- MATH 212 Principles of Algebra & Data (Math/Computer Science majors only)  
**or** MATH 220 Principles of Geometry (Math/Computer Science majors only)
- EDUC 313 Science Methods (Science majors only)
- NSCI 315 Climate Change (Science & Social Studies majors only – required for both licenses)  
**or** SSCI 301 Environment & Society (Science & Social Studies majors only – required for both licenses)
- EDUC 326 Social Studies Methods (Social Studies majors only)

EDUC 311 First Nations of WI (Social Studies majors only)  
 EDUC 450 Student Teaching  
 EDUC 455 Student Teaching  
 EDUC 499 Student Teaching Seminar  
 SSCI 301 Environment & Society  
     **or** NSCI 315 Climate Change (required for candidates seeking science or social studies licensure)  
 SSCI 408 Social Inequalities  
*Optional/Recommended:*  
 EDUC 280 Supporting & Engaging Multilingual Learners (required if applying for IL license)

**K-12 Teaching Major leading to endorsement for all-level license in WI – (40 credits)**

*Students seeking out-of-state licensure should consult with the director of teacher education)*

EDUC 101 Foundations of Education I: Becoming a Community-Engaged Educator  
 EDUC 102 Foundations of Education II: Psychology of Community-Engaged Education  
     **or** EDUC 103 Foundations of Education I & II (for music ed majors, transfer students and candidates beginning EDUC coursework after fall semester)  
 EDUC 278 Culturally Sustaining Teaching  
 EDUC 279 Child and Adolescent Development  
 EDUC 281 Teaching Children with Exceptionalities  
 Appropriate methods course for content licensure (pick appropriate one):  
     EDUC 317 General Music Methods: Elementary & Secondary (Music Education)  
     EDUC 254 Instructional Methods for Adolescents (Theatre)  
     EDUC 319 Methods in Art Education (Art)  
     EDUC 320 Methods in World Language Education (Spanish, French)  
 SSCI 408 Social Inequalities  
 Student teaching:  
     EDUC 450 & 455 Student Teaching (Art, Foreign Language, Theatre)  
     EDUC 469 & 470 or 475 Student Teaching (Music Education)  
     EDUC 499 Student Teaching Seminar

*Optional/Recommended:*

EDUC 280 Supporting & Engaging Multilingual Learners (required if applying for IL license)

**Education General - Major leading to no teaching license or certification**

Students seeking to pursue this major must gain approval from the director of teacher education. Students may complete this major if they have finished all coursework and degree requirements in the above majors, but do not wish to seek licensure, *or* have not met the Teacher Education program requirements as required for licensure in the state of WI.

Students will take an internship class instead of, or in addition to, student teaching courses:

EDUC 494 Internship

**PROGRAM REQUIREMENTS**

**Regardless of certification level or academic major, all candidates must meet the following programmatic requirements as they complete their teacher preparation.**

**Arch 1: Admission into Teacher Education Program**

- Complete the Teacher Education Program Admission Application
- Earn a minimum 2.75 overall GPA
- Earn a minimum 2.75 average GPA in the courses below with no single grade lower than a C:
  - EDUC 101 Foundations of Education I: Becoming a Community-Engaged Educator
  - EDUC 102 Foundations of Education II: Psychology of a Community-Engaged Education
    - or EDUC 103 in place of EDUC 101/102
  - **And in at least one of the following courses:**
    - Quantitative Reasoning course (K-12 or Middle-High school) or MATH 120 Numbers

- and Operations (Elementary-Middle school)
      - Expression and Interpretation course or ENGL 150: Introduction to Literary Studies
      - a Writing Intensive course (if ENGL 150 not taken)
- On the First Year rubric, earn a score of 2 (developing) or higher on each individual item on the rubric, with no ratings of 1 (emerging)
  - Note: If students do not meet the required rubric scores in pre-student teaching clinical field experiences, students may be able to demonstrate growth in areas they are deficient through a remediation plan (if discipline approves)
- Pass a criminal background check

*Students who meet Arch 1 criteria will be admitted into the Teacher Education program.*

### **Arch 2: Admission into Student Teaching**

- Complete Student Teaching Application
- Earn a minimum 2.75 overall GPA
- Earn a minimum 3.00 GPA in EDUC courses, with no grade less than C
- Completion of method(s) courses
- Successful completion of all Pre-student teaching clinical experiences as defined by:
  - Sophomore Block rubric, earn a minimum score of 2 (developing) or higher on each individual rubric, with no ratings of 1 (emerging)
  - Junior Experience methods rubric, earn a minimum rating of 3 (proficient) for at least 50% of the individual items on the rubric with no ratings of 1 (emerging)
- Content competency (knowledge and skills relative to the content the candidate will be licensed to teach). Content competence varies depending on licensure. In each licensure area, content competence can be demonstrated in one of two ways:
  - Elementary-Middle School License
    - Option 1: Earn a 3.0 GPA in completed courses from the following set of elementary education content courses with no grade less than C:
      - MATH 120 Numbers and Operations
      - MATH 212 Principles of Algebra and Data **or** MATH 220 Principles of Geometry
      - EDUC 200 Emergent Literacy
      - EDUC 308 Intermediate Literacy
      - EDUC 311 First Nations of Wisconsin
      - SSCI 301 Environment and Society
    - Option 2: Earn a Wisconsin passing score on the Praxis Subject Assessment, Middle School Content Knowledge, and achieve a minimum GPA of 2.75 in the course content in Option 1 above
  - Middle-High School License or Kindergarten through Grade 12 License
    - Option 1: Earn a 3.0 GPA in content courses in major(s)/minor(s) for which the candidate intends to be licensed to teach with no grade less than C
    - Option 2: Earn a Wisconsin passing score on the Praxis Subject Assessment or ACTFL OPI/WPT associated with each major for which the candidate intends to be licensed to teach and achieve a minimum GPA of 2.75 in the content of each major for which the candidate intends to be licensed to teach.
    - Note: Some Content Majors also require a Praxis Subject Assessment to show broad knowledge in the field (see 4-12 Middle and High School Overview Section)
- Evidence that the Wisconsin Foundations of Reading Test has been **taken or scheduled** by providing a score or confirmation of registration (only for K-9 licensure)
- Pass criminal background check

### **Arch 3: Endorsement for Wisconsin Licensure**

- Successful completion of degree requirements
- Earn a minimum 2.75 overall GPA
- Earn a minimum 3.00 GPA in EDUC courses, with no grade less than C

- On the Final student teaching rubric, earn a minimum rating of 3 (proficient) for at least 80% of the individual rubric items, with no ratings of 1 (emerging)
- Receive a minimum passing score on each of the six sections of the Teacher Work Sample performance-based assessment
- Content competency (knowledge and skills relative to the content the candidate will be licensed to teach). Content competence varies depending on the license. In each licensure area, content competence can be demonstrated in one of two ways:
  - Elementary-Middle School License
    - Option 1: Earn 3.0 GPA in the following set of elementary education content courses with no grade less than C:
      - MATH 120 Numbers and Operations
      - MATH 212 Principles of Algebra and Data **or** MATH 220 Principles of Geometry
      - EDUC 200 Emergent Literacy
      - EDUC 308 Intermediate Literacy
      - EDUC 311 First Nations of Wisconsin
      - SSCI 301 Environment and Society
    - Option 2: Earn a Wisconsin passing score on the Praxis ® Subject Assessment, Middle School Content Knowledge, and achieve a minimum GPA of 2.75 in the course content in Option 1 above
  - Middle-High School License or Kindergarten through Grade 12 License
    - Option 1: Earn a 3.0 GPA in content courses in major(s)/minor(s) for which the candidate intends to be licensed with no grade less than C.
    - Option 2: Earn a Wisconsin passing score on the Praxis ® Subject Assessment or ACTFL OPI/WPT associated with each major/minor for which the candidate intends to be licensed and achieve a minimum GPA of 2.75 in the content of each major/minor for which the candidate intends to be licensed.
    - Note: Some Content Majors also require a Praxis Subject Assessment to show broad knowledge in the field (see 4-12 Middle and High School Overview Section)
- Evidence of successfully **passing** the Wisconsin Foundations of Reading Test (only for K-9 licensure)

## NOTES

- Advanced Placement course credit fulfills course-based requirements and will be weighted as follows:
  - Score of a 3=3.0 (B)
  - Score of a 4=3.5 (AB)
  - Score of a 5=4 (A)
- EDUC 103 is an accelerated version of EDUC 101 & 102 for music education candidates and those entering the program second semester first year or later.
- Note: If it is deemed that students do not meet the required rubric scores in pre-student teaching clinical field experiences, students may be able to demonstrate growth in areas they are deficient through a remediation plan (upon discipline approval)

## ADDITIONAL REQUIREMENTS

### Tevera

Tevera is a web-based data management system that the St. Norbert College Teacher Education is using to collect data for assessment, evaluation, and accreditation. All students enrolled in EDUC courses **are required to purchase** a lifetime Tevera subscription (\$215) to submit assignments and to store their program documents, artifacts, assessments, and other critical documentation for their professional preparation to obtain teacher licensure certification. All of this requires an activated account. There are no exceptions to this policy. A fee will be assessed to all students enrolled in EDUC 101, 102, or 103 in order to activate and use Tevera throughout their degree program. Tevera is used for students to keep track of field hours and for approved faculty, cooperating teachers, and supervisors to complete evaluations of students' teaching skills. Tevera is a one-time-only purchase that you will have lifetime access to. Students **DO NOT** need to purchase and activate Tevera a second time if they have purchased it already, or if it is required in another course or program.

### **Student Teaching**

A student must successfully complete a full-day, full-semester student teaching experience in a school setting. Moreover, in order to be certified to teach in Wisconsin, all candidates are required to demonstrate readiness for independent teaching through a performance-based assessment. St. Norbert candidates must take and pass the Teacher Work Sample, an approved alternative to the edTPA. The Teacher Work Sample enables candidates to plan, teach and assess a 3-5 lesson sequence and to reflect on their practice.

### **Wisconsin Foundations of Reading Test (only for K-9 licensure)**

In order to be certified to teach in Wisconsin, elementary teacher candidates are required to demonstrate their content knowledge, proficiency and depth of understanding of the subject of early literacy development by passing a standardized test – The Wisconsin Foundations of Reading Test (WiFORT) with a minimum score of 233.

## **ENGLISH [ENGL]**

[www.snc.edu/english](http://www.snc.edu/english)

Our mission: to prepare majors, through the careful study of literature, writing, and the humanities, with the knowledge, skills, and habits of mind needed to live fulfilling lives and to make positive contributions to their communities.

English majors leave the College prepared, as the Norbertines call us to be, for every good work in the world. Our majors pursue a wide range of vocations – teaching, writing, publishing, nonprofit work, advertising, business, politics, and the law, to name just a few – and are inspired to use their knowledge, expertise, and joy in the service of others.

At the completion of the major in English, students are able to:

- Understand literature's complexity, diversity, history, and evolution to form dynamic worldviews
- Communicate effectively for the appropriate rhetorical situation (audience, purpose, stance, context, medium, mode)
- Apply critical methods in reading and researching of literary texts

### **ENGLISH FACULTY**

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**AnaMaria Seglie Clawson**, associate professor of English

**Deirdre Egan-Ryan**, professor of English, co-director of faculty development

**Laurie MacDiarmid**, professor of English, director of the writing center

**Katherine Daily O'Meara**, assistant professor of English, director of writing across the curriculum

**Leah Toth**, assistant professor of English

**Graduate school advisor in literature:** any full-time faculty member in English

**Graduate school advisor in creative writing:** Laurie MacDiarmid

**Graduate school advisor in writing studies/rhetoric and composition:** Kat O'Meara

### **COURSE REQUIREMENTS**

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#### **Degree Awarded if Primary Major: Bachelor of Arts**

The English discipline strongly urges students to take more English courses than required for the major or minor.

#### **English Major** - (40 credits)

ENGL 201 Introduction to Literary Studies (for majors and minors)

ENGL 350 Major Author Seminar

ENGL 498 English Major Capstone

One course from each of the categories below  
One additional ENGL course

**One English Literature Survey**

ENGL 225 Survey of English Literature 1  
ENGL 226 Survey of English Literature 2

**One American Literature Survey**

ENGL 235 Survey of U.S. Literature 1  
ENGL 236 Survey of U.S. Literature 2

**One Diversity Literature**

ENGL/WMGS 206 Queer Literature  
ENGL 221 The American Short Story  
ENGL 309 African-American Novel  
ENGL/WMGS 310 Race and Sex in Contemporary U.S. Texts  
ENGL/WMGS 311 Women and Literature  
ENGL 323 The Harlem Renaissance  
ENGL 356 Postcolonial Literature

**One Methods**

ENGL 302 Composition Theory and Writing  
ENGL 305 Literary Theory and Writing

**One Early Studies**

ENGL 321 Dante: The Divine Comedy  
ENGL 322 Medieval Literature  
ENGL 325 Chaucer  
ENGL 334 Milton  
ENGL 339 Shakespeare

**One Special Topics**

ENGL 205 Irish Modernism  
ENGL 212 Modern British Novel  
ENGL 222 Modern Poetry  
ENGL 290 Introduction to Writing Studies  
ENGL 306 Professional Writing  
ENGL 307 Fiction Workshop  
ENGL 308 Poetry Workshop  
ENGL 313 Writing for the World  
ENGL 314 Modern Drama  
ENGL 315 Rock and Roll Movies  
ENGL 317 Nineteenth Century American Novel  
ENGL 318 Modern American Novel  
ENGL 289/389 Special Topics  
ENGL 329 Literature of Service  
ENGL 358 Detective Fiction

**English Major with a Writing Emphasis - (40 credits)**

ENGL 201 Introduction to Literary Studies (for majors and minors)  
ENGL 350 Major Author Seminar  
ENGL 498 English Major Capstone  
One course from each of the categories below

**One English Literature Survey**

ENGL 225 Survey of English Literature 1  
 ENGL 226 Survey of English Literature 2

**One American Literature Survey**

ENGL 235 Survey of U.S. Literature 1  
 ENGL 236 Survey of U.S. Literature 2

**One Creative Writing**

ENGL 215 Introduction to Creative Writing  
 ENGL 304 Creative Nonfiction Workshop  
 ENGL 307 Fiction Workshop  
 ENGL 308 Poetry Workshop  
 ENGL 425 Advanced Creative Writing Workshop

**One Professional Writing**

ENGL 290 Introduction to Writing Studies  
 ENGL 306 Professional Writing  
 ENGL 313 Writing for the World

**One Diversity Literature**

ENGL/WMGS 206 Queer Literature  
 ENGL 221 The American Short Story  
 ENGL 309 African-American Novel  
 ENGL/WMGS 310 Race and Sex in Contemporary U.S. Texts  
 ENGL/WMGS 311 Women and Literature  
 ENGL 323 The Harlem Renaissance  
 ENGL 356 Postcolonial Literature

**One Methods**

ENGL 302 Composition Theory and Writing  
 ENGL 305 Literary Theory and Writing

**One Early Studies**

ENGL 321 Dante: The Divine Comedy  
 ENGL 322 Medieval Literature  
 ENGL 325 Chaucer  
 ENGL 334 Milton  
 ENGL 339 Shakespeare

**English Major with an Education Emphasis - (40 credits)**

ENGL 201 Introduction to Literary Studies (for majors and minors)  
 ENGL 290 Introduction to Writing Studies  
 ENGL 350 Major Author Seminar  
 ENGL 498 English Major Capstone  
 One course from each of the categories below

**One English Literature Survey**

ENGL 225 Survey of English Literature 1  
 ENGL 226 Survey of English Literature 2

**One American Literature Survey**

ENGL 235 Survey of U.S. Literature 1  
 ENGL 236 Survey of U.S. Literature 2

**One Diversity Literature**

ENGL/WMGS 206 Queer Literature  
 ENGL 221 The American Short Story  
 ENGL 309 African-American Novel

ENGL/WMGS 310 Race and Sex in Contemporary U.S. Texts  
 ENGL/WMGS 311 Women and Literature  
 ENGL 323 The Harlem Renaissance  
 ENGL 356 Postcolonial Literature

**One Special Topics**

ENGL 205 Irish Modernism  
 ENGL 222 Modern Poetry  
 ENGL 306 Professional Writing  
 ENGL 307 Fiction Workshop  
 ENGL 308 Poetry Workshop  
 ENGL 313 Writing for the World  
 ENGL 314 Modern Drama  
 ENGL 315 Rock and Roll Movies  
 ENGL 317 Nineteenth Century American Novel  
 ENGL 318 Modern American Novel  
 ENGL 289/389 Special Topics  
 ENGL 329 Literature of Service  
 ENGL 358 Detective Fiction

**One Methods**

ENGL 302 Composition Theory and Writing  
 ENGL 305 Literary Theory and Writing

**One Early Studies**

ENGL 321 Dante: The Divine Comedy  
 ENGL 322 Medieval Literature  
 ENGL 325 Chaucer  
 ENGL 334 Milton  
 ENGL 339 Shakespeare

Note: Candidates interested in earning teacher licensure in English must also complete the EDUC major (4-12). See the **Education [EDUC]** section for additional certification requirements.

**English Minor** - (24 credits)

ENGL 201 Introduction to Literary Studies (for majors and minors)  
 One course from each of the categories below

**One English Literature Survey**

ENGL 225 Survey of English Literature 1  
 ENGL 226 Survey of English Literature 2

**One American Literature Survey**

ENGL 235 Survey of U.S. Literature 1  
 ENGL 236 Survey of U.S. Literature 2

**One Early Studies**

ENGL 321 Dante: The Divine Comedy  
 ENGL 322 Medieval Literature,  
 ENGL 325 Chaucer  
 ENGL 334 Milton  
 ENGL 339 Shakespeare

**One Writing**

ENGL 215 Introduction to Creative Writing  
 ENGL 290 Introduction to Writing Studies  
 ENGL 302 Composition Theory and Writing  
 ENGL 304 Creative Nonfiction Workshop

ENGL 305	Literary Theory and Writing
ENGL 306	Professional Writing
ENGL 307	Fiction Workshop
ENGL 308	Poetry Workshop
ENGL 313	Writing for the World
ENGL 425	Advanced Creative Writing Workshop

### **One Special Topics**

ENGL 205	Irish Modernism
ENGL 222	Modern Poetry
ENGL 306	Professional Writing
ENGL 313	Writing for the World
ENGL 314	Modern Drama
ENGL 315	Rock and Roll Movies
ENGL 317	Nineteenth Century American Novel
ENGL 318	Modern American Novel
ENGL 289/389	Special Topics
ENGL 329	Literature of Service
ENGL 358	Detective Fiction

## **ENGLISH AS A SECOND LANGUAGE (ESL) PROGRAM**

[www.snc.edu/cge/esl](http://www.snc.edu/cge/esl)

The intensive English as a Second Language (ESL) program is designed to provide students with authentic and in-depth experience in academic English language as well as with immersion in U.S. culture. Students enroll in language courses and theme courses, with additional elective options. The program also offers a variety of experiential learning opportunities for English language learners.

### **English as a Second Language Courses**

The following non-credit English language courses are open to non-native speakers of English who want to improve their English language skills for academic or professional purposes. These courses are offered by the Center for Global Engagement (CGE), which is housed in the Bemis International Center (BIC).

### **Beginning Level Courses (infrequently offered)**

ESLI 042	Beginning Reading
ESLI 043	Beginning Writing
ESLI 044	Beginning Speaking
ESLI 045	Beginning Listening

### **Elementary Level Courses**

ESLI 051	Grammar Topics 1
ESLI 052	Building Reading Vocabulary
ESLI 053	Introduction to Essay Writing
ESLI 054	Cultural Immersion 1
ESLI 055	Interactive Listening
ESLI 056	Conversation Skills

### **Intermediate Level Courses**

ESLI 065	U.S. Society
ESLI 066	Culturally Speaking
ESLI 067	Public Speaking
ESLI 071	Grammar Topics 2
ESLI 072	Skills for Reading Success

ESLI 073	Essay Writing
ESLI 074	Cultural Immersion 2
ESLI 075	Effective Listening Comprehension
ESLI 076	Speaking Skills
ESLI 077	Integrated Study
ESLI 078	U.S. Film and Culture

### Advanced Level Courses

ESLI 081	Current Events/News
ESLI 085	Intercultural Business
ESLI 086	Introduction to U.S. History
ESLI 088	Introduction to U.S. Literature
ESLI 089	Intercultural Communication
ESLI 091	Grammar Topics 3
ESLI 092	Academic Reading Skills
ESLI 093	Introduction to Academic Writing
ESLI 094	Cultural Immersion 3
ESLI 095	Lectures and Note Taking
ESLI 096	Presentation Skills

## ENVIRONMENTAL SCIENCE [ENVS]

[www.snc.edu/environmentalscience](http://www.snc.edu/environmentalscience)

Environmental science is an interdisciplinary major which requires advanced coursework in the areas of biology, geology and chemistry. The environmental science program has several objectives: 1) to provide students with a solid science foundation balanced with a liberal arts education, 2) to provide a foundation in the specifics, theory and concepts of environmental science as a prerequisite for postgraduate study or for positions in government or industry, 3) to develop research skills in students and 4) to develop in the students a contemporary environmental ethic based on a scientific understanding of natural processes.

### ENVIRONMENTAL SCIENCE FACULTY

**Anindo Choudhury**, professor of biology and environmental science

**Nelson Ham**, professor of geology and environmental science and discipline coordinator

**Carrie Kissman**, associate professor of biology and environmental science

**David Poister**, professor of chemistry and environmental science

**Graduate school advisor:** any faculty member in environmental science

### COURSE REQUIREMENTS

**Environmental Science Major** - (60 credits)

**Degree Awarded if Primary Major: Bachelor of Science**

#### Required Courses

BIOL 120	Introduction to Cell & Molecular Biology
BIOL 121	Introduction to Organismal Biology
BIOL 228	Ecology
CHEM 105	General Chemistry 1
CHEM 107	General Chemistry 2
CHEM 220	Organic Chemistry
CHEM 302	Environmental Chemistry
ERTH 105	Geology
	<b>or</b> EARTH 107 Environmental Geology

ERTH 225 Hydrogeology  
SSCI 224 Basic Statistics  
or MATH 221 Introduction to Statistics with R

**Electives** (5 courses = 20 credits from the following list; must include one from BIOL and one from EARTH)

BIOL 201 Botany  
BIOL 244 Genetics  
BIOL 310 Tropical Biology  
BIOL 338 Limnology  
BIOL 350 Microbiology  
BIOL 355 Invertebrate Biology  
BIOL 368 Parasitology  
BIOL 388 Mammalogy  
BIOL 389 African Wildlife Conservation and Health  
BIOL 390 Ichthyology  
BIOL 489 Animal Behavior  
BIOL 489 Disease Ecology  
ERTH 250 Geomorphology  
ERTH 350 Glacial and Quaternary Geology  
POLI 348 Environmental Politics  
POLI 349 Global Environmental Politics

**Notes:**

- Students may not use any BIOL course as both an elective in the ENVS major and to meet course requirements for the BIOL major.
- Students may only receive credit for POLI 348 or POLI 349, not both.
- It is strongly recommended that all ENVS majors take EARTH 230 GIS for Geosciences.
- It is strongly recommended that students take a statistics course before BIOL 228 Ecology.
- Students considering graduate school are encouraged to take advanced courses in mathematics (MATH 131 Calculus and Analytic Geometry 1) and chemistry (CHEM 222 Organic Chemistry Intermediate).
- In consultation with the environmental science faculty, students planning to attend graduate school are also encouraged to take additional courses in the sciences and participate in experiences such as internships, directed research, and field courses.

## **FRENCH AND FRANCOPHONE STUDIES [FREN]**

[www.snc.edu/ml](http://www.snc.edu/ml)

The French and Francophone studies program at St. Norbert College offers students a global perspective, as well as an understanding of the French-speaking world through a combination of language study, critical cultural studies, historical contextualization, and linguistic and cultural immersion. Students may choose an academic major or minor in French and Francophone Studies.

Students completing FREN 204 with an average of “B” or better obtain a French Language Certificate. French students may combine their studies with majors or minors in a variety of disciplines, such as international studies and education. The French faculty occasionally offers literature and culture courses in English in the core curriculum.

The objectives of the French and Francophone studies program are to enable students to communicate effectively in French and to understand and appreciate the cultures and values of the French and Francophone world. Studies in French help students increase their awareness of their own values and beliefs as well as those of French and Francophone cultures; aid in preparing teachers for language teaching careers; provide language skills and cultural awareness to students specializing in other academic areas; enable students to meet the language requirements of graduate programs in the study of languages and comparative literature, law, international affairs, and the humanities. In addition, this degree also offers preparation for international careers in which students draw on their communication skills in French and their understanding of the history and cultures of the French-speaking world.

All French and Francophone studies courses are taught in French, which students are expected to use in class; in addition, courses at the beginning, intermediate and advanced levels require formal oral presentations and papers in French. French courses are interdisciplinary and focus on French studies, therefore including many disciplines from throughout our campus. This includes, but is not limited to, the arts, philosophy, psychology, history, the social and natural sciences, and many more. French courses focus on communication and French for use in authentic, real-world settings.

The French discipline hosts a foreign language teaching assistant (FLTA) from France each year. This graduate student comes to us from our direct exchange partner, the Catholic University of Lille. The FLTA attends French classes, helps students with their work, serves as a resource about France and our exchange program at the Catholic University, and helps with the French Club. Recently chartered, the French Club promotes and increases awareness of French and Francophone cultures on campus through a variety of activities. Other study abroad opportunities for students include the American Institute for Foreign Study in Grenoble and the University of Minnesota Learning Abroad Center in Montpellier.

It is strongly recommended for French students to study abroad on an SNC faculty-led global seminar, an SNC summer program, or an SNC semester study abroad program. Information about international programs and study abroad opportunities can be found here: <https://www.snc.edu/academics/global-experiences.html>

## **FRENCH FACULTY**

**Terri Schroth**, associate professor of French and Spanish

## **COURSE REQUIREMENTS**

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**French and Francophone Studies Major** - (32 credits at the 300 level or above)

**Degree Awarded if Primary Major: Bachelor of Arts**

For the French major, students must complete eight FREN courses at the 300 level and above.

Note:

At least four of the eight courses for the French major must be taken at St. Norbert College. It is strongly recommended for French students to study abroad on an SNC faculty-led global seminar, an SNC summer program, or an SNC semester study abroad program. Information about international programs and study abroad opportunities can be found here: <https://www.snc.edu/academics/global-experiences.htm>

Note: Students interested in earning teacher licensure in French must also complete the K-12 major in Education. See the **Education [EDUC]** section for additional certification requirements.

**French and Francophone Studies Academic Minor** - (16 credits at the 300 level or above)

For the French academic minor, students must complete any four FREN courses at the 300 level or above.

Note:

- At least two of the four courses for the French minor must be taken at St. Norbert College.

## **French Language Certificate**

A French language certificate is available and recognizes successful demonstration of intermediate-level proficiency in the language for students that choose not to pursue a language major or minor. The certificate recognizes competency equivalent to the successful completion of the FREN 101-204 sequence with an overall GPA of 3.00 or better in the language courses counting toward the certificate. The course that demonstrates successful completion of the certificate must be taken at St. Norbert College through the modern languages and literatures curriculum and the student must earn a “B” or higher in this course. A student who places beyond the 204 level (e.g., 305) still must complete one class on campus and receive a grade of “B” or higher in that class. A student who might be interested in a certificate could take four classes (FREN 101, FREN 102, FREN 203, FREN 204) at St. Norbert College. However, students who might be interested in a certificate could place into FREN 203 or FREN 204 and would only have to take one, or at most, two classes.

See the **Modern Languages and Literatures [MLLS]** section for additional information on all St. Norbert College language programs, policies and courses.

#### **Retroactive Credit Policy**

Students may be awarded up to (2) lower-level courses, equivalent to a maximum of (8) retroactive credits, by earning a grade of “B” or better in specific language, math or computer science classes that are above the introductory level (ex: 101).

## **GEOGRAPHY [GEOG]**

[www.snc.edu/geography](http://www.snc.edu/geography)

Geography provides a broad perspective for studying and connecting human and natural phenomena – locally, regionally and at the global scale. It is an integrative discipline that brings together natural and human dimensions of our world in the study of peoples, places and environments. Geography’s hallmark is the analysis of spatial distributions and relationships to explain how and why people, cultures, economic and political activities, physical environments, and natural resources vary from place to place. Geography’s spatial perspective complements social and natural science methods, as well as offering approaches that support the humanities and fine arts. Geography provides an intellectual bridge between disciplines and a meaningful – indeed, powerful – contribution to a liberal arts education. Geography plays an important role in the College’s mission and set of core values by encouraging and helping SNC students to “embrace a diversity of persons, perspectives and cultures,” and to become “responsible citizens of a diverse, interdependent, and changing world.”

Geography provides important contributions to the SNC Core Curriculum, with courses fulfilling Beyond Borders and Difference & Diversity categories. No major program is currently offered.

## **GREEK [GREK]**

[www.snc.edu/classicalstudies](http://www.snc.edu/classicalstudies)

The study of ancient Greek gives students access to literature and thought that is foundational to Western civilization. From the great epics of Homer to the earliest historians, poets, playwrights, and the great philosophies of Plato and Aristotle, the Greek language has been the medium of thought and expression for the most profound stirrings of the human spirit. In the New Testament and the writings of the early fathers of the Church, Christian thought is shaped by forms of Greek expression. Finally, study of ancient Greek increases student proficiency with English grammar and vocabulary.

Please see the **Classical, Medieval and Renaissance Studies [CLAS]** section of the catalog for information on faculty and for the retroactive credit policy for Greek language.

#### **Retroactive Credit Policy**

Students may be awarded up to (2) lower-level courses, equivalent to a maximum of (8) retroactive credits, by earning a grade of “B” or better in specific language, math or computer science classes that are above the introductory level (ex: 101).

## HEALTH AND HUMAN PERFORMANCE [HAHP]

**Residency Requirement:** In order to earn a B.S. degree from St. Norbert College, a student must earn satisfactory credit in at least six required Health and Human Performance courses at St. Norbert College.

**Health and Human Performance Major** (24 credits, plus a concentration)

**Degree Awarded if Primary Major: Bachelor of Science**

BIOL 120 Introduction to Cell & Molecular Biology  
or BIOL 105 Human Biology and Society  
BIOL 216 Human Anatomy and Physiology I  
BIOL 217 Human Anatomy and Physiology II  
CHEM 105 General Chemistry I  
or CHEM 100 Applications of Chemistry  
SSCI 224 Basic Statistics  
or MATH 221 Introduction to Statistics with R  
PSYC 100 Introduction to Psychological Science

**Public Health Concentration** (30 credits)

GEOG 231 GIS-Social Sciences/Humanities (2 cr)  
MATH 240 Epidemiology  
POLI 132 Introduction to Public Policy  
SOC 236 Introduction to Public Health  
SOC 300 Social Research Methods

Three (3) electives from the following list of courses:

- BIOL 250 Introductory Microbiology
- BIOL 410 Disease Ecology
- CLAS 201 Medical & Legal Terminology in Latin (offered during J-term / Summer)
- COME 312 Communication & Mental Health
- COME 327 Health Communication
- DATA 101 Data Analytics & Info Systems
- GEOL 225 Hydrogeology
- IDIS 313 One Health
- PEAC 200 Introduction to Peace and Justice
- POLI 346 Policy Advocacy
- PSYC 200+ elective  
or COME 352 Media Psychology
- SOCI 444 Health, Illness and Society

**Sports Medicine Concentration** (28 credits)

PHYS 111 Fundamentals of Physics I  
or PHYS 121 General Physics I  
PHYS 112 Fundamentals of Physics II  
or PHYS 122 General Physics II  
CHEM 107 General Chemistry II

Four (4) electives from the following list of courses:

- BIOL 250 Introductory Microbiology
  - CLAS 201 Medical & Legal Terminology in Latin (offered during J-term / Summer)
  - HUMA 424 Sports and Society
  - PSYC 200+ elective  
or COME 352 Media Psychology
  - PHIL 208 Philosophy of Sports
- Discipline-approved electives

**Medical Humanities Concentration** (16 credits)

Four (4) electives from the following list of courses:

- CLAS 201 Medical and Legal Terminology from Greek and Latin (offered during J-term / Summer)
- CLAS 335 Bodies of Knowledge
- ENGL 306 Professional Writing
- IDIS 313 One Health
- PEAC 200 Introduction to Peace and Justice
- PHIL 200 Philosophy of Sex and Love
- PHIL 211 Food Ethics
- PHIL 218 Science and Philosophy
- PHIL 275 Bioethics
- PSYC 215 Human Sexuality
- SOCI/WMGS 361 Gender, Sexuality and Society
- THRS 210 Death and Dying
- THRS 333 Christian Ethics

**Health and Human Performance – Pre-Nursing Minor** (36 credits)

BIOL 120 Introduction to Cell & Molecular Biology **or** BIOL 105 Human Biology and Society  
BIOL 216 Human Anatomy and Physiology I  
BIOL 217 Human Anatomy and Physiology II  
BIOL 250 Introductory Microbiology  
CHEM 105 General Chemistry I  
**or** CHEM 100 Applications of Chemistry  
COME 327 Health Communication  
PSYC 100 Introduction to Psychological Science  
PSYC 220 Lifespan Human Development  
SSCI 224 Basic Statistics  
**or** MATH 221 Statistics in the Sciences

**Health and Human Performance – Pre-Health Minor** (24 credits)

PHYS 111 Fundamentals of Physics I  
**or** PHYS 121 General Physics I  
PHYS 112 Fundamentals of Physics II  
**or** PHYS 122 General Physics II  
MATH 131 Calculus and Analytic Geometry I  
**or** MATH 130 Differential Calculus of Non-Polynomials and Integral Calculus  
**or** MATH 221 Introduction to Statistics with R  
**or** SSCI 224 Basic Statistics

*Three (3) electives from the following list of courses*

(recommended taking courses from multiple areas, courses cannot count toward primary major):

BIOL 200+ Elective  
CHEM 200+ Elective  
PSYC 200+ Elective  
**or** COME 352 Media Psychology  
SOCI 200+ Elective  
SOCI 236 Intro to Public Health  
IDIS 313 One Health  
COME 312 Communication and Mental Health  
**or** COME 327 Health Communication  
Health and Human Performance Approved Elective

**Pre-Nursing Program** (2 year, with transfer to a BSN program)

BIOL 250 Introductory Microbiology

ECON 101 Macroeconomics

or ECON 102 Microeconomics

PHIL 120 Philosophical Foundations of Human Nature

PSYC 220 Lifespan Human Development

THRS 117 Theological Foundations

ENGL 150 Literature and Writing

or Writing Intensive (C-WI)

\*Communication Elective (COME)

\*Difference and Diversity Elective (C-DD)

\*Humanities Elective

\*Social Science Elective

*\*One of these must be at the 300 or 400 Level*

Additional non SNC Requirements

- Completion of a medical terminology course
- Completion of a nursing assistant course

Minimum Requirements for Application to Bellin College

- GPA (calculated by Bellin using transfer courses)
- 56 Semester Credits
- Must have a C or higher in each course in order for it to transfer to Bellin College
- See Bellin College website for up to date transfer admissions requirements

<https://www.bellincollege.edu/admissions/how-to-apply/undergraduate-admissions/transfer-students/>

*The Pre-Nursing Program is a cooperative program with St. Norbert College (SNC) and Bellin College. Students do not earn a St. Norbert degree or complete a major or minor at SNC. Students will apply to transfer to Bellin during their second year at SNC and must meet the Bellin College Transfer admittance requirements.*

*Eligible students may be able to enroll in the Bellin College 15-month BSN option beginning in June or the two year transfer option in the fall. Students interested in the 15-month option should discuss this with the SNC academic advisor and the Bellin College admissions representative.*

*Each fall, SNC and Bellin College will coordinate a meeting for nursing students to review program milestones and provide updates on the transfer process. It is recommended that students set up a meeting with Belling College Admissions*

## **HEBREW [HEBR]**

[www.snc.edu/religiousstudies](http://www.snc.edu/religiousstudies)

Biblical Hebrew is the language of two-thirds of the Bible. For centuries, knowledge of Hebrew and the other original languages of the Bible has been recognized to be indispensable for proper theological analysis of biblical texts. Besides the continuous tradition of Hebrew language study among Jewish philosophers and theologians over the past 2,500 years, many of the most important theological thinkers in the Christian tradition – Jerome and Martin Luther among them – have been able to read the biblical text in its original language.

## **HISTORY [HIST]**

[www.snc.edu/history](http://www.snc.edu/history)

This discipline offers courses in African, European, Latin American, Middle Eastern and U.S. history. These courses examine particular historical periods from a variety of perspectives. Political, social, diplomatic, religious, economic, intellectual and cultural considerations are integral parts of the courses offered. This broad approach provides an opportunity for students to understand better the value commitments of their own and other cultures.

Additionally, by investigating events through the interpretation and comparison of sources, students learn the fundamental skills of analysis and critical thinking. By making these contributions to the College's liberal arts curriculum, the history discipline prepares its major and minor students for careers in teaching, law, business, government and other professions.

### **History Discipline Mission Statement**

The history discipline fully supports the mission of the College. The study of history is central to the liberal arts curriculum, emphasizes a wide variety of intellectual skills, obliges students to identify and test their values and convictions, and advances the Catholic intellectual tradition. Furthermore, it is an important contributor to the College's global mission and awareness of diversity through its many courses on Africa, Europe, Latin America, the Middle East, and the United States.

More specifically, the history discipline strives to enhance the ability of students to think critically: to learn how to read documents and texts carefully, to ask pertinent questions about evidence, to consider issues of bias, authorship, intended audience, context and language. Such critical thinking skills are modeled for our students in our class lectures, emphasized in our assignments and especially required in our essays. Students display their growth in critical thinking through their written work and class discussions.

Simultaneously, the discipline seeks to educate students about the histories of various parts of the world: that is, to impart knowledge about how societies have changed over time, how ideas have developed, and how people have responded to changes, both positive and negative, under a variety of conditions and circumstances. Students thus gain not only an understanding of the human experience, but also a sense of perspective (how things have come to be the way they are, how people have come to identify themselves the way they do) as well as a sense of historical empathy (how conditions have appeared to people in other places and times).

Most broadly, it is hoped that history students will come to understand both the world and their place in it differently – more clearly, more carefully and more completely.

## **HISTORY FACULTY**

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**Robert Kramer**, professor of history

**Michael Lovano**, assistant professor of history

**Carrie Ryan**, associate professor of history

**Victoria Tashjian**, professor of history, discipline coordinator

**Abigail Trollinger**, associate professor of history

**Undergraduate internship and graduate school advisor:** Robert Kramer

## **COURSE REQUIREMENTS**

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### **History Major** - (44 credits)

Four of the following:

- HIST 112 History of Western Civilization 1: From the Bronze Age to the Renaissance  
or HIST 113 History of Western Civilization 2: Early Modern and Modern Europe
- HIST 114 History of the United States 1  
or HIST 115 History of the United States 2
- HIST 117 Survey of African History 1  
or HIST 119 Survey of African History 2
- HIST 120 Survey of Middle Eastern History  
or HIST 121 The Modern Middle East
- HIST 131 Colonial Latin America  
or HIST 132 Modern Latin America

One of the following:

- HIST 210 Making History: Truth and Myth
- HIST 211 Discoveries in the Archives: Archival Research Methods in History
- HIST 212 Digital Humanities

*And:*

Three advanced (200 level or above) courses from one area of concentration

Two advanced courses from a second area of concentration

One advanced course from a third area of concentration

**Areas of concentration and their advanced courses:**

**Africa**

- HIST 320 Genocide
- HIST 335 Women and Work
- HIST 341 Islam and Victorianism in 19<sup>th</sup>- C. Africa
- HIST 344 Colonialism in Africa Through the Novel
- HIST 345 Slavery in World History
- HIST 351 Women, Gender and Imperialism

**Europe**

- HIST 326 The History of Ancient Greece
- HIST 328 The History of Ancient Rome
- HIST 329 The History of Medieval Europe
- HIST 331 History of the Byzantine Empire
- HIST 350 The History of Modern Europe
- HIST 351 Women, Gender and Imperialism
- HIST 370 The End of the World

**Latin America**

- HIST 371 Revolutions in Latin America
- HIST 372 Borderlands in Latin America
- HIST 373 The U.S. in Latin America

**Middle East**

- HIST 320 Genocide
- HIST 340 Israel/Palestine: Roots of the Arab-Israeli Conflict
- HIST 341 Islam and Victorianism in 19<sup>th</sup>- C. Africa
- HIST 343 The Modern Middle East
- HIST 354 Issues in the Contemporary Middle East

**United States**

- HIST 322 American Immigration and Ethnic History
- HIST 324 Poverty, Charity, Welfare in Amer. History
- HIST 327 Women and Gender in United States History
- HIST 335 Women and Work
- HIST 345 Slavery in World History

History majors, especially those planning to do graduate work, are strongly encouraged to study a foreign language. Transfer students who wish to earn a major in history must satisfy the above requirements or their equivalent and must complete, on the SNC campus, at least three advanced courses.

**History Minor** - (24 credits)

*Four of the following:*

- HIST 112 History of Western Civilization 1: From the Bronze Age to the Renaissance  
**or** HIST 113 History of Western Civilization 2: Early Modern and Modern Europe
- HIST 114 History of the United States 1  
**or** HIST 115 History of the United States 2
- HIST 117 Survey of African History 1  
**or** HIST 119 History of African History 2
- HIST 120 Survey of Middle Eastern History  
**or** HIST 121 The Modern Middle East
- HIST 131 Colonial Latin America  
**or** HIST 132 Modern Latin America

*And:*

Two HIST courses at the 200 level or above

Students may use AP or CLEP examination credit to fulfill their major requirements as follows: one course in Western Civilization (HIST 113) and one course in United States History (HIST 114 or HIST 115).

## **HONORS PROGRAM [HONR]**

[www.snc.edu/honorsprogram](http://www.snc.edu/honorsprogram)

### **Mission and Vision**

Guided by the Norbertine ideal of *communio*, the SNC Honors Program empowers students of outstanding ability to fulfill their intellectual, spiritual, and personal potential by promoting innovative pedagogy and leadership development within a dynamic living-learning community.

## **HONORS PROGRAM PROCEDURES AND INFORMATION**

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The Honors Program is multifaceted and includes coursework, Honors-only classes and seminars, as well as participation in a living-learning community. First-year Honors students also live together in Bergstrom Hall, where they join with each other in forming a community of student scholars. The community assistant and the resident assistants in Bergstrom are typically members of the Honors Program.

### **THE HONORS CURRICULUM**

Honors students enroll in Honors-only sections of St. Norbert College's foundation courses, Theological Foundations and Philosophical Foundations in the Study of Human Nature during their first year. In the Spring semester of their first year, all Honors students enroll in the two-credit HONR 150 (Life at SNC); in the Fall of their sophomore year, Honors students enroll in the two-credit HONR 301 (Life after SNC).

In the following semesters, Honors students choose from a selection of Honors-designated courses in the Core Curriculum. These small, discussion-based classes, nearly all of which satisfy a Core Curriculum requirement, provide students with a challenging classroom environment that offers extensive interaction with the professor as well as with the other students. Other options for fulfilling Honors requirements include study abroad experiences, faculty-directed research, and the one-credit HONR 450 (Senior Seminar).

Basic academic requirements of the program include:

- Honors sections of PHIL 120 and THRS 117
- HONR 150 and HONR 301
- Two Honors courses

Note that Honors students may substitute an Honors tutorial, HONR 450, study abroad, student teaching abroad, or the Washington semester for up to two Honors courses. Further, Honors students may substitute a transcriptable, faculty-directed research project for one Honors course.

Honors students must have a GPA of 3.5 at the end of their senior year to become graduates of the Honors Program.

### **Admission into the Program**

Outstanding incoming students are encouraged to apply for admission to the program. A strong record of achievement (class rank, high school grades, and coursework) is essential to the selection process, but the selection criteria also include participation in extracurricular activities, leadership potential, creative endeavors, and teacher or counselor recommendations.

### **The Honors Center**

The Honors Center is located in Mulva 115. It provides a place where Honors students can find answers to questions related to the program, information about upcoming events both on and off-campus, opportunities offered by the National Collegiate Honors Council (NCHC), an extensive collection of graduate examination resources, and a centralized meeting location for Honors student staff members and the Honors Pulse editorial team. The Honors Center also houses the College's chapter of the national honor society, Phi Kappa Phi.

Visit our website, [www.snc.edu/honorsprogram](http://www.snc.edu/honorsprogram) for further information on the St. Norbert College Honors Program, or contact Dr. Joel Mann, Honors program director, ([joel.mann@snc.edu](mailto:joel.mann@snc.edu)), St. Norbert College, 100 Grant St., De Pere, WI 54115-2099, (920)403-2969.

## **INTERNATIONAL EDUCATION [INED]**

[www.snc.edu/cge/studyabroad](http://www.snc.edu/cge/studyabroad)

The St. Norbert College Study Abroad and Off-Campus Programs office provides global opportunities for every student, including semester- and year-long international programs, semester-long internship programs in Washington, D.C., and short-term programs (Global Seminars) during the summer and J- terms. To supplement their academic experiences, students may conduct independent research, enroll in a service-learning course, or complete an internship. The office offers students a holistic experience by providing expert support before, during, and after each study abroad or off-campus program.

## **INTERNATIONAL STUDIES [INTL]**

[www.snc.edu/internationalstudies](http://www.snc.edu/internationalstudies)

### **International Studies Program Mission**

The International Studies Program at St. Norbert College trains its students to become leaders in our complex, interconnected world. The International Studies major balances a depth of knowledge and experience in a student-chosen geographical area with a breadth of knowledge offering students wide-ranging interdisciplinary and global perspectives. International Studies students acquire the knowledge, skills, and firsthand experience to chart their course in making a positive difference in the wider world. International Studies builds concretely toward St. Norbert College's commitment to internationalization in all areas of its mission:

### **The Catholic Tradition**

The International Studies major dovetails naturally with St. Norbert College's commitment to Catholic traditions of learning. International Studies, by nature and design, "welcomes all views into the conversation, appreciating the contributions of diverse backgrounds, commitments, and experiences." International Studies also orients student learning explicitly toward "solidarity with the entire human family, along with care for the world that is our common home," guiding students in their intellectual and human growth toward a greater engagement with the wider world and the sacred dignity of all persons.

### **The Norbertine Tradition**

The Norbertine call to serve others, to *communio*, and to work toward reconciliation and peacebuilding, are all core to the mission of the International Studies major. International Studies students complete coursework and study abroad in their area of geographical emphasis, often in conjunction with service work and internships in those areas. International Studies' core commitments to service and *communio* are also reflected in our students' service, social justice, diversity, and international pursuits on campus and in the local and global community. For example, they have been involved in Global Scholars, FUVIRESE, the Zambia Project, the Norman Miller Center for Peace,

Justice and Public Understanding, the World of Hope Gala, Fiesta, Amnesty International, Poverty Week, Campus Music Ministry, programs sponsored by the Center for Global Engagement and other community programs at SNC.

### **The Liberal Arts Tradition**

The International Studies major promotes the liberal arts tradition. It draws on many disciplines to produce well-rounded citizens who can gather, critically analyze, and effectively synthesize information about the world and its “diverse cultures, perspectives, and beliefs.” International Studies coursework and study abroad experiences promote profound engagement with our wider, interconnected world and stimulate students’ curiosity, transforming them into lifelong learners with interdisciplinary and international awareness. International Studies majors are poised to take on leadership roles after graduation because they acquire the skills to thrive in diverse cultural and political contexts.

## **INTERNATIONAL STUDIES ADVISORY BOARD**

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**Judy Cervantes**, associate professor of modern languages and literatures

**Sabrina Du**, assistant professor of business administration

**Victoria Tashjian**, professor of history

**Gratzia Villarroel**, associate professor of political science, director of international studies, graduate school advisor

## **COURSE REQUIREMENTS**

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**International Studies Major** - (40 credits)

**Degree Awarded if Primary Major: Bachelor of Arts**

**Foundational Coursework (16 credits)**

INTL 150 Introduction to International Studies

POLI 350 International Relations (or approved elective)

INTL 400 International Studies Capstone (or approved, credit-bearing capstone experience)

*One of the following (or an approved elective):*

INTL 389 Special Topics in International Studies

INTL 450 UN Seminar

POLI 352 Human Rights

POLI 353 U.S. Foreign Policy

POLI 355 International Organizations

POLI 362 The Global South in the 21st Century

POLI 349 Global Environmental Politics

POLI 410 Global Political Extremism

POLI 450 UN Seminar

Recommended: SSCI 224 Basic Statistics

**Global Options – 12 credits**

3 approved international electives

**Geographic Concentration - 12 Credits**

Students must choose a geographic concentration and take three courses in that geographic concentration to fulfill the requirement.

**Africa Concentration**

HIST 117 Survey of African History 1

HIST 119 Survey of African History 2

HIST 320 Genocide

HIST 335 Women and Work

HIST 341 Islam and Victorianism in Nineteenth-Century Africa

HIST 345 Slavery in World History  
HIST 351 Women, Gender, and Imperialism  
SSCI 333 Issues in African Development  
Discipline-approved elective

### **European Concentration**

FREN 320 Masterpieces of French Literature  
FREN 360 Francophone Societies Through Literature and Film  
FREN 375 French Civilization, Literature, and Identity  
HIST 113 History of Western Civilization II  
HIST 350 Modern European History  
HIST 351 Women, Gender, and Imperialism  
HIST 370 The End of the World  
POLI 310 Fascism and Socialism  
SPAN 301 Introduction to Hispanic Film and Media  
SPAN 302 Introduction to Hispanic Literary Texts and Media  
SPAN 375 Spanish Civilization  
Discipline-approved elective

### **Latin America Concentration**

HIST 131 Colonial Latin America  
HIST 132 Modern Latin America  
HIST 371 Revolutions in Latin America  
HIST 372 Borderlands in Latin America  
HIST 373 The U.S. in Latin America  
POLI 368 Latin American Politics through Film, Literature and Music  
SPAN 301 Introduction to Hispanic Film and Media  
SPAN 302 Introduction to Hispanic Literary Texts and Media  
SPAN 365 Latin American Civilization: South America and the Caribbean  
SPAN 370 Latin American Civilization: Mexico and Central America  
Discipline-approved elective

### **Middle East Concentration**

HIST 120 Survey of Middle Eastern History  
HIST 320 Genocide  
HIST 340 Israel/Palestine: The Roots of the Arab-Israeli Conflict  
HIST 341 Islam and Victorianism in Nineteenth-Century Africa  
HIST 343 The Modern Middle East  
HIST 354 Issues in the Contemporary Middle East  
THRS 343 Muslim-Christian Dialogues  
Discipline-approved elective

### **United States Concentration (for international students only)**

ART 285 Art in a Democratic Society  
ART 375 Race, Gender, and Contemporary Art  
ENGL 235 Survey of U.S. Literature 1  
ENGL 236 Survey of U.S. Literature 2  
HIST 114 History of the United States 1  
HIST 115 History of the United States 2  
HIST 322 American Immigration and Ethnic History  
HIST 324 Poverty, Charity, and Welfare in American History  
MUSI 184 The History of American Popular Music  
MUSI 318 Evolution of Jazz  
POLI 131 American Politics Transformed  
THRS 221 Religion in America  
Discipline-approved elective

### **Study Abroad Requirement**

International Studies majors are required to study abroad for one semester. Most often, students study abroad during their junior year.

\*Students may count 12-16 credits from Study Abroad toward Global Options or their Geographic Concentration as long as they took two courses from these sections at SNC. International Students may choose to go to the Washington Semester instead of abroad to fulfill this requirement.

Stipulations:

- Residency Requirement: INTL 150, INTL 350 and INTL 400 must be taken at St. Norbert College. In addition, a minimum of 2 courses (8 credits) for either Global Options or their Geographic Concentration must be completed at St. Norbert College.
- No more than three courses from the Global Options section and the Geographic Concentration can be shared with another major.
- Study Abroad Guidelines:
  - It is recommended that students meet with the Director of the International Studies program within the first 3 semesters to develop a plan for study abroad.
  - Students are encouraged to study abroad in their geographical region of concentration.
  - Students are encouraged to study abroad in programs emphasizing community engagement through internships, service learning, or volunteer work opportunities, such as the School for International Training (SIT) programs.

## **LATIN [LATN]**

[www.snc.edu/classicalstudies](http://www.snc.edu/classicalstudies)

The study of Latin gives students access to the treasures of Roman and medieval literature and philosophy, the foundation stone of western civilization. Latin is an indispensable tool for the study of the history, music, liturgy and theology of the Christian Church. Knowledge of Latin also greatly enhances a student's understanding of English vocabulary and grammar and is an excellent supplement to the study of all the modern Romance languages.

Please see the catalog section on Classical, Medieval, and Renaissance Studies [CLAS] for information on faculty and for the retroactive credit policy for Latin language.

### **Retroactive Credit Policy**

Students may be awarded up to (2) lower-level courses, equivalent to a maximum of (8) retroactive credits, by earning a grade of "B" or better in specific language, math or computer science classes that are above the introductory level (ex: 101).

A language certificate in Latin is also available. See the **Classical, Medieval, and Renaissance Studies [CLAS]** section of the catalog for more information.

## **LEADERSHIP STUDIES [LEAD]**

[www.snc.edu/leadershipstudies](http://www.snc.edu/leadershipstudies)

The mission of the leadership studies minor is to develop effective, ethical, socially responsible leaders who serve their organizations and communities.

The vision of the leadership minor is to be a multidisciplinary program recognized for developing leaders who effectively and ethically serve their organizations and communities.

## **LEADERSHIP STUDIES FACULTY AND STAFF**

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**Lucy Arendt**, professor of business administration – management

**John-Gabriel Licht**, coordinator of leadership studies, associate professor of business administration – management

**Jamie O'Brien**, professor of business administration – management

**Joy Pahl**, professor of business administration – management

**Matthew Stollak**, coordinator of business administration, associate professor of business administration – human resource management

## **COURSE REQUIREMENTS**

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### **Leadership Studies Minor** - (24 credits)

BUAD 230 Ethical Leadership  
or LEAD 200 Introduction to Leadership Studies  
LEAD 400 Leadership Studies Capstone

*Students will take at least 16 credits from the areas below, with at least one course in each of the three following areas.*

### **Interpersonal and Small Group Dynamics**

Courses in this area emphasize the influence leaders have on individual group members and group dynamics.

Courses available:

BUAD 337 Organizational Behavior  
BUAD 387 Decision Making in Disasters  
COME 122 Interpersonal Communication  
COME 222 Small Group Communication  
COME 324 Persuasion  
MILS 201 Basic Leadership and Management I  
MUSI 381 Introduction to Conducting

### **Organizational and Societal Landscapes**

Courses in this area explore the relationships between leaders and followers within the context of social entities or organizations. Courses available:

BUAD 215 Entrepreneurship  
BUAD 388 International Management  
COME 320 Crisis Communication  
COME 326 Organizational Communication  
MILS 101 Leadership and Military Science I  
THRS 350 Christianity and Religious Diversity  
THEA 232 Basic Acting  
SOC 238 Human Behavior in Social Environments

### **Leadership in Action**

Courses in this area study leadership within applied contexts, such as a discipline, political system, culture, geographic region, historical period, industry, or demographic group. Courses available:

ART 329 Art in a Democratic Society  
ART 336 Art and Creative Democracy  
BUAD 340 Global Seminar in Business  
BUAD 386 Leading Through Adversity  
BUAD 400 Case Studies: Leaders in Film  
COME 322 Business and Professional Speaking  
ENGL 289 Writing for the World  
ENGL 329 Literature of Service  
LEAD 210 Leadership in the Arts

## **MATHEMATICS [MATH]**

[www.snc.edu/math](http://www.snc.edu/math)

The mathematics discipline strives to help St. Norbert College achieve its mission of providing students with a superior education and encouraging all students to develop their full potential in understanding and serving their world. The mathematics program is designed to be personally and intellectually challenging and has three objectives: 1) to introduce students to the methodology and applications of mathematics, 2) to provide students in all disciplines with the mathematical competency required in their studies and 3) to train professional mathematicians for graduate school, teaching or other careers.

The faculty members of the mathematics discipline strive to maintain the Norbertine ideal of *communio*, characterized by trust, mutual esteem, shared responsibilities, and a common area of intellectual inquiry; and to demonstrate this model of community to the students they teach and counsel.

Mathematics is housed in the natural science division of St. Norbert College and is associated with the various disciplines in the division: several courses in mathematics are requirements or recommended electives for the various science majors. In addition, some mathematics courses foster the development of students with majors outside the natural science division, most notably within education, business administration, accounting, data analytics, and economics.

Finally, the mathematics discipline contributes to the broader liberal arts tradition of the College with its analytical, logical, and quantitative approaches to learning; with its contributions to the general education of almost every St. Norbert student through the core curriculum; and with its efforts to address the needs of intellectual communities beyond the College.

### **Outcomes of the Major Program**

Upon completion of the major, students can...

1. Solve problems in calculus, set theory, logic, linear algebra and mathematical proof.
2. Solve problems in advanced mathematical areas.
3. Use mathematical models and algorithms to solve problems.
4. Use the language, symbology, and form of mathematical proof to communicate mathematics clearly.
5. Use technology to solve mathematical problems numerically, symbolically, and graphically.

## **MATHEMATICS FACULTY**

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**Lindsey Bosko-Dunbar**, associate professor of mathematics

**Jonathan Dunbar**, associate professor of mathematics

**Jacob Laubacher**, associate professor of mathematics, discipline coordinator

**Terry Jo Leiterman**, associate professor of mathematics

**Seth Meyer**, professor of mathematics, graduate school advisor

## **COURSE REQUIREMENTS**

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**Mathematics Major** - (42 credits and senior seminar)

**Degree Awarded if Primary Major: Bachelor of Arts**

CSCI 110 Introduction to Computer Programming

MATH 132 Calculus and Analytic Geometry 2

MATH 203 Linear Algebra

MATH 233 Calculus and Analytic Geometry 3

MATH 250 Advanced Foundations of Mathematics

1 OF MATH 303, MATH 306, MATH 321, MATH 350, MATH 373, MATH 376  
1 OF MATH 310, MATH 313, MATH 315, MATH 318, MATH 319 , DATA 301  
3 OF MATH 221 **or** MATH 300+ **or** CSCI 323  
MATH 497 Senior Seminar (2 cr)

**Concentrations (optional)**

If selected, a concentration replaces the

1 OF MATH 303, MATH 306, MATH 321, MATH 350, MATH 373, MATH 376,  
1 OF MATH 310, MATH 313, MATH 315, MATH 318, MATH 319, DATA 301, and  
3 OF MATH 221 **or** MATH 300+ **or** CSCI 323

requirements from the Mathematics Major with the listed coursework.

**Theoretical Math Concentration (50 credits total)**

MATH 303 Advanced Linear Algebra

MATH 306 Abstract Algebra

MATH 373 Real Analysis

MATH 376 Complex Analysis

1 OF MATH 310, MATH 313, MATH 315, MATH 318, MATH 319, DATA 301

2 OF MATH 221 **or** MATH 300+ **or** CSCI 323

**Applied Math Concentration (50 credits total)**

MATH 310 Differential Equations

MATH 313 Mathematical Modeling

MATH 315 Numerical Analysis

MATH 318 Methods of Applied Mathematics

MATH 303 Advanced Linear Algebra **or** MATH 376 Complex Analysis

2 OF MATH 221 **or** MATH 300+ **or** CSCI 323 **or** other approved cross-discipline courses

**Actuarial Math Concentration (58 credits total)**

MATH 221 Introduction to Statistics with R

MATH 319 Financial Mathematics

MATH 321 Probability and Statistics

2 OF MATH 300+ **or** CSCI 323

ECON 102 Principles of Microeconomics

ACCT 205 Financial Accounting

ECON 325 Econometrics

BUAD 350 Corporate Finance

**Mathematics Teaching Major** - (42 credits and senior seminar)

(For secondary teaching)

CSCI 110 Introduction to Computer Programming

MATH 132 Calculus and Analytic Geometry 2

MATH 203 Linear Algebra

MATH 212 Principles of Algebra and Data

MATH 221 Introduction to Statistics with R  
**or** MATH 321 Probability and Statistics

MATH 233 Calculus and Analytic Geometry 3

MATH 250 Advanced Foundations of Mathematics

MATH 306 Abstract Algebra

MATH 350 Modern Geometry

MATH 497 Senior Seminar (2 cr)

MATH 300+ **or** CSCI 323

Note: Candidates interested in earning teacher licensure in Mathematics must also complete the 4-12 major. See **Education [EDUC]** section for additional certification requirements.

### **Mathematics Minor** - (24 credits)

MATH 132 Calculus and Analytic Geometry 2

MATH 203 Linear Algebra

MATH 250 Advanced Foundations of Mathematics

One MATH elective numbered 200 or above, but **not** MATH 212 **nor** MATH 220 **nor** MATH 497

Two MATH electives numbered 300 or above, but **not** MATH 497

### **Retroactive Credit Policy**

Students may be awarded up to (2) lower-level courses, equivalent to a maximum of (8) retroactive credits, by earning a grade of “B” or better in specific language, math or computer science classes that are above the introductory level (ex: 101).

### *Residency requirements:*

Students majoring in Mathematics (including the teaching major) must take MATH 497 and earn credit in at least three mathematics courses at St. Norbert College numbered 300 or above.

## **MILITARY SCIENCE [MILS]**

[www.snc.edu/militaryscience](http://www.snc.edu/militaryscience)

The Military Science program of instruction is a core-type curriculum consisting of military skills and professional knowledge subjects. The ultimate purpose of the program is to provide college-trained officers for the Regular Army, U.S. Army Reserve, and the Army National Guard. The program supports College goals by emphasizing interpersonal depth and the development of personal qualities necessary for leadership such as duty, integrity, courage, loyalty, respect, selfless services and honor. The course of study is conducted under the auspices of the Reserve Officer Training Corps (ROTC). The four-year program is divided into two parts: the Basic Course and the Advanced Course.

### **COURSES AND PROGRAMS**

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#### **Basic Course (Pre-Professional)**

The Basic Course is offered only in the freshman and sophomore years. However, any student may register for any of the lower division Military Science courses. No military commitment is required and students may withdraw at any time before the end of the second year. Additionally, no cost is incurred for course registration. The necessary textbooks and materials are furnished without cost to the student. The courses introduce students to select military skills and professional knowledge subjects. Students attend class and lab for two hours every week and may participate in a wide variety of extracurricular activities ranging from social events to rigorous (confidence building) physical activities.

#### **Advanced Course (Professional)**

Satisfactory performance in the Basic Course, demonstrated leadership potential and recommendations from program instructors make an individual eligible to enter the professional program. The emphasis is on applied leadership skills expected of all officers. Instruction includes the introduction of military skills that must be developed prior to attending a Basic Officer Leadership Course (BOLC). They are fundamental to the military profession and serve as the basis for all future branch-directed specialty training. Instruction in professional knowledge subjects is also provided. They describe in foundational terms what the U.S. Army does and how it goes about doing it.

Cadets in the Advanced Course receive uniforms, necessary Military Science textbooks, salary during an Advanced Camp and an allowance up to \$4,000 each year.

A 32-day Advanced Camp is held during the summer between the junior and senior years. This course permits students to put into practice the leadership principles and theories they have acquired in the classroom. They are also exposed to more military skills. Successful completion of the course is required prior to commissioning.

#### **Professional Development and Extracurricular Activities**

An essential portion of the Military Science program is encouraging cadets to participate in extracurricular activities that personally and professionally develop the individual. These activities range from volunteer work, charity participation, the traditional Military Ball and the formal Military Dining-In to intramural sports, color guards, leader's reaction courses and backpacking exercises. Cadets routinely participate in the Cadet Professional Development Training Program (CPDT). The CPDT supplements campus training with practical leader-development experiences. The CPDT program is comprised of Practical Field Training and Cadet Advanced Individual Training. Practical Field Training includes Basic Airborne, Air Assault, Jungle Warfare Orientation, Northern Warfare Orientation and Master Fitness Trainer. Students successfully completing the 32-day Advanced Camp are eligible to participate in Cadet Troop Leader Training (CTLT). The CTLT program sends cadets to train as junior leaders with active Army units in the continental U.S., Europe, Korea, Alaska or Hawaii. The CTLT program places cadets in charge of up to 40 soldiers and requires them to perform as leaders. This extremely popular option provides an exciting and rewarding leadership development and learning experience.

### **Two-year Program**

The Military Science program also offers a course of study designed specifically for students who are unable to take ROTC during their first two years of college. Such applicants must successfully complete a five-week Basic Camp prior to attending advanced camps. This summer training takes the place of the Basic Course of the four-year program and qualifies students to enter the professional course. Qualified veterans with prior military service are eligible to enroll in the Advanced Course without participating in the Basic Course once they have obtained junior status.

### **Simultaneous Membership Program**

Under the Simultaneous Membership Program, a person may enlist in the Army National Guard or Army Reserve, attend Basic Training during the summer and be qualified to enroll in the Advanced Course the first semester of their junior year. Upon successful completion of the Advanced Course and baccalaureate degree, the cadet would receive a commission as second lieutenant with the Regular Army, Army National Guard or Army Reserve.

### **ROTC Scholarship Program**

Army ROTC offers two- and three-year scholarships that are awarded competitively to students who are already enrolled in college. Students who attend the Basic Camp under the two-year program may also apply for two-year scholarships prior to camp. These scholarships pay for tuition, lab fees and other educational expenses, plus provide a textbook allowance each semester and an allowance of up to \$4,000 each year the scholarship is in effect. St. Norbert College waives room and board fees to scholarship cadets. Students interested in any aspect of the program are encouraged to consult with Military Science faculty members.

### **Distinguished Military Student Program**

Each year a few senior ROTC students are selected as Distinguished Military Students. A Distinguished Military Student will be considered for appointment as a Distinguished Military Graduate upon graduation provided all requirements prescribed by Army regulation have been fulfilled.

## **COURSE REQUIREMENTS**

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### **Military Science Minor – 24 credits**

MILS 201	Basic Leadership & Management 1
MILS 202	Basic Leadership & Management 2
MILS 301	Advanced Leadership & Management 1
MILS 302	Advanced Leadership & Management 2
MILS 401	Applied Leadership & Management 1
MILS 402	Applied Leadership & Management 2

## **MODERN LANGUAGES AND LITERATURES [MLLS]**

[www.snc.edu/ml](http://www.snc.edu/ml)

The modern languages and literatures discipline offers courses in modern languages, cultures, literature, and linguistics, which may lead to both majors and minors in French and Spanish. The objectives of language studies are to enable students to communicate effectively in the language of study and to understand and appreciate the cultures and values of the countries in which the language is spoken. The discipline also offers literature and culture courses

in English for the core curriculum program.

Studies in this discipline help students increase their awareness of their own values and beliefs as well as those of another culture; aid in preparing teachers for language teaching careers; provide language skills and cultural awareness to students specializing in other academic areas; enable students to meet the language requirements of graduate programs in the study of languages, comparative literature, and linguistics; and prepare students for various careers in an increasingly global society.

All language courses in this program are taught in the target language and students are expected to use the target language in class. In addition, advanced courses require formal oral presentations and papers in the target language. Each presentation and paper is assessed, with feedback provided to students.

### **Course Placement**

For information on course placement in French and Spanish, please see that section of this catalog (i.e., Core Curriculum and Second Language Competency).

### **Retroactive Credit Policy**

Students may be awarded up to (2) lower-level courses, equivalent to a maximum of (8) retroactive credits, by earning a grade of “B” or better in specific language, math or computer science classes that are above the introductory level (ex: 101).

See individual language sections for more information.

## **MUSIC AND MUSIC EDUCATION [MUSI]**

[www.snc.edu/music](http://www.snc.edu/music)

The St. Norbert College Music Department’s mission is to prepare students for careers in teaching, performance and related music professions. At St. Norbert College, all students have the opportunity to enrich their musical understanding and sensitivity through courses in music appreciation, theory, history, and music performance. Music is not merely a skill to be mastered but can be considered more deeply as an expression of the feelings, values, and aspirations found throughout human history. Our program embraces music of different eras, religious beliefs, and cultures with the purpose of developing understanding and a lifelong appreciation of the musical arts for students, audiences, and community members.

Departmental objectives include the development of musicianship (performance skills, creativity, theoretical understanding, listening skills, and connecting with historical/cultural relevance), exposure to diverse and significant repertoire, development of written and oral communication skills, and consideration of student spirituality through aesthetic experiences in music.

Special information and additional requirements for students majoring in music can be found in the *Music Student Handbook*, which is available in the Pennings Hall of Fine Arts.

### **MUSIC FACULTY**

**Christopher Cramer**, adjunct assistant professor of music – guitar

**Linda Feldmann**, adjunct instructor of music – voice

**Taylor Giorgio**, visiting instructor of strings and music education

**Andrea Gross Hixon**, adjunct assistant professor of music – oboe, woodwind methods

**John Hennecken**, associate professor of music – composition, music theory, music history

**Eric High**, professor of music – trombone, euphonium, tuba, jazz ensemble, dean of visual and performing arts

**Kortney James**, adjunct assistant professor of music – flute, woodwind methods

**Philip Klickman**, associate professor of music – band, horn, bell choir, music education, discipline director

**Justin Krueger**, adjunct assistant professor of music – piano

**Susan McCardell**, adjunct instructor of music – bassoon, woodwind methods

**Yi-Lan Niu**, professor of music – voice, opera, diction, pedagogy

**Sarah Parks**, associate professor of music – choir, music education, voice

**Kent Paulsen**, adjunct instructor of music – sight singing, director of Knights on Broadway

**James Robl**, adjunct instructor of music – percussion

**Jeffrey Verkuilen**, adjunct instructor of music – organ

**Jamie Waroff**, associate professor of music – trumpet, music education

**Nick Waroff**, adjunct instructor of music – clarinet, saxophone, woodwind methods

**Graduate school advisor:** any full-time music faculty member

## **COURSE REQUIREMENTS**

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**Music Performance Major – voice, keyboard, or instrumental emphasis**

**Degree Awarded if Primary Major: Bachelor of Music**

### **Foundation Coursework (46 credits)**

MUSI 170 Music Theory 1

MUSI 171 Music Theory 2

MUSI 270 Music Theory 3

MUSI 271 Music Theory 4 (2 cr)

MUSI 272 Music Theory & Performance

MUSI 371 Survey of Western Music 1

MUSI 372 Survey of Western Music 2

MUSI 381 Introduction to Conducting (2 cr)

MUSI 382 Advanced Choral Conducting (2 cr)

**or** MUSI 383 Advanced Instrumental Conducting (2 cr)

Four semesters of lower division applied lessons on primary instrument – MUSI 05xM (2 cr each)

**and** four semesters of upper division applied lessons on primary instrument – MUSI 06xM (2 cr each)

**or**

Four semesters of lower division applied lessons on primary instrument – MUSI 05xM (2 cr each)

**and** three semesters of upper division applied lessons on primary instrument – MUSI 06XM (2 cr each)

**and** MUSI 420 Merit Recital (4 cr)

### **Additional Coursework**

#### **Piano performance majors (6 credits)**

MUSI 019 Accompanying (1 semester)

MUSI 028 Piano Ensemble (1 semester)

MUSI 321 Piano Pedagogy 1

MUSI 329 Piano Literature

#### **Vocal performance majors (12-16 credits)**

Eight semesters of principal ensemble

Two semesters of MUSI 016 Opera Workshop

MUSI 246 Vocal Diction I

MUSI 345 Vocal Literature

MUSI 349 Vocal Pedagogy

Core language requirement (102 level or above) demonstrated in French or German

#### **Instrumental performance majors (12 credits)**

Eight semesters of principal ensemble

MUSIC 384 Orchestration

*One* of the following methods courses:

MUSI 362 Woodwinds

MUSI 363 Strings

MUSI 365 Brass

MUSI 366 Percussion

**Music Performance Major – composition emphasis**

**Degree Awarded if Primary Major: Bachelor of Music**

### **Foundation Coursework (38 credits)**

MUSI 170 Music Theory 1  
MUSI 171 Music Theory 2  
MUSI 270 Music Theory 3  
MUSI 271 Music Theory 4 (2 cr)  
MUSI 272 Music Theory & Performance  
MUSI 371 Survey of Western Music 1  
MUSI 372 Survey of Western Music 2  
MUSI 381 Introduction to Conducting (2 cr)  
MUSI 382 Advanced Choral Conducting (2 cr)  
    **or** MUSI 383 Advanced Instrumental Conducting (2 cr)  
Four semesters of applied lessons on a single secondary instrument.

Four semesters of lower division applied composition (MUSI 057M)  
**and** two semesters of upper division applied composition (MUSI 067M)

### **Additional Coursework (4 credits)**

#### **Composition majors studying piano**

MUSI 321 Piano Pedagogy 1  
MUSI 329 Piano Literature

#### **Composition majors studying voice**

MUSI 246 Vocal Diction I  
MUSI 349 Vocal Pedagogy

#### **Composition majors studying other instruments (2 credits)**

One methods course (below) excluding that which includes their secondary instrument.

- MUSI 362 Woodwinds
- MUSI 363 Strings
- MUSI 365 Brass
- MUSI 366 Percussion

### **Music Education Major**

#### **Degree Awarded if Primary Major: Bachelor of Music**

### **Foundation Coursework (46 credits)**

MUSI 150 Survey of World Musics  
MUSI 170 Music Theory 1  
MUSI 171 Music Theory 2  
MUSI 270 Music Theory 3  
MUSI 271 Music Theory 4 (2 cr)  
MUSI 371 Survey of Western Music 1  
MUSI 372 Survey of Western Music 2  
MUSI 381 Introduction to Conducting (2 cr)  
Six principal ensembles on primary instrument

Four semesters of lower division applied lessons on primary instrument (MUSI 05xM)  
**and** two semesters of upper division applied lessons on primary instrument (MUSI 06xM)

### **Additional Coursework**

#### **Choral Music Education Emphasis (16 credits)**

MUSI 031 Improvisation Workshop (1 cr)  
MUSI 052N Piano Lessons (1 cr) – 1 semester  
MUSI 246 Vocal Diction I (2 cr)

- MUSI 349 Vocal Pedagogy (2 cr)  
 MUSI 362 Woodwind Methods (2 cr)  
**or** MUSI 366 Percussion Methods (2 cr)  
**or** 2 semesters of a primary instrumental ensemble (MUSI 012, 014, 025)  
**or** 1 semester of instrumental lessons (MUSI 05xN) **AND** 1 semester of a primary instrumental ensemble
- MUSI 382 Advanced Choral Conducting (2 cr)  
 MUSI 450 Pre-Student Teaching Seminar (2 cr)  
 EDUC 315 Choral Music Methods for Junior and Senior High School (2 cr)

**Instrumental Music Education Emphasis (17 cr)**

- MUSI 031 Improvisation Workshop (1 cr)  
 MUSI 051 Applied Voice (2 cr)  
**or** MUSI 102 Class Voice (2 cr)  
**or** Two principal choral ensembles
- MUSI 362 Woodwind Methods (2 cr)  
 MUSI 363 String Methods (2 cr)  
 MUSI 365 Brass Methods (2 cr)  
 MUSI 366 Percussion Methods (2 cr)  
 MUSI 383 Advanced Instrumental Conducting (2 cr)  
 MUSI 450 Pre-Student Teaching Seminar (2 cr)  
 EDUC 316 Instrumental Music in the Schools (2 cr)

Note: Candidates interested in earning K-12 Music licensure must also complete the K-12 Teaching Major. See **Education [EDUC]** section for the major as well as additional certification requirements.

**Music Liberal Arts Music Major**

**Degree Awarded if Primary Major: Bachelor of Music**

**Foundation Coursework (42 credits)**

- MUSI 170 Music Theory 1  
 MUSI 171 Music Theory 2  
 MUSI 270 Music Theory 3  
 MUSI 271 Music Theory 4 (2 cr)  
 MUSI 272 Music Theory & Performance  
 MUSI 371 Survey of Western Music 1  
 MUSI 372 Survey of Western Music 2  
 MUSI 381 Introduction to Conducting  
 Six principal ensemble courses on primary instrument (1 cr each)  
 Four semesters of lower division applied music on primary instrument (MUSI 05xM) (2 cr each)

**Additional Coursework (4 credits)**

*One of the following:*

- MUSI 150 Survey of World Musics  
 MUSI 176 Music Appreciation  
 MUSI 184 History of American Popular Music  
 MUSI 315 Introduction to Opera  
 MUSI 318 Evolution of Jazz  
 HUMA 100 Intro to Humanities thru the Fine Arts

**Pre-Music Therapy Concentration - (16 credits)**

**In addition to a Music Liberal Arts major:**

**Foundational Coursework:**

MUSI 494 Internship (1-4 cr)

*At least one course from the following psychology courses (all are recommended):*

PSYC 100 Introductory Psychological Science

PSYC 212 Adult Psychopathology

PSYC 220 Lifespan Human Development

**Additional Coursework – (8 credits)**

MUSI 033 World Music Ensemble

MUSI 100 Group Guitar

MUSI 102 Group Voice

MUSI 150 Survey World Musics

EDUC 317 General Music Methods

BIOL 105 Human Biology and Society

BIOL 120 Introduction to Cell and Molecular Biology

BIOL 216 Anatomy and Physiology I

BIOL 217 Anatomy and Physiology II

Additional discipline-approved elective

**Music Minor - (32 credits)**

**Foundation Coursework (24 credits)**

MUSI 170 Music Theory 1

MUSI 381 Introduction to Conducting

Six principal ensemble courses on primary instrument

Four semesters of applied music on primary instrument (MUSI 05xN) (1 cr each)

**Additional Coursework (8 credits)**

*Two of the following:*

MUSI 150 Survey of World Musics

MUSI 176 Music Appreciation

MUSI 184 History of American Pop Music

MUSI 315 Introduction to Opera

MUSI 318 Evolution of Jazz

HUMA 100 Intro to Humanities thru the Fine Arts

**Music Minor for Liturgists (28 credits)**

MUSI 170 Music Theory 1

MUSI 171 Music Theory 2

MUSI 381 Introduction to Conducting

Applied lessons (14 credits), including the following:

MUSI 051M Voice (minimum 4 credits)

MUSI 052M Piano (minimum 4 credits)

MUSI 055M Organ (minimum 4 credits)

Four principal choral ensemble courses

## NATURAL SCIENCES DIVISION [NSCI]

[www.snc.edu/naturalsciences](http://www.snc.edu/naturalsciences)

Within the context of a liberal arts college, the curricula in the various disciplines of the natural sciences division are designed to allow students to achieve confidence as self-educating persons. Through interaction with faculty and peers, students are able to identify and pursue their own personal goals.

The Natural Sciences Division includes the disciplines of biology, chemistry, environmental science, geology, mathematics, computer science and physics, with major program in each of these areas – as well as a natural science major. In addition, programs are offered in pre-professional areas such as pre-medical, pre-dental, pre-veterinary, pre-pharmacy and other health-related fields. The division also offers divisional (NSCI) courses primarily for students not majoring in the sciences.

### **Natural Sciences Divisional Major – 60 credits**

#### **Degree Awarded if Primary Major: Bachelor of Science**

The objective of the major in natural sciences is to allow pre-professional students to make their selection of courses based on the requirements of the professional school. A major in natural sciences (divisional major) consists of 60 credits taken in the division of natural sciences that meet the educational objectives of the student.

1. 32 of these credits must be at the 200-level or above (courses serving the core curriculum may not be used to satisfy this specific requirement)
2. 20 of the required 60 credits must be in one discipline
3. A natural sciences divisional major may elect a minor in mathematics or computer science, provided the courses used to satisfy the minor do not also count toward the divisional major. A minimum of 20 credits must be taken in addition to those used to satisfy the requirements of the first major
4. A natural sciences divisional major may not pursue any other major or minor (other than those described above) within the natural sciences division

The program of study is subject to the approval of the student's academic advisor and the dean of natural sciences.

## PEACE AND JUSTICE STUDIES [PEAC]

[www.snc.edu/peaceandjustice](http://www.snc.edu/peaceandjustice)

Peace and Justice Studies is an interdisciplinary field that includes courses from a wide variety of academic areas. The introductory course, PEAC 200 Introduction to Peace and Justice Studies, creates a framework for the other courses in the minor and, as such, should ideally be taken no later than the student's second year and before other courses in the program are taken.

### **PEACE AND JUSTICE MINOR ADVISORY COMMITTEE**

**Bridget Burke Ravizza**, director of the Norman Miller Center and the Cassandra Voss Center

**Craig A. Ford, Jr.**, assistant professor of theology and religious studies, program co-director

**Victoria Tashjian**, professor of history

**Alexa Trumpy**, associate professor of sociology

### **COURSE REQUIREMENTS**

#### **Peace and Justice Minor - (24 credits)**

PEAC 200 Introduction to Peace and Justice

PEAC 400 Capstone in Peace and Justice

*Students must take four courses from the following list: (To preserve the interdisciplinary nature of the minor, no more than two courses may be taken from any one discipline, with the exception of PEAC courses)*

ART 285 Art in a Democratic Society  
ENVS 300 Environmental Science  
HIST 320 Genocide  
HIST 322 American Immigration & Ethnic History  
HIST 324 Poverty, Charity, Welfare in Amer History  
HIST/WMGS 335 Women and Work  
HIST 340 Roots of the Arab-Israeli Conflict  
HIST 344 Colonialism in Africa thru the Novel  
HIST 345 Slavery in World History  
HIST/WMGS 351 Women, Gender and Imperialism  
PEAC/PHIL 266 Human Rights and Responsibilities  
PEAC 389 Special Topics  
PEAC 490 Independent Study  
PEAC 494 Internship  
PHIL 282 Law, Morality, and Punishment  
PHIL 315 Ethics  
PHIL 316 Modern Political Thought  
PHIL/WMGS 344 Feminist Philosophy  
POLI 232 U.S. Political Polarization  
POLI 348 Environmental Politics  
POLI 349 Global Environmental Politics  
SOC 228 Corrections in American Society  
SOC 250 Immigration and Migration in the U.S.  
SOC 344 Social Movements  
SOC/WMGS 346 Intersections of Privilege  
SSCI 301 Environment and Society  
SSCI 408 Social Inequalities  
THRS 307 Black Theology  
THRS/WMGS 318 Feminist Theology  
THRS 328 Queer Theology  
THRS 331 Judaism and Christianity: The Holocaust  
THRS 333 Christian Ethics  
THRS 340 World Religions in Dialogue  
WMGS 360 Feminist Theory

Note: It is strongly encouraged that at least one course taken in the minor carry a community engagement designation (CENG).

Students wishing to fulfill a minor requirement with a course not listed here must have approval of the peace and justice minor program director.

## **PHILOSOPHY [PHIL]**

[www.snc.edu/philosophy](http://www.snc.edu/philosophy)

The aims of the philosophy program at St. Norbert College, and the nature of philosophy itself, place the work of our discipline near the center of our Catholic and Norbertine heritage and the tradition of liberal arts education. As philosophers at St. Norbert College, our mission is to promote the intellectual, spiritual and personal development of its students by teaching the philosophical tradition in a way that encourages the pursuit of wisdom for its own sake, promotes reflection on values, and emphasizes the skills of critical thinking. Our curriculum integrates faith and reason in such a way that persons of all faiths and beliefs are valued contributing partners and nurtures qualities of mind and character conducive to responsible citizenship and professional excellence, including confidence in one's learning, the courage to question, a sense of wonder and curiosity, and a deepening respect for others in the shared quest for wisdom and truth.

Philosophical practice at a Catholic institution is motivated not solely by curiosity or a predilection for conceptual and theoretical puzzles, but also by the desire to transform oneself and the world through wisdom.

## **PHILOSOPHY FACULTY**

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**Benjamin Chan**, assistant professor of philosophy

**Eric Hagedorn**, associate professor of philosophy, program and graduate school advisor, discipline coordinator

**John Holder**, professor of philosophy

**Joel Mann**, professor of philosophy

## **COURSE REQUIREMENTS**

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### **Philosophy Major** - (40 credits)

#### **Required Courses** (24 credits)

PHIL 120 Philosophical Foundations in the Study of Human Nature  
PHIL 207 Greek Philosophy  
PHIL 210 Logic  
PHIL 300 Modern Philosophy  
PHIL 315 Ethics  
PHIL 495 Thesis Research (2 credits) + PHIL 496 Thesis Writing (2 credits)

#### **Elective Courses** (16 credits – at least 8 credits at the 300 level or above)

*One free elective*

*One elective course in the History of Philosophy, e.g.,*

PHIL 213 Medieval Philosophy  
PHIL 265 Asian Philosophy and Religion  
PHIL 305 American Philosophy  
PHIL 322 Aquinas's Philosophy & Theology  
PHIL 334 Tragedy and Philosophy

*One elective course in Theoretical Philosophy, e.g.,*

PHIL 235 Self-Knowledge, Skepticism, and Self-Deception  
PHIL 302 Minds, Brains, and Computers  
PHIL 308 Philosophy of Religion  
PHIL 344 Feminist Philosophy  
PHIL 352 Labyrinths of Time

*One elective course in Normative Philosophy, e.g.,*

PHIL 200 Philosophy of Sex and Love  
PHIL/PEAC 266 Human Rights & Responsibilities  
PHIL 275 Bioethics  
PHIL 282 Law, Morality, and Punishment  
PHIL 316 Modern Political Thought

### **Philosophy Minor** - (24 credits – at least 8 credits must be at the 300 level or above)

PHIL 120 Philosophical Foundations in the Study of Human Nature  
PHIL 207 Greek Philosophy  
PHIL 300 Modern Philosophy  
Two free PHIL electives

*One elective course in Normative Philosophy, e.g.,*

PHIL 200 Philosophy of Sex and Love  
PHIL 208 Philosophy of Sport  
PHIL/PEAC 266 Human Rights & Responsibilities  
PHIL 275 Bioethics

PHIL 282 Law, Morality, and Punishment  
PHIL 316 Modern Political Thought

## **PHYSICAL EDUCATION [PHED]**

[www.snc.edu/physicaleducation](http://www.snc.edu/physicaleducation)

The physical education department is organized to provide all students the opportunity for instruction in sports, exercise and fitness and to provide all students with the opportunity to acquire skills in sports and fitness for recreation, intramural, and lifetime activities. PHED courses are graded Pass/Fail, and none may be taken on an independent study basis.

### **Lifetime Sports Activities**

A wide range of lifetime sports and fitness classes are offered for all students. Through lifetime sports and fitness, individuals will have a better understanding of the need for a planned activity program. The major objective of lifetime sports and fitness is to have students incorporate physical activity into their daily lifestyle.

### **PHYSICAL EDUCATION STAFF**

**A.J. Aitken**, lecturer in physical education, head coach women's ice hockey

**Donald Augustine**, lecturer in physical education, head coach of men's/women's cross country and track & field

**BJ Bryant**, lecturer in physical education, head coach men's and women's volleyball

**Tim Coghlin**, lecturer in physical education, head coach men's ice hockey

**Dennis Cooper**, lecturer in physical education, assistant football coach

**Charlie Drewek**, lecturer in physical education, assistant football coach

**Cam Fuller**, director of athletics and physical education

**Ryan Goggans**, lecturer in physical education, head swimming and diving coach

**Gary Grzesk**, lecturer in physical education, head coach men's basketball

**Amanda Leonhard-Perry**, lecturer in physical education, head women's basketball coach

**Dan McCarty**, lecturer in physical education, head football coach

## **PHYSICS [PHYS]**

[www.snc.edu/physics](http://www.snc.edu/physics)

The mission of the physics discipline is to provide a quality educational experience, which provides our students with a greater appreciation for the rigor of the scientific method and their place in the natural world while preparing them for future careers in industry and academia. This is achieved through offering a rigorous physics curriculum, making a significant contribution to the core curriculum, making a strong commitment to the training of future science educators, and providing meaningful professional development activities encompassing both undergraduate research and teaching.

The physics program is designed to 1) prepare students for careers in industry, engineering, and secondary education, 2) prepare students for graduate study in physics or a related field of science or engineering, 3) meet the needs of students in pre-professional studies as well as chemistry, geology and biology major programs and 4) provide an opportunity to secure general knowledge of physics and/or astronomy as well as the scientific method for students whose major program is outside of natural science.

Physics is the most fundamental of all the natural sciences and its applications extend to all other areas of human endeavor. Physics is the study of the natural world based on quantitative observations and experiments. Physics attempts to discover the fundamental rules by which observations of many different situations can be correlated within a common framework of physical laws. Physics gets to the root of all physical phenomena. Physical laws and theories have profound influence on how we view our universe and ourselves. The skills and ideas you develop as a physics major can be applied across all fields of science and technology, as well as in such diverse areas as business and law. If you can think physics, you can think anything!

The use of logical reasoning to make predictions about physical systems is very important in physics. Successful predictions concerning experiments not yet performed are the crucial test of our ideas about the nature of the

universe. Physicists view the framework of interrelated concepts as providing an aesthetic satisfaction comparable to that of art and music.

## PHYSICS FACULTY

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**Erik Brekke**, associate professor of physics

**Nicholas Mauro**, associate professor of physics

**Michael Olson**, assistant professor of physics, discipline coordinator

**Graduate school advisors:** any full-time faculty member in physics

## COURSE REQUIREMENTS

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**Physics Major** - (9 courses = 36 credits, plus a concentration)

**Degree Awarded if Primary Major: Bachelor of Science**

PHYS 121 General Physics 1  
PHYS 122 General Physics 2  
PHYS 211 Classical Mechanics  
PHYS 225 Electronics  
PHYS 241 Modern Physics  
PHYS 250 Advanced Laboratory  
PHYS 499 Senior Examination (0 cr)  
MATH 131 Calculus and Analytic Geometry 1 (or equivalent)  
MATH 132 Calculus and Analytic Geometry 2  
MATH 233 Calculus and Analytic Geometry 3

**General Physics Concentration** – (6 courses = 24 credits)

PHYS 311 Thermal Physics  
PHYS 321 Electricity and Magnetism  
PHYS 352 Optical and Atomic Physics  
PHYS 411 Quantum Mechanics\*  
CHEM 105 General Chemistry 1  
or CSCI 110 Introduction to Computer Programming  
MATH 310 Differential Equations

*Recommended courses:*

PHYS 492 Directed Research  
CHEM 107 General Chemistry 2  
MATH 203/303 Linear Algebra  
MATH 313 Mathematical Modeling  
MATH 315 Numerical Analysis  
MATH 321 Probability and Statistics

\*For secondary education certification in physics, PHYS 100 *or* PHYS 141 may be substituted for PHYS 411.

**Engineering Concentration** – (5 courses = 20 credits)

CSCI 110 Introduction to Computer Programming

*Four electives from the list below*

BIOL 244 Genetics  
BIOL 371 Cellular Physiology  
BIOL 372 Systemic Physiology  
BIOL 373 Molecular Biology  
CHEM 211 Analytical Chemistry  
CHEM 330 Physical Chemistry 1

CHEM 332 Physical Chemistry 2  
CSCI 205 Software Engineering and Elementary Data Structures  
CSCI 220 Advanced Data and File Structures  
ERTH 225 Hydrology  
ERTH 325 Structural Geology  
GEOL 300 Minerology  
GEOL 320 Petrology  
MATH 203/303 Linear Algebra  
MATH 310 Differential Equations  
MATH 313 Mathematical Modeling  
MATH 315 Numerical Analysis  
MATH 321 Probability and Statistics  
PHYS 311 Thermal Physics  
PHYS 321 Electricity and Magnetism  
PHYS 352 Optical and Atomic Physics  
PHYS 411 Quantum Mechanics

**Engineering Physics Major** - (60 credits)

ENGR 150 Engineering Design – Robotics  
ENGR 152 Engineering Design – Sensors and Systems  
ENGR 211 Engineering Mechanics  
ENGR 225 Circuit Analysis and Design  
ENGR 250 Automated Systems Design  
ENGR 311 Applied Thermodynamics  
ENGR 352 Applied Optics  
MATH 132 Calculus and Analytic Geometry 2  
MATH 203 Linear Algebra  
MATH 233 Calculus and Analytic Geometry 3  
PHYS 121 General Physics 1  
PHYS 122 General Physics 2  
PHYS 241 Modern Physics

*One of the following:*

MATH 489 Intro to Fluid Mechanics  
PHYS 321 Electricity and Magnetism

*One of the following:*

ENGR 411 Engineering Quantum Mechanics  
MATH 313 Mathematical Modeling

**Physics Academic Minor** – (24 credits)

PHYS 121 General Physics 1  
PHYS 122 General Physics 2  
PHYS 241 Modern Physics  
Any three physics electives at 200 level or above

**Robotics Minor** – (36 credits)

CSCI 110 Introduction to Computer Programming  
CSCI 205 Software Engineering and Elementary Data Structures  
CSCI 225 Machine Organization and Assembly Language  
ENGR 150 Engineering Design – Robotics  
ENGR 152 Engineering Design – Sensors and Systems  
MATH 132 Calculus and Analytic Geometry 2  
PHYS 121 General Physics 1

PHYS 225 Electronics  
PHYS 250 Advanced Laboratory

Note: See **Education [EDUC]** section for certification requirements.

## **POLITICAL SCIENCE [POLI]**

[www.snc.edu/politicalscience](http://www.snc.edu/politicalscience)

Political science is the social science that deals with the manner in which human beings organize and govern themselves. We are social beings and our lives are inextricably connected. All of us as individuals, as members of various groups, and as parts of larger organizations, communities and nations, must acknowledge and interact with one another. We all share a common humanity.

Political science is a valuable component of a liberal or general education because it enhances our understanding of human relations and behavior, of how we make decisions, and of the factors that influence them. Power, justice, law, social order and the creation of effective and equitable human relationships are the essential concerns of politics. Politics affect virtually all aspects of our cultural, economic, religious and social lives, and almost all public decisions are made through collective political activity. Politics is an inescapable attribute of human relations and behavior and it is a moral imperative that we do our best to build social, economic and political systems that protect individual human rights and beliefs, that promote social justice, and that permit fuller realization of our human potential. By making us aware of these factors, problems and possibilities, the study of political science encourages our intellectual, personal and moral development.

The political science program offers students both the opportunity to gain a liberal arts education and prepare for a future career. As a liberal art, political science at St. Norbert College attempts to broaden and enlighten the minds of our students regarding political issues, processes and behavior, hence serving to free their intellect from ethnocentrism and provide them with the skills and analytical tools to understand the political world around them. Although emphasizing the study of Political Science as a liberal art, the political science program does not overlook its importance in the preparation for a variety of careers. A major in political science prepares students for graduate study and research; for professional careers in business, law, government or public administration; for active participation in local, state, national and international politics; and for living effective lives as members of a democratic society in a diverse and complex world.

### **POLITICAL SCIENCE FACULTY**

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**Charley Jacobs**, professor of political science  
**Wendy Scattergood**, assistant professor of political science, discipline coordinator  
**Gratzia Villarroel**, associate professor of political science

### **COURSE REQUIREMENTS**

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**Political Science Major** - (40 credits)

**Degree Awarded if Primary Major: Bachelor of Arts**

All majors are required to complete four required courses and a zero-credit senior assessment requirement.

#### **Required Courses**

POLI 131 American Politics Transformed  
or POLI 130 United States Politics and Government transfer credit  
or AP American Government  
POLI 132 Public Policy  
POLI 200 Research Methodology and Techniques  
POLI 499 Senior Assessment (0 cr)  
SSCI 224 Basic Statistics

Students are advised to take POLI 131 American Politics Transformed **and** POLI 132 Public Policy in their first year. POLI 200 Research Methods **and** SSCI 224 Basic Statistics should be taken in the sophomore year.

In addition, all majors must complete 28 credits at or above the 200 level. Students **MUST** complete at least one course in each field area (Public Policy, Public Law, and American Politics). Beyond that, students may elect to focus on a particular area of political science (Public Policy, Public Law, or American Politics) or take a variety of courses across the field and elective offerings, including internships for credit, independent studies, or directed research with approval of one of the political science faculty. Students are also encouraged to study abroad or in Washington, D.C. On a case-by-case basis courses outside of the College's offerings may count toward one of the fields or as electives. Please visit the Center for Global Engagement website for more information on all these off-campus programs. Below are the courses available in each of the field areas.

**Public Policy Field:**

- POLI 231 State and Local Politics
- POLI 238 Introduction to Public Administration
- POLI 346 Policy Advocacy
- POLI 348 U.S. Environmental Politics

**Public Law Field:**

- POLI 237 Courts and Justice in the U.S.
- POLI 248 Trial Advocacy\*
- POLI 249 Mock Trial\*
- POLI 341 Constitutional Law: Institutional Powers
- POLI 342 Constitutional Law: Rights and Liberties
- POLI 343 Administrative Law & Politics

**American Politics Field:**

- POLI 232 American Political Polarization
- POLI 310 Fascism and Socialism
- POLI 317 American Political Thought
- POLI 332 Parties and Elections
- POLI 345 Congress and the Presidency

**Other Electives (outside of the Fields):**

- COME 329 Political Communications
- POLI 333 American Conspiracy Theories
- POLI 349 Global Environmental Politics
- POLI 410 Global Political Extremism
- POLI 411 American Political Extremism

\*Trial Advocacy and Mock Trial may be repeated for credit toward general course credits, but may not be repeated for credit toward the major or minor. Combining the 2 credits each from POLI 248 and POLI 249 will count as one of the seven courses necessary for the major and count toward the Public Law Field or toward elective credit.

**Political Science Minor - (28 credits)**

- POLI 130 US Politics and Government  
**or** POLI 131 American Politics Transformed  
**or** AP American Politics
- POLI 132 Public Policy

Five additional POLI courses at or above the 200-level across a minimum of two fields.

Note: See **Teacher Education [EDUC]** section for licensure requirements.

## **PRE-PROFESSIONAL PROGRAMS**

Students may choose to be considered pre-professional students, that is, they may pursue a course of study that fulfills the requirements of a professional school such as medical, dental, veterinary, pharmacy, engineering or law. Students may at any time declare their intent to complete a major program, in which case they are subject to the requirements of that program. Most pre-professional students interested in health-related programs who complete a degree program at St. Norbert College do so in biology, chemistry or natural science.

### **PRE-DENTAL PROGRAM**

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The admission requirements for dental schools are somewhat variable, so the student's program should be developed in consultation with a pre-dental advisor. Although most dental schools specify three years of undergraduate work as a minimum requirement, they generally give preference to students with four years of preparation, so it is advisable to pursue a disciplinary major program such as biology, chemistry or natural science.

Admission requirements common to dental schools specify at least three years of college work, including two semesters each of biology, inorganic chemistry, organic chemistry, physics and recommended electives in science and non-science areas.

Adequate performance on the national Dental Aptitude Test, usually taken after the second or third year of undergraduate study, is also a requirement.

### **PRE-ENGINEERING PROGRAM**

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What is engineering? Engineering involves the arrangement and modification of natural materials to produce devices and processes in order to accomplish human goals expeditiously, economically and safely. Engineering education is divided into such fields as aeronautical, agricultural, biomedical, chemical, civil, electrical, industrial, mechanical and nuclear.

Most students who enter engineering simply transfer to an engineering school after one to three years at St. Norbert. Good grades, especially in science and mathematics, are required for transfer to an engineering school. Since the degree these students earn comes from the engineering school, they must consider the requirements of the engineering program they plan to enter when selecting courses at St. Norbert College.

Some students spend four years at St. Norbert College and major in physics, mathematics or chemistry and then pursue graduate study in an engineering school. If undergraduate science and math classes are carefully chosen, it is possible to complete a master's degree in engineering in two years.

One major advantage of attending a small college is the possibility of close association with faculty and fellow students. Students who choose to study pre-engineering at St. Norbert College believe that the opportunity for personal attention in their basic science and math courses and the breadth of experience available at a liberal arts college are important in giving them a start toward a satisfying career in engineering.

#### **Courses in a Pre-engineering program**

The basic science and mathematics courses for most engineering curricula are two semesters of general physics, two semesters of general chemistry, three semesters of calculus, one semester of differential equations and one semester of computer science where a high-level programming language is learned. These are all courses that can be taken at St. Norbert College, and students interested in engineering should take as many of them as possible.

The choice of other science courses at St. Norbert College will depend somewhat on the particular area of engineering in which the student is interested. Curricula for the various engineering fields have much in common during the first two years of study but there are some differences in these years and they diverge greatly in the final two years. These curricula tend to have many specified courses. It is important for a student to try to select an engineering field and to make contact early with the engineering college to which transfer is planned.

Students who intend to transfer after one or two years at St. Norbert College should take the basic physics, chemistry and calculus courses and as much as possible select core curriculum courses that match requirements of the engineering program to which they intend to transfer. A number of students who enter St. Norbert with the intention

of transferring to an engineering school decide to stay here for all four years.

Students in pre-engineering are strongly advised to plan their courses in such a way that, should they retain their interest in science but decide not to transfer, they can complete a physics, mathematics or chemistry major at St. Norbert College, including the core curriculum requirements, within the normal four years.

## **PRE-LAW PROGRAM**

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Law schools require a bachelor's degree from an accredited college or university for admission. However, no specific fields of major study or particular courses are prescribed. As a result, students at St. Norbert College are encouraged to pursue a degree in any area of study.

Law relates to many aspects of human activity and law schools look for diversity in undergraduate courses that may present a desirable pre-law background. Students should seek to develop a high degree of competence in reading and writing and the skills of critical analysis and logical reasoning. Thus, courses in literature, composition, communications, mathematics and logic offer obvious and useful preparation. In addition, applicants to law school should have a sound grounding in the economic, social and political institutions of the United States.

### **Pre-Law Certificate Program**

Law schools do not require nor even suggest the pursuit of a narrow or specialized degree in law to gain admission. Instead, law schools seek students who have mastered particular skills related to the practice of law, including the ability to read critically, think logically, and write clearly and persuasively. At St. Norbert College, students may choose to complete the pre-law certificate program that provides students the opportunity to hone those particular skills in a manner necessary for admission to, and success in, law school, while earning recognition for the effort on their academic transcript.

### **Pre-Law Certificate Mission Statement:**

The mission of the Pre-Law Certificate program is to provide intensive advisement to students regarding course work, internships, off-campus study opportunities, and law school application preparation in order that students may discern if the law is an appropriate vocational pursuit. The expectation is that students will develop the ability to read critically, think logically, and write clearly and persuasively. This process will insure that students are equipped to succeed with the completion of the Law School Admission Test (LSAT) and the process of application to law school.

### **Pre-Law Curriculum**

The program requires students seeking a pre-law certificate to complete sixteen credits divided among four areas and a zero-credit assessment course to be completed during the final semester of a candidate's program of study.

Area 1 introduces students to theories and concepts related to the law and legal interpretation. Area 2 helps to develop critical skills related to logical and critical thinking that are particularly applicable to the practice of the law. Areas 3 and 4 provide students the opportunity to explore the many-faceted field of the law through both empirical and normative approaches to their studies. The intention is to encourage students from a variety of majors to think seriously about their interest in the practice of law and to guide them in selecting particularly applicable electives over and above their major. A GPA of 3.0 or better is required to be awarded the pre-law certificate.

Please note that students may not apply any more than two courses listed below to satisfy requirements for their major (the practice of "double-dipping").

### **Area 1 – The Law**

*(one of the following)*

- BUAD 390 Business Law
- PHIL 282 Law, Morality and Punishment
- POLI 341 Constitutional Law: Institutional Powers
- POLI 342 Constitutional Law: Civil Rights/Liberties
- POLI 343 Administrative Law

## **Area 2 – Logic and Critical Thinking**

*(one of the following)*

CSCI 150 Applications of Discrete Structures  
MATH 250 Advanced Foundation of Mathematics  
PHIL 210 Logic  
SSCI 224 Basic Statistics

## **Area 3 – Empirical Perspectives on the Law**

*(one of the following)*

ECON 102 Principles of Microeconomics  
PSYC 212 Adult Psychopathology  
SOC 122 Criminology  
SOC 228 Corrections in American Society

## **Area 4 – Normative Perspectives on the Law**

*(one of the following)*

PEAC/PHIL 266 Human Rights and Responsibilities  
PHIL 275 Bioethics  
PHIL 315 Ethics  
PHIL 316 Modern Political Thought  
POLI 317 American Political Thought  
THRS 333 Christian Ethics: Theology and Society

## **SENIOR ASSESSMENT (Required of all candidates)**

PLAW 499 Senior Assessment

Substitutions will be permitted in limited circumstances and only with the permission of the pre-law advisory board.

Students applying for law school should take the Law School Admission Test (LSAT) no later than December of their senior year to enable matriculation into law school the following fall. Information regarding the LSAT and the law school admission process is available from the pre-law advisor.

**Pre-Law advisor:** Dr. Meghan Walsh (assistance also available from Dr. Ben Chan and Dr. Joel Mann)

## **PRE-MEDICAL PROGRAM**

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There are more than 100 medical schools in the U.S. and their admissions requirements vary slightly. Most will not consider applicants unless they are an undergraduate degree candidate, so it is advisable to participate in a disciplinary major program such as Biology, Chemistry or Natural Sciences.

Admission requirements common to medical schools are at least three years of undergraduate study, including two semesters each of biology, inorganic chemistry, organic chemistry and physics with recommended electives in quantitative analysis, mathematics and non-science areas. Currently, an “AB” average seems necessary for admission to a medical school.

Adequate performance in the national Medical College Admission Test (MCAT), usually taken during or just after the third year of undergraduate study, is also a requirement.

Other health-related careers can be entered with some undergraduate preparation at our College. These include such fields as optometry, veterinary medicine, chiropractic medicine, physical therapy, pharmacy and nursing. It is not possible to generalize concerning the requirements of all the professional schools involved but they require an emphasis in the basic sciences as well as liberal arts electives. Students can receive information and advice on careers in the health field and other fields with a science emphasis from the division of natural sciences. The dean of natural sciences should be consulted.

## PRE-VETERINARY PROGRAM

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The program is basically the same as the pre-medical program. Current information on schools of veterinary medicine and application procedures is available through advisors in the Natural Sciences.

## PSYCHOLOGY [PSYC]

[www.snc.edu/psychology](http://www.snc.edu/psychology)

Mission Statement: The Psychology Discipline at St. Norbert College is committed to increasing students'

- scientific knowledge of behavior and mental processes and the means by which that knowledge emerges and develops
- understanding of themselves and others
- ability and desire to apply this knowledge and understanding appropriately to create rewarding and fulfilling lives for themselves and to improve the condition of individuals, organizations and society.

We pursue this mission within the context of the College's commitment to provide an educational environment that fosters intellectual, spiritual and personal development

Program Description: Psychology is the science of behavior and mental processes. It shares with the natural sciences an orientation toward objective observation, experimentation and quantitative analysis. It shares with the humanities and fine arts an interest in the total human experience and concern for the dignity of each individual person.

The study of psychology makes an important contribution to a liberal arts education. It addresses questions that have long been central to our thinking about human experience. By expanding and enriching our understanding of how people think, feel and behave, the study of psychology stimulates our intellectual growth. Personal growth comes through the self-understanding that develops when we apply our expanded and enriched understanding of people in general to our own thoughts, feelings and actions. The study of psychology also fosters moral awareness and growth. Psychology challenges students to safeguard the welfare and rights of others; establish relationships of trust; promote accuracy, honesty and truthfulness; and respect the dignity and worth of each person.

The study of psychology prepares students for full lives as adults who think critically, respond compassionately and make valuable contributions to their communities. Employment and career opportunities for psychology majors are limited only by their motivation and creativity. With a baccalaureate degree, students can pursue careers in a range of fields such as human services, education, human resource management, market research, advertising and sales. With a master's degree, students can pursue careers in fields such as social work, counseling, school psychology or industrial-organizational psychology. With a doctoral degree, students can pursue careers as clinical psychologists, research scientists or college professors. Students can also pursue graduate education leading to careers in medicine and law.

The psychology discipline at St. Norbert College is committed to increasing students' scientific knowledge of behavior and mental processes and the means by which that knowledge emerges and develops; their understanding of themselves and others; and their ability and desire to apply this knowledge and understanding appropriately to create rewarding and fulfilling lives for themselves and to improve the condition of individuals, organizations and society. We pursue this mission within the context of the College's commitment to provide an educational environment that fosters intellectual, spiritual and personal development.

## PSYCHOLOGY FACULTY

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**John Dose**, professor of psychology

**Jennifer Fayard**, adjunct professor of psychology

**Danielle Geerling**, assistant professor of psychology

**Raquel Lopez**, associate professor of psychology

**Paul Ngo**, associate professor of psychology

**Michelle Schoenleber**, associate professor of psychology, discipline coordinator

## **COURSE REQUIREMENTS**

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### **Psychology Major** - (44 credits)

#### **Degree Awarded if Primary Major: Bachelor of Science**

- PSYC 100 Introduction to Psychological Science  
SSCI 224 Basic Statistics  
    **or** MATH 221 Introduction to Statistics with R  
    **or** BUAD 228 Advanced Statistics for Business & Economics  
PSYC 301 Basic Principles and Methods of Psychological Research  
PSYC 499 Senior Assessment (0 credits)

*One course from each of the following content areas:*

#### **Biological**

- PSYC 310 Psychopharmacology  
PSYC 370 Behavioral Neuroscience with Laboratory

#### **Clinical**

- PSYC 212 Adult Psychopathology  
PSYC 312 Personality Psychology  
PSYC 345 Psychological Interventions with Laboratory

#### **Developmental**

- PSYC 215 Human Sexuality  
PSYC 220 Lifespan Human Development  
PSYC 230 Adulthood and Aging  
PSYC 302 Adolescent Neuroscience  
PSYC 315 Childhood Adversity/Resilience with Service Learning

#### **Perception and Cognition**

- PSYC 331 Sensation and Perception with Laboratory  
PSYC 337 Memory and Cognition with Laboratory

#### **Social**

- PSYC 210 Social Psychology  
PSYC 240 Stereotypes, Prejudice & Discrimination  
PSYC 281 Environmental Psychology  
PSYC 305 Interpersonal & Intergroup Dynamics

#### **Psychology in Context**

- PSYC 400 Motivation  
PSYC 410 Cross-Cultural Psychology

#### **8 Psychology Elective Credits at the 200 level or above from:**

- PSYC 260 Forensic Psychology  
PSYC 395 Professional Issues (2 cr)\*  
PSYC 490 Independent Study (2 or 4 cr)\*  
PSYC 492 Directed Research (2 or 4 cr)\*  
PSYC 495 Internship & Professional Issues  
PSYC 289 Special Topics  
PSYC 389 Special Topics  
PSYC 489 Special Topics  
COME 352 Media Psychology

*\*A maximum of 4 credits from PSYC 395, PSYC 490, and PSYC 495 can be applied towards the psychology major.*

### **Laboratories and Experiential Learning**

Among the courses chosen to fulfill the psychology major, two must be from the following list. One of the two courses must include a laboratory.

- PSYC 315 Childhood Adversity and Resilience with Service Learning
- PSYC 331 Sensation and Perception with Laboratory
- PSYC 337 Memory and Cognition with Laboratory
- PSYC 345 Psychological Interventions with Laboratory
- PSYC 370 Behavioral Neuroscience with Laboratory
- PSYC 495 Internship and Professional Issues

### **Psychology Minor** - (24 credits)

- PSYC 100 Introduction to Psychological Science
- SSCI 224 Basic Statistics
  - or** MATH 221 Introduction to Statistics with R
  - or** BUAD 228 Advanced Statistics for Business & Economics
- PSYC 301 Basic Principles and Methods of Psychological Research

*One course from at least three of the content areas below:*

#### **Biological**

- PSYC 310 Psychopharmacology
- PSYC 370 Behavioral Neuroscience with Laboratory

#### **Clinical**

- PSYC 212 Adult Psychopathology
- PSYC 312 Personality Psychology
- PSYC 345 Psychological Interventions with Laboratory

#### **Developmental**

- PSYC 215 Human Sexuality
- PSYC 220 Lifespan Human Development
- PSYC 230 Adulthood and Aging
- PSYC 302 Adolescent Neuroscience
- PSYC 315 Childhood Adversity and Resilience with Service Learning

#### **Perception and Cognition**

- PSYC 331 Sensation and Perception with Laboratory
- PSYC 337 Memory and Cognition with Laboratory

#### **Social**

- PSYC 210 Social Psychology
- PSYC 240 Stereotypes, Prejudice, & Discrimination
- PSYC 281 Environmental Psychology
- PSYC 305 Interpersonal & Intergroup Dynamics

#### **Psychology in Context**

- PSYC 400 Motivation
- PSYC 410 Cross-Cultural Psychology

#### **Psychology Elective**

- PSYC 260 Forensic Psychology
- PSYC 289 Special Topics
- PSYC 389 Special Topics
- PSYC 489 Special Topics
- PSYC 495 Internship & Professional Issues

## DONALD J. SCHNEIDER SCHOOL OF BUSINESS AND ECONOMICS

[www.snc.edu/schneiderschool](http://www.snc.edu/schneiderschool)

Through the generous gift of Pat Schneider, wife of the late Donald J. Schneider (SNC '57), a school of business and economics was established at St. Norbert College in 2014. The Donald J. Schneider School of Business & Economics, through its undergraduate and graduate academic programs and its interaction with the regional business community, is northeastern Wisconsin's center for the advancement of sound business practice. It champions principles and methods that contribute to a thriving northeast Wisconsin, rich in economic opportunity for all.

The Donald J. Schneider School of Business and Economics houses St. Norbert College's undergraduate accounting, business administration, data analytics, digital marketing, economics, finance, healthcare administration, leadership studies, management, marketing, project management, sports management, and supply management programs, as well as masters of business administration program and a portfolio of business outreach activities.

### About Donald J. Schneider

Don Schneider was an extraordinary figure in northeast Wisconsin business, a respected and transformative presence both regionally and nationally. He graduated from St. Norbert College with a degree in business in 1957, then joined his father's modest transportation company in 1961. He was eventually to become president, CEO and chairman of Schneider National, the now-global transportation, intermodal and logistics provider headquartered in Ashwaubenon, WI. Under Mr. Schneider's leadership, the company grew into a trucking and logistics giant, in large part due to his deep commitment to the company's core values, his unflagging belief in his associates, and his lifelong embrace of innovation.

Mr. Schneider was a trustee of St. Norbert College, and long served as an adjunct instructor of finance and business administration. He received the College's Distinguished Achievement Award in Business in 1979 and its Alma Mater Award in 1991. St. Norbert College honored him with an honorary Doctor of Laws degree in 1999. Mr. Schneider was also a member of the board of directors of the Green Bay Packers, Fort Howard Paper and Franklin Electric, served on the advisory board of the Kellogg School of Management, and was a Director of the Federal Reserve Board in Chicago. Through the Donald J. Schneider School of Business and Economics, St. Norbert College will strive to prepare others to carry on Mr. Schneider's remarkable legacy of integrity, excellence and service to the community.

## SCHNEIDER SCHOOL MISSION AND VISION

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**Vision:** St. Norbert College's Donald J. Schneider School of Business and Economics will be the intellectual hub for business in Northeastern Wisconsin.

**Mission:** The SSBE develops and empowers ethical business leaders through passionate teaching and mentoring, engaged service, and consequential scholarship. We offer challenging learning experiences in the Catholic, liberal arts tradition, and rooted in the Norbertine practices of *communio* and *localitas*.

- by **ethical** we mean we recognize challenges to our core values and develop shared frameworks for values-based decisions
- by **challenging** we mean we achieve educational excellence by engaging in rigorous and critical thinking and action
- by **communio** we mean we are called to live in relationships that strive for high standards including mutual esteem, trust, sincerity, faith, responsibility, dialogue, communication, consultation and collaboration
- by **localitas** we mean we are committed to serve the particular needs of the communities to which we belong

The following academic programs are offered by the Schneider School of Business and Economics:

<b>Program</b>	<b>Major</b>	<b>Minor</b>	<b>Masters</b>
Accounting	X		
Business Administration	X	X	
Data Analytics	X	X	
Digital Marketing		X	
Economics	X	X	
Finance	X		
Healthcare Administration	X		
Leadership Studies		X	
Management	X		
Marketing	X		
Project Management		X	
Sports Management		X	
Supply Chain Management	X		
MBA for Business Professionals			X

### **SCHNEIDER SCHOOL FACULTY**

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**Lucy Arendt**, professor of business administration – management  
**Paul M. Bursik**, professor of business administration – finance  
**Miles Condon**, assistant professor of business administration – marketing  
**Yuan (Sabrina) Du**, assistant professor of business administration – finance  
**Jason Haen**, assistant professor of business administration – accounting  
**Marc Hammer**, Brown County (WI) circuit court judge, instructor of business administration – business law  
**James Harris**, associate professor of business administration – marketing, coordinator of business administration  
**John-Gabriel Licht**, coordinator of leadership studies minor, associate professor of business administration – management, coordinator of leadership studies minor  
**Jamie O’Brien**, professor of business administration – management  
**Joy Pahl**, professor of business administration – management  
**Kevin Quinn**, dean of the Schneider School of Business and Economics, professor of economics  
**Todd Sarnstrom II**, assistant professor of business administration – data analytics  
**Marc S. Schaffer**, coordinator of data analytics, director of the Center for Business and Economics Analysis, professor of data analytics and economics  
**Matthew Stollak**, associate professor of business administration – management  
**Amy Vandenberg**, coordinator of accounting, assistant professor of business administration – accounting  
**Marc B. von der Ruhr**, coordinator of economics, professor of economics  
**Zhuoyi (Zoe) Zhao**, assistant professor of business administration – accounting

## **SOCIOLOGY AND SOCIAL WORK [SOCI]**

[www.snc.edu/sociology](http://www.snc.edu/sociology)

### **MISSION STATEMENT**

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We produce socially responsible leaders ready to tackle society's most pressing problems with theoretical grounding and methodological rigor.

### **PROGRAM DESCRIPTION**

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Sociology examines the way culture, social structure, groups, and individuals shape social life. Sociologists are interested in the connections between individuals and society, personal problems and public issues, inclusion and exclusion, and hierarchy and equality. We use qualitative and quantitative approaches to analyze data from surveys, in-depth interviews, ethnographic observation, historical documents, and other sources. Sociology classes at St. Norbert College cover a wide range of topics, including socialization, inequality, health, education, gender, sexuality, race, class, marriage, family, social work, immigration, crime, and incarceration.

Sociological training is useful in a range of occupations; it also prepares students for graduate study in a number of disciplines. SNC sociology majors have gone on to work in an array of fields, including social work, the nonprofit sector, education, sales, business, and medicine. They have also pursued graduate degrees in sociology, psychology, educational counseling, public health, social work, academic administration, and applied criminology.

### **SOCIOLOGY FACULTY**

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**Erinn Brooks**, associate professor of sociology, discipline coordinator

**Laura Krull**, assistant professor of sociology

**Jamie Lynch**, associate professor of sociology, executive director, Strategic Research Institute, sociology graduate program advisor

**Alexa Trumpy**, associate professor of sociology

### **COURSE REQUIREMENTS**

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**Sociology Major** (40 credits)

**Degree Awarded if Primary Major: Bachelor of Arts**

#### **Foundational courses**

SOCI 100 Introduction to Sociology  
SOCI 300 Social Research Methods  
SOCI 352 Foundations of Social Theory  
SSCI 224 Basic Statistics

*Students are advised to take SOCI 100 as freshmen, SSCI 224 as sophomores, and SOCI 300 and 352 as juniors.*

Six Sociology Electives from the following list.

- Three at the 200 level or below
- Three at the 300 level or above

SOCI 112 Girls, Girls, Girls (FYS)  
SOCI 122 Criminology  
SOCI 201 Sociology of the Family  
SOCI 211 Bad Marriage or Good Divorce?  
SOCI 233 Sociology of Education  
SOCI 236 Introduction to Public Health  
SOCI 237 Children and Childhood in American Society

SOCI 289	Special Topics
SOCI 320	Culture & Consumption
SOCI 344	Social Movements
SOCI 346	Intersections of Privilege
SOCI 348	Socialization and the Life Course
SOCI 361	Gender, Sexuality and Society
SOCI 403	Mass Incarceration in the United States
SOCI 444	Health, Illness and Society
SOCI 489	Special Topics
SOCI 490	Independent Study
SOCI 492	Directed Research

**Sociology Minor** - (28 credits)

**Foundational Courses**

SOCI 100	Introduction to Sociology
SOCI 300	Sociological Research Methods
SOCI 352	Foundations of Social Theory
SSCI 224	Basic Statistics

Three elective courses in sociology from the following list.

- One at 200 level or below,
- One at 300 level or above,
- One at any level

SOCI 112	Girls, Girls, Girls (FYS)
SOCI 122	Criminology
SOCI 201	Sociology of the Family
SOCI 211	Bad Marriage or Good Divorce?
SOCI 233	Sociology of Education
SOCI 236	Introduction to Public Health
SOCI 237	Children and Childhood in American Society
SOCI 289	Special Topics
SOCI 320	American Culture and Consumption
SOCI 344	Social Movements
SOCI 346	Intersections of Privilege
SOCI 348	Socialization and the Life Course
SOCI 361	Gender, Sexuality and Society
SOCI 403	Mass Incarceration in the United States
SOCI 444	Health, Illness and Society
SOCI 489	Special Topics
SOCI 490	Independent Study
SOCI 492	Directed Research

**Social Work Minor** – (28 credits)

Students who are interested in working in the human services or pursuing graduate studies in social work may elect to complete the social work minor.

**Foundational Courses**

SOCI 101	Introduction to Social Welfare (2 cr)
SOCI 201	Sociology of the Family
SOCI 481	Social Work Practice (2 cr)
SOCI 482	Social Work Internship

Four elective courses in sociology from the following list.

- One at 200 level or below,
- One at 300 level or above,
- Two at any level

SOCI 112	Girls, Girls, Girls (FYS)
SOCI 122	Criminology
SOCI 201	Sociology of the Family
SOCI 211	Bad Marriage and Good Divorce?
SOCI 233	Sociology of Education
SOCI 236	Introduction to Public Health
SOCI 237	Children and Childhood in American Society
SOCI 289	Special Topics
SOCI 320	American Culture and Consumption
SOCI 344	Social Movements
SOCI 346	Intersections of Privilege
SOCI 348	Socialization and the Life Course
SOCI 361	Gender, Sexuality and Society
SOCI 403	Mass Incarceration in the United States
SOCI 444	Health, Illness and Society
SOCI 489	Special Topics
SOCI 490	Independent Study
SOCI 492	Directed Research

*Note: Candidates interested in earning teacher licensure in sociology must also complete the 4-12 education major. See the **Education [EDUC]** section for additional certification requirements.*

## **SPANISH [SPAN]**

[www.snc.edu/ml](http://www.snc.edu/ml)

The Spanish program offers Spanish language courses in addition to courses on Spanish and Latin American cultures, civilizations, linguistics, literature, and film. Students may choose to major or minor in Spanish and may combine their language studies with majors or minors in a variety of programs, such as international studies and teacher education. The Spanish faculty occasionally offer literature, linguistics, film, and culture courses in English for the core curriculum program.

The objectives of the Spanish program are to enable students to communicate effectively in Spanish and to understand and appreciate the cultures and values of the countries in which Spanish is spoken. Studies in Spanish help students increase awareness of their own values and beliefs as well as those of Latino/Latinx and Hispanic cultures, aid in preparing teachers for language-teaching careers, provide language skills and cultural awareness to students specializing in other academic areas, enable students to meet requirements of graduate programs in the study of languages, comparative literature, and linguistics, and prepare students for various careers in an increasingly global society.

All Spanish courses are taught in Spanish and students are expected to use Spanish in class. In addition, courses at all levels require formal oral presentations and papers in the target language. Each presentation and paper is assessed, with feedback provided to students. Some courses may include an academic service-learning or community engagement component, such as SPAN 300.

Each year the Spanish program hosts a foreign language teaching assistant (FLTA) who comes to us from a partnering university in a Spanish-speaking country. The Spanish FLTA provides sessions outside of class to help develop students' oral and written proficiency in the language, serves as a cultural resource, and assists the Spanish Club with various activities and events. The Spanish Club promotes and increases awareness of the Spanish language and Hispanic cultures on campus through a variety of activities. Study abroad opportunities for students include the Universidad Antonio de Nebrija in Madrid, Spain; the Universidad San Pablo in Madrid, Spain; the Fundación Ortega-Marañón in Toledo, Spain through the University of Minnesota; the University of Virginia -

Hispanic Studies Program in Valencia, Spain; the Pontificia Universidad Católica in Santiago, Chile through Middlebury Schools Abroad; the Universidad San Francisco in Quito, Ecuador; the Universidad Católica Argentina in Buenos Aires, Argentina through Middlebury Schools Abroad; the Universidad de Buenos Aires in Buenos Aires, Argentina through Middlebury Schools Abroad; and the Universidad Torcuato di Tella in Buenos Aires, Argentina through Middlebury Schools Abroad.

It is strongly recommended for Spanish majors to study abroad on an SNC faculty-led global seminar, an SNC summer program, or an SNC semester study abroad program. Information about international programs and study abroad opportunities can be found here: <https://www.snc.edu/academics/global-experiences.html>.

## **SPANISH FACULTY**

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**Judy Cervantes**, associate professor of Spanish

**Shalisa Collins**, associate professor of Spanish

**Bradford Ellis**, associate professor of Spanish

**Katie Ginsbach**, associate professor of Spanish

**Terri Schroth**, associate professor of French and Spanish

## **COURSE REQUIREMENTS**

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### **Spanish Major** - (32 credits)

#### **Degree Awarded if Primary Major: Bachelor of Arts**

SPAN 300 Making Connections: Conversation, Composition and Culture

Seven additional SPAN courses at the 300 level or above

Note:

- At least five of the eight courses for the Spanish major must be taken at St. Norbert College.

Note: Students interested in earning teacher licensure in Spanish must also complete the K-12 major in Education. See the **Education [EDUC]** section for additional certification requirements.

### **Spanish Minor** - (16 credits)

SPAN 300 Making Connections: Conversation, Composition and Culture

Any three SPAN courses at the 300 level

Note:

- At least two of the four courses for the Spanish minor must be taken at St. Norbert College.

### **Spanish Language Certificate**

A Spanish language certificate is available and recognizes successful demonstration of intermediate-level proficiency in the language for students that choose not to pursue a language major or minor. The certificate recognizes competency equivalent to the successful completion of the SPAN 101-204 sequence with an overall GPA of 3.0 or better in the language courses counting toward the certificate. The course that demonstrates successful completion of the certificate, SPAN 204, must be taken at St. Norbert College through the modern languages and literatures curriculum and the student must earn a “B” or higher in this course. A student who places beyond the 204 level (e.g., SPAN 300) still must complete one class on campus and receive a grade of “B” or higher in that class. A student interested in a certificate could take four classes (SPAN 101, SPAN 102, SPAN 203, and SPAN 204) at St. Norbert College. However, students could place into SPAN 203 or SPAN 204 and would only have to take one or two classes.

### **Retroactive Credit Policy**

Students may be awarded up to (2) lower-level courses, equivalent to a maximum of (8) retroactive credits, by earning a grade of “B” or better in specific language, math or computer science classes that are above the introductory level (ex: 101).

## STUDY ABROAD AND OFF-CAMPUS PROGRAMS

[www.snc.edu/cge/studyabroad/](http://www.snc.edu/cge/studyabroad/)

### Mission Statement

The Center for Global Engagement embodies and promotes SNC's commitment to global engagement through innovative educational programming, intentional student recruitment and support, and collaborative partnerships on and off campus.

### Program Description

The Center for Global Engagement offers global opportunities for every student, including semester- and year-long international programs, semester-long internship programs in Washington, D.C., and short-term programs (Global Seminars) during the summer and J-terms. To supplement their academic experiences, students may conduct independent research, enroll in a service-learning course, or complete an internship. The Center for Global Engagement offers students a holistic experience by providing expert support before, during, and after each study abroad or off-campus program.

### Benefits

- **Personal growth:** Become more independent, gain self-confidence, develop a global worldview, and figure out who you are
- **Career advantage:** Impress graduate schools and employers by gaining the skills and knowledge that you need to succeed in a globalized society
- **Academic growth:** View your field(s) of study from a new perspective and enroll in courses not offered at St. Norbert College
- **Professional networking:** Expand your professional and social network and establish new connections
- **Experience the world:** Cultivate a sense of adventure and learn about the world

### Learning Goals & Objectives

- **Intellectual development:** Understand the interconnectedness of historical, sociocultural, political, educational, and economic issues in contemporary global contexts
- **Personal development:** Develop a better understanding of the self and your multiple, intersecting identities in an increasingly diverse society
- **Vocation:** Articulate a clearer definition of your calling or purpose as a member of the world community

## THEATRE STUDIES [THEA]

[www.snc.edu/theatre](http://www.snc.edu/theatre)

St. Norbert College Theatre Studies embraces a liberal arts education that challenges students intellectually, spiritually, and personally. We educate our students in critical and creative thinking skills using experiential learning of the Theatrical Arts. Through performance, we investigate the interplay between theory and practice/student and community that culminates in challenging, provocative, rewarding productions and the development of a lifelong vocation. Saint Norbert College Theatre Studies seeks to create inclusive opportunities for all participants and foster a spirit of *communio* and collaboration while striving for excellence.

The program encourages overseas programs and internships, as well as interdisciplinary study.

### **Why study theatre?**

The potential benefits to students partaking in theatre education are numerous and of asset to many professional fields. Consider the following:

- Develop problem solving, critical and creative thinking skills
- Learn to collaborate with a diverse groups of people
- Increased ability for analysis and criticism
- Gain a greater understanding of the world - theatre is an interdisciplinary, human-centric art form that reflects the world we live in.
- Increased knowledge and appreciation of the fine and performing arts
- Develop the practical skills of theatre making and beyond

In addition to those students who graduate with a degree in theatre and join the professional workforce, the benefits listed above are highly adaptable skills that assist in any student's chosen field. For those who decide to continue in professional theatre, the theatre major prepares them for their next step, whether that is graduate school, an internship or becoming a working professional. The design of the program will give them an integrated overall knowledge base to help them in their career choice.

## **THEATRE STUDIES FACULTY**

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**April Beiswenger**, associate professor of theatre studies, director of theatre studies

**Stephen Rupsch**, professor of theatre studies

**Graduate school advisor:** any full-time theatre studies faculty member

## **COURSE REQUIREMENTS**

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**Theatre Studies Major** - (40 credits)

**Degree Awarded if Primary Major: Bachelor of Arts**

THEA 101 Introduction to Live Performance  
THEA 102 Visual Storytelling  
THEA 201 Design for Performance  
THEA 232 Basic Acting  
THEA 337 Contemporary Theatre  
THEA 250 Performance and Production Lab (2 cr, taken four times)  
THEA 450 Senior Capstone  
Two THEA electives

**Theatre Studies Minor** - (24 credits)

THEA 101 Introduction to Live Performance  
THEA 102 Visual Storytelling  
THEA 201 Design for Performance  
THEA 232 Basic Acting  
THEA 337 Contemporary Theatre  
THEA 250 Performance and Production Lab (2 cr, taken two times)

The Senior Capstone (THEA 450, 4 credits) project is the culmination of a student's studies as a theatre major. It is an opportunity to develop a theatrical experience of their own – they are in charge of their own experience, with guidance from the faculty. Students may write a play, direct, act, design, do a research project, present a paper, or any number of substantive projects. They may work alone or collaboratively with other seniors, but the faculty must approve the project and the final output must be of high quality.

### **Theatre Studies Electives**

THEA 105 Introduction to Creativity  
THEA 237 History of Clothing and Fashion  
THEA 301 Technical Theatre and Event Management  
THEA 333 Directing  
THEA 335 Advanced Acting  
THEA 387 History of Architecture and Decor  
ENGL 210 Introduction to Film  
ENGL 339 Shakespeare  
ENGL 314 Modern Drama

Note: Candidates interested in earning K-12 Theatre licensure must also complete the K-12 Teaching Major. See **Education [EDUC]** section for the major as well as additional certification requirements.

## THEOLOGY AND RELIGIOUS STUDIES [THRS]

[www.snc.edu/religiousstudies](http://www.snc.edu/religiousstudies)

The theology and religious studies discipline is a community of scholars who teach by word and example. We believe pursuing religious and theological questions - questions about ultimate meaning, God, and how we relate to God, one another, and the created world - is essential to a good and meaningful life. In the spirit of the rich Catholic intellectual tradition, we believe sustained conversation with other academic disciplines and a variety of religious traditions is necessary to the study of theology and religion. As taught by the Second Vatican Council, the Catholic tradition develops over time through study, contemplation, and partnership for justice with all peoples of good will. Inspired by the Norbertine value of radical hospitality, we advocate for the inclusion of all persons, especially those who are victims of injustice.

Theology and religious studies majors will be able to:

- Understand the core concepts of the discipline (e.g., revelation, reason, faith, ritual, ethics, authority, tradition, mystery, and interpretation)
- Locate their identities and theological viewpoints within historical, global, and social contexts
- Apply critical intellectual frameworks at work in the scholarship of theology and religious studies
- Develop skills in reading primary and secondary texts (e.g., scripture, books, films, artwork, architecture)
- Develop writing skills that exhibit coherent, careful, and theologically informed thought
- Develop skills in the practice of genuine dialogue in both personal and public spaces about ultimate meaning and the common good
- Engage with the community on issues of justice
- Reflect on vocation and personal responsibility to the common good

### THEOLOGY AND RELIGIOUS STUDIES FACULTY

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**Thomas M. Bolin**, professor of theology and religious studies

**Bridget Burke Ravizza**, professor of theology and religious studies, discipline coordinator

**Howard Ebert**, professor of theology and religious studies

**Craig A. Ford, Jr.**, assistant professor of theology and religious studies

**Kathleen Gallagher Elkins**, associate professor of theology and religious studies

**Andrew O'Connor**, assistant professor of theology and religious studies, graduate school advisor

**Karen Park**, professor of theology and religious studies

### COURSE REQUIREMENTS

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#### **Theology and Religious Studies Major** - (40 credits)

- THRS 117 Theological Foundations  
THRS 209 Doctrine of God  
    **or** THRS 325 Providence, Suffering, and Freedom  
THRS 280 Introducing Christian Traditions  
    **or** THRS 320 The Christian Tradition  
THRS 309 Biblical Exegesis and Research  
    **or** THRS 322 Survey of the Hebrew Bible  
    **or** THRS 329 The New Testament  
THRS 333 Christian Ethics  
    **or** THRS 433 Advanced Christian Ethics  
THRS 499 Portfolio (0-credit requirement)

#### **Choose one of the following courses in biblical studies**

- THRS 314 The Origins of Biblical Monotheism  
THRS 322 Survey of the Hebrew Bible  
THRS 324 Women in the Bible  
THRS 327 Ancient Wisdom and the Modern Search for Meaning  
THRS 329 The New Testament

**Choose one of the following courses in religious diversity**

- THRS 331 Judaism and Christianity: The Holocaust
- THRS 339 World Scriptures
- THRS 340 World Religions in Dialogue
- THRS 343 Muslim-Christian Dialogues
- THRS 350 Christianity and Religious Diversity

Choose three other THRS electives. One THRS course must be designated CENG.

**Theology and Religious Studies Major –Ministry Emphasis** – (48 credits)

- THRS 117 Theological Foundations
- THRS 209 Doctrine of God
  - or THRS 325 Providence, Suffering, and Freedom
- THRS 242 Liturgy and the Sacraments
- THRS 280 Introducing Christian Traditions
  - or THRS 320 The Christian Tradition
- THRS 309 Biblical Exegesis and Research
  - or THRS 322 Survey of the Hebrew Bible
  - or THRS 329 The New Testament
- THRS 333 Christian Ethics
  - or THRS 433 Advanced Christian Ethics
- THRS 494 Internship
- THRS 499 Portfolio (0-credit requirement)

Three THRS electives **and** two thematic courses, one from each of these two areas:

**Choose one of the following courses in biblical studies**

- THRS 314 The Origins of Biblical Monotheism
- THRS 322 Survey of the Hebrew Bible
- THRS 324 Women in the Bible
- THRS 327 Ancient Wisdom/Modern Search
- THRS 329 The New Testament

**Choose one of the following courses in religious diversity**

- THRS 331 Judaism and Christianity: The Holocaust
- THRS 339 World Scriptures
- THRS 340 World Religions in Dialogue
- THRS 343 Muslim-Christian Dialogues
- THRS 350 Christianity and Religious Diversity

Choose three other THRS electives. One THRS course must be designated CENG.

**Theology and Religious Studies Minor** - (24 credits)

- THRS 117 Theological Foundations
- THRS 209 Doctrine of God
  - or THRS 325 Providence, Suffering, and Freedom
- THRS 280 Introducing Christian Traditions
  - or THRS 320 The Christian Tradition
- THRS 309 Biblical Exegesis and Research
  - or THRS 322 Survey of the Hebrew Bible
  - or THRS 329 The New Testament
- THRS 333 Christian Ethics
  - or THRS 433 Advanced Christian Ethics

One THRS elective

## VISUAL AND PERFORMING ARTS DIVISION [VISP]

[www.snc.edu/visualandperformingarts](http://www.snc.edu/visualandperformingarts)

### Interdisciplinary Arts Divisional Major

The interdisciplinary arts major is a well-rounded, self-determined course of study for students interested in exploring the interconnectedness of different forms of art. We seek to cultivate artists who are conversant in multiple artistic disciplines and who see joy in the intersection of the arts – an inclusive, rather than exclusive view of artistic endeavor. Students in this major will be encouraged to create a customized path through the visual and performing arts division, while ensuring individualized instruction from the art, music and theatre studies disciplines.

An interdisciplinary arts major will:

- Become conversant in the interpretations of ‘text’ in all its forms, and gain an understanding of how ‘text’ affects art
- Gain technical proficiency in the allied disciplines
- Discover how the visual and performing arts disciplines are interconnected through history, theory and practice
- Understand the process of creation – from initial idea to final project to critique
- Recognize their place in society and understand how creative output has the power to affect and transform a community

### **COURSE REQUIREMENTS**

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#### Interdisciplinary Arts Major – (60 credits)

THEA 102 Visual Storytelling

Three 100-level courses, one from each VISP discipline

Three 200-level courses, from any VISP discipline

Three 300-level courses, from any VISP discipline

One 400-level course from any VISP discipline (a special topics or independent study course may also be selected)

Three courses with a history emphasis, one from each VISP discipline

Senior Capstone Project (4 cr)

The senior capstone project, undertaken in the student’s final year at SNC, is a project of significant weight that serves as the culmination of the interdisciplinary arts major. Ideally, the capstone will be a blending of the three VISP disciplines. The student will select a principal mentor and two secondary advisors from the divisional faculty who will help guide the project. The student, mentor and secondary advisors will together develop the criteria for evaluating success in the capstone project.

### **WASHINGTON INTERNSHIP PROGRAMS**

[www.snc.edu/internationalstudies/washingtonsemester.html](http://www.snc.edu/internationalstudies/washingtonsemester.html)

[www.snc.edu/communicationandmedia/washingtonmediainstitute.html](http://www.snc.edu/communicationandmedia/washingtonmediainstitute.html)

St. Norbert College students have the opportunity to study in Washington, D.C., and complete an internship of their choice. In addition, students network with government officials, academics and practitioners. St. Norbert College currently sponsors the following programs in Washington, D.C.

### **WASHINGTON INTERNSHIP PROGRAMS FACULTY AND STAFF**

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**Mark Glantz**, Washington Media Institute faculty advisor

**Allison Reed**, study abroad advisor

#### The Washington Semester at American University

Since the mid-1980s, St. Norbert College has partnered with the School of Professional and Extended Studies at American University to offer the Washington Semester Program (WSP). WSP is an academic, experiential learning program that allows St. Norbert College students to live in Washington, D.C. and meet professionals, practitioners

and academics who are leaders and experts in their fields. The program gives students valuable insight into their career paths, provides networking opportunities, and prepares them for a competitive job market. Students enroll in two four-credit seminars and a four-credit internship. In addition, students have the option to enroll in a 3- or 4-credit research methods course, as well as a three-credit elective at AU.

Students may choose one of the following concentrations for their seminar focus:

American Politics  
Foreign Policy  
Global Economics and Business  
International Law and Organizations  
Journalism and New Media

Justice & Law  
Public Health Policy  
Sports Management & Media  
Sustainable Development

Students registering for the Washington Semester must first receive approval from American University, Study Abroad and Off-Campus Programs, as well as the SNC faculty advisor. Students register for full-time status with WASH 3930 and WASH 3931. Actual credits earned are assigned after the completion of the experience.

**Courses:**

WASH 3930 Washington Semester Program (12 credits)  
WASH 3931 American University D.C. (0 credits)

**The Washington Media Institute**

Since the Fall of 2013, St. Norbert College has sponsored the Washington Media Institute (WMI) program. Students spend a semester in Washington, D.C., studying print journalism, social media, content creation, and new generation public relations. The program is designed to enhance students' college degree with experiential learning, tailored internships, and specially designed core seminars. The program includes site visits, guest speakers and networking opportunities which give students the professional experiences they need to enter the job market. Students from any discipline are welcome to apply, since WMI helps students develop the media skills they need to be career-ready in the 21st century. WMI courses are fully integrated with the Communication and Media Studies curriculum. Students enroll in WASH 3932 with approval and take the following courses.

**Courses:**

WASH 3932 Washington Media Institute  
COME 394 Washington Media Institute Internship  
COME 395 Media Entrepreneurship  
(*fulfills elective in the Leadership minor*)  
COME 396 Media in Today's Society (Core: EI)  
COME 397 Politics, Journalism, New Media  
(*may fulfill POLI elective with substitution form*)

## **WOMEN'S AND GENDER STUDIES [WMGS]**

[www.snc.edu/wmgs](http://www.snc.edu/wmgs)

Women's and Gender Studies is an interdisciplinary academic field which takes gender as a primary category of analysis and examines it using the insights of various disciplines, from history to sociology to religion and beyond. As a result, students in the women's and gender studies minor will gain a rich understanding of gender as a social construction, one that intersects with class, race, age, ethnicity, nationality, sexual orientation and sexual identity.

Thus, Women's and Gender Studies is both a content area (women and gender) and an approach, including pedagogies, methodologies and disciplinary questions specific to the field. Scholarship in the area for the last 30 years continues to be innovative and ground-breaking, particularly in its ability to use interdisciplinary knowledge to recover and examine exactly what gender means, both in a national and international context.

**Women's and Gender Studies at St. Norbert College**

Women's and Gender Studies supports the mission of St. Norbert College by providing "an educational environment that fosters intellectual, spiritual and personal development." This discipline challenges the whole person through its

innovative pedagogies, relevant theories and importance in making sense of the world we encounter daily. Furthermore, we are called as a Catholic and Norbertine college to be particularly concerned with the promotion of social justice and human dignity, as mandated by the Gospels and Catholic social teaching. These concerns are integral to Women's and Gender Studies which has always been sensitive to issues of social justice and creates a space for the voices of marginalized people to be heard both inside and outside the academy.

A Women's and Gender Studies minor has strong connections to the study of the liberal arts. A liberal arts education emphasizes critical thinking and writing, interdisciplinarity and synthesis, and the building of one's ideas and arguments on firm cultural and historical foundations. The study of how gender has affected the construction of knowledge is therefore fundamental to a well-rounded liberal arts education.

### **The Benefits of Women's and Gender Studies**

Professions as varied as business, social work, medicine, law enforcement and education emphasize awareness of diversity as a key to professional success. By enhancing students' ability to recognize and analyze the gendered structures that have shaped the lives of women and men of all races, classes, nationalities, religions, sexual orientation and abilities throughout history, Women's and Gender Studies courses help students to develop what many modern professions identify as core competencies.

Today, few disciplines in the academy have been untouched by women's and gender studies theory and research. Because of this and the wide availability of undergraduate women's and gender studies courses at most institutions of higher education, familiarity with gender analyses and feminist theory is virtually taken for granted in graduate programs in the social and behavioral sciences and humanities. By providing systematic and focused curricular opportunities to learn the fundamental assumptions and approaches associated with the study of women and gender, Women's and Gender Studies enhances the preparation of St. Norbert College students for graduate study.

## **WOMEN'S AND GENDER STUDIES FACULTY**

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**Erica Barnett**, associate professor of education

**Bridget Burke Ravizza**, professor of theology and religious studies

**Deirdre Egan-Ryan**, professor of English

**Kathleen Gallagher Elkins**, associate professor of theology and religious studies

**Craig A. Ford, Jr.**, assistant professor of theology and religious studies

**Valerie Kretz**, associate professor of communication and media studies

**Laura Krull**, assistant professor of sociology

**Shelly Mumma**, director of leadership studies, student engagement and first year experience

**AnaMaria Clawson**, associate professor of English

**Victoria Tashjian**, professor of history

**Abigail Trollinger**, associate professor of history

**Alexa Trumpy**, associate professor of sociology

**Gratzia Villarroel**, associate professor of political science

**Program coordinator:** Erica Barnett

## **COURSE REQUIREMENTS**

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### **Women's and Gender Studies Minor** - (24 credits)

1. WMGS 110 Introduction to Women's and Gender Studies
2. Five from the following (no more than two courses from one discipline, with the exception of WMGS courses):
  - ART 375 Race and Gender in Contemporary Art
  - COME 331 Women & Media
  - ENGL 206 Queer Literature
  - ENGL 310 Race and Sex in Contemporary U.S. Texts
  - ENGL 311 Women and Literature
  - HIST 327 Women & Gender in US History
  - HIST 335 Women & Work
  - HIST 351 Women, Gender and Imperialism

PEAC 400	Capstone in Peace and Justice
PHIL 344	Feminist Philosophy
SOCI 112	Girls, Girls, Girls: Sociology of Girls & Girlhood
SOCI 346	Intersections of Privilege
SOCI 361	Gender, Sexuality and Society
SSCI 408	Social Inequalities
THRS 268	Sexuality, Intimacy and God
THRS 318	Feminist Theology
THRS 324	Women in the Bible
THRS 328	Queer Theology
WMGS 201	Men and Masculinities
WMGS 205	Race/Ethnicity in the Lives of US Women
WMGS 289	Special Topics
WMGS 360	Feminist Theory
WMGS 389/489	Special Topics
WMGS 490	Independent Study (program director approval)
WMGS 494	Internship (program director approval)

Note: At least two of the courses counting toward the minor must be at the 300+ level. Additional electives can be found in the course catalog.

## GRADUATE ACADEMIC PROGRAMS

### MASTER OF BUSINESS ADMINISTRATION

[www.snc.edu/mba](http://www.snc.edu/mba)

The St. Norbert College master of business administration degree program is offered through the Donald J. Schneider School of Business and Economics. The primary goal of the program is to develop future senior business and organizational leaders who understand both the art and science of business. It is a campus-based program that values faculty-student and student-student engaged and personal interaction in the adult learning process. In addition to providing students with a solid business core curriculum designed to foster the knowledge sets necessary for professional organizational competence, the Schneider MBA emphasizes the interpersonal and decision-making skills that distinguish outstanding and ethical leaders.

The Schneider MBA is an accelerated program aimed at motivated students who are typically expected to complete the requirements for graduation within two to three years.

### SCHNEIDER SCHOOL MISSION AND VISION

**Vision:** St. Norbert College's Donald J. Schneider School of Business and Economics will be the intellectual hub for business in Northeastern Wisconsin.

**Mission:** The SSBE develops and empowers ethical business leaders through passionate teaching and mentoring, engaged service, and consequential scholarship. We offer challenging learning experiences in the Catholic, liberal arts tradition, and rooted in the Norbertine practices of *communio* and *localitas*.

- by **ethical** we mean we recognize challenges to our core values and develop shared frameworks for values-based decisions
- by **challenging** we mean we achieve educational excellence by engaging in rigorous and critical thinking and action
- by *communio* we mean we are called to live in relationships that strive for high standards including mutual esteem, trust, sincerity, faith, responsibility, dialogue, communication, consultation and collaboration
- by *localitas* we mean we are committed to serve the particular needs of the communities to which we belong

### MASTER OF BUSINESS ADMINISTRATION FACULTY

**Lucy Arendt**, professor of business administration – management

**Paul M. Bursik**, professor of business administration – finance

**Miles Condon**, assistant professor of business administration – marketing

**Yuan (Sabrina) Du**, assistant professor of business administration – finance

**Jason Haen**, assistant professor of business administration – accounting

**James Harris**, coordinator of business administration, associate professor of business administration – marketing

**John-Gabriel Licht**, coordinator of the leadership studies minor, associate professor of business administration – management

**Jamie O'Brien**, professor of business administration – management

**Joy Pahl**, professor of business administration – management

**Kevin Quinn**, dean of the Schneider School of Business and Economics, professor of economics

**Todd Sarnstrom II**, assistant professor of business administration – data analytics

**Marc S. Schaffer**, coordinator of data analytics, director of the Center for Business and Economic Analysis, professor of data analytics and economics

**Matthew Stollak**, associate professor of business administration – management

**Amy Vandenberg**, coordinator of accounting, assistant professor of business administration – accounting

**Marc B. von der Ruhr**, coordinator of economics, professor of economics

**Zhuoyi (Zoe) Zhao**, assistant professor of business administration – accounting

### **Graduate student advisors**

**Lisa Gray**, coordinator of the master of business administration program

**Kevin Quinn**, dean of the Donald J. Schneider School of Business and Economics

### **PROGRAM ADMINISTRATION**

**Kevin Quinn**, dean of the Schneider School of Business and Economics

### **PROGRAM REQUIREMENTS**

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The MBA for Business requires students to complete 14 courses totalling 29 credits of MBA core courses. In addition, students must complete four elective courses totalling 8 credits as follows:

#### **Core Courses** - (29 credits)

- BUAD 600 MBA Springboard (1cr, bi-annually)
- BUAD 601 Macroeconomics for Business Managers (2 cr, annually)
- BUAD 602 Microeconomics for Business Managers (2 cr, annually)
- BUAD 606 Managerial Accounting for Decision Makers (2 cr, annually) [Prerequisite of BUAD 650]
- BUAD 610 Business Ethics and Values-Based Leadership (2 cr, annually)
- BUAD 628 Foundation Tools for Business Analytics (2cr, annually)
- BUAD 629 Business Statistics and Analysis (2cr, annually) [Prerequisite of BUAD 628]
- BUAD 631 Leading People and Teams (2cr, annually)
- BUAD 632 Managing Human Resources (2 cr, annually)
- BUAD 633 Managing Operations and Supply Chains (2 cr, annually)
- BUAD 650 Financial Valuation Principles (2 cr, annually)
- BUAD 651 Financial Management (2 cr, annually) [prerequisite of BUAD 650]
- BUAD 670 Marketing Management (2 cr, annually)
- BUAD 685 Strategic Management Capstone (4 cr, spring, annually) [Prerequisites: BUAD 601, 602, 606, 629, 631, 633, 651, 670]

#### **Elective Courses** - (8 credits)

Complete a total of four electives (8 credits), chosen from any combination of the following:

- BUAD 603 Predictive Analytics with Regression Analysis (2 cr)
- BUAD 604 Time Series Analysis (2 cr) [prerequisite of BUAD 603]
- BUAD 611 Humanistic Leadership (2cr)
- BUAD 612 Building Inclusive Workplaces (2 cr)
- BUAD 615 Entrepreneurship (2 cr)
- BUAD 616 Collaborative Innovation & Design (2 cr)
- BUAD 630 Data visualization (2 cr)
- BUAD 637 Leading Change (2 cr) [prerequisite of BUAD 631]
- BUAD 640 Business Communication (2 cr)
- BUAD 641 Project Management (2 cr)
- BUAD 671 Integrated Marketing Promotions (2 cr) [prerequisite of BUAD 670]
- BUAD 686 Nonprofit Management (2 cr)
- BUAD 689 Special Topics in Business (2 cr)

## MASTER OF THEOLOGICAL STUDIES

[www.snc.edu/mts](http://www.snc.edu/mts)

The Master of Theological Studies degree program provides a solid theological foundation within the context of a transformative pastoral practice, which requires rigorous study and pastoral sensitivity. The program serves the particular needs of the Diocese of Green Bay, other dioceses of the Midwest, New Mexico, and the wider ecumenical audiences in these regions. It is grounded in Scripture and in the Christian theological tradition. The central core is six required courses (18 credits) covering the traditional areas of theology. From the point of view of both the College and the diocese, the need for a common theological base is paramount in educating lay ministers for the professional roles they will be expected to fill upon completion of the program. In addition to the six required core courses, students will take 10 credits of elective courses. An integrative colloquium, a portfolio, and a thesis project conclude the program for a total of 32 credits. The Master of Theological Studies program is a professional rather than a research degree. Courses are offered year-round in the late afternoon, evenings, or on Saturdays.

### MASTER OF THEOLOGICAL STUDIES FACULTY

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**Kathleen Gallagher Elkins**, director of master of theological studies

### PROGRAM REQUIREMENTS

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#### **Core Courses** - (18 credits)

- THEO 501 Systematic Theology and Theological Method (3 cr)
- THEO 502 Historical Development of Christian Tradition (3 cr)
- THEO 503 Scripture and Biblical Interpretation (3 cr)
- THEO 504 Christian Ethics (3 cr)
- THEO 505 Christology (3 cr)
- THEO 506 The Nature and Mission of the Church (3 cr)

#### **Elective Courses** - (10 credits)

*Choose ten credits from following courses:*

- THEO 520 History and Models of Catechesis (2 cr)
- THEO 522 Faith Development (2 cr)
- THEO 531 Spiritual Skills I (3 cr)
- THEO 532 Spiritual Skills II (3 cr)
- THEO 540 Principles of Liturgy (2 cr)
- THEO 541 Sacramental Theology (2 cr)
- THEO 560 Models of Ministry and Leadership in the Church (2 cr)
- THEO 576 Theology and Practice of Pastoral Care (2 cr)
- THEO 578 Theologies of Ecumenical and Interreligious Dialogue (2 cr)
- THEO 579 Enculturation and Evangelization (2 cr)
- THEO 580 Foundations of Spirituality (2 cr)
- THEO 589 Special Topics (2 cr)
- THEO 590 Independent Study (2 cr, prior approval required)
- THEO 594 Theological Practicum (2 cr, prior approval required)

#### **Additional Requirements**

- THEO 510 Integrative Colloquium (2 cr)
- THEO 512 Master's Thesis Project I (1 cr)
- THEO 513 Master's Thesis Project II (1 cr)
- THEO 599 Master's Portfolio

A minimum grade point average of 2.75 in graduate level coursework and 3.0 in the MTS is required for graduation.

If a student has completed the six core courses and fails to complete the more advanced components of the program, they may be awarded the Certificate in Theological Competency.

### **Certificate Program for Theological Competency**

The certificate is available to students with a Master's or Bachelor's Degree in some other area who are seeking to enhance their theological background. Students should have at least a foundational knowledge of Scripture and theology before entering the certificate program.

This program is intended for students who only want to take six courses. Students receive a certificate rather than a degree. Some students choose this option to further their education in theology or gain certification hours.

### **Certificate Requirements**

THEO 501 Systematic Theology and Theological Method (3 cr)

THEO 502 Historical Development of Christian Tradition (3 cr)

THEO 503 Scripture and Biblical Interpretation (3 cr)

THEO 504 Christian Ethics (3 cr)

THEO 505 Christology (3 cr)

THEO 506 The Nature and Mission of the Church (3 cr)

A minimum grade point average of 2.75 in graduate level coursework and 3.0 in the MTS is required for graduation.

# COURSE DESCRIPTIONS

## A

### ACCOUNTING [ACCT]

FOR DESCRIPTIONS OF BUAD COURSES, SEE SECTION ON BUSINESS ADMINISTRATION

#### ACCT 205 [4 CR] FINANCIAL ACCOUNTING

A complete and balanced treatment of the concepts and procedures used by business organizations to measure and report their performance. Emphasizes the accounting cycle and preparation of the income statement, balance sheet and statement of cash flows. Financial statement analysis and interpretation is introduced. Covers income from merchandising operations, internal control, current and long-term assets, liabilities and stockholders' equity.

#### ACCT 206 [4 CR] MANAGERIAL ACCOUNTING (FOR NON-ACCOUNTING MAJORS)

The course includes managerial information for planning, controlling and decision-making. Cost concepts and behaviors are studied and used for product costing in job order and standard costing systems and for performance evaluation, tactical and budgeting decisions. The emphasis is on the use of accounting information by managers. This course is not open to accounting majors. Prerequisites: ACCT 205 and BUAD 142.

#### ACCT 229 [2 CR] FRAUD INVESTIGATION I

This course explores the various forms of occupational fraud: who commits fraud, why and how fraud is committed, and how to prevent and detect fraudulent activities. Prerequisites: BUAD 142, BUAD 210, BUAD 231, ACCT 205 with a grade of "C" or better.

#### ACCT 300 [4 CR] VOLUNTEER INCOME TAX ASSISTANCE (VITA)

The Volunteer Income Tax Assistance (VITA) program is a national initiative program, sponsored by the Internal Revenue Service, that offers free tax help to low - to moderate income individuals, persons with disabilities, the elderly, and limited English speakers. Students receive training, both online and in the classroom to provide free tax help for those

who need assistance preparing tax returns. Course prerequisite: instructor permission. Spring semester.

#### ACCT 305 [4 CR] ACCOUNTING INFORMATION SYSTEMS

This course combines methodologies, controls and accounting techniques with information technology. Topics include processes and flow of various business transaction cycles, recognition and implementation of internal controls, data integrity and security, database theory and application, and current trends in information systems. Prerequisites: BUAD 142; ACCT 205. Spring semester.

#### ACCT 315 [4 CR] MANAGERIAL COST ACCOUNTING (FOR ACCOUNTING MAJORS)

Covers concepts, systems, planning and control, cost behavior, and decision-making. The course integrates both traditional and contemporary issues in cost management and decision-making. The course emphasizes both the preparation of reports and the accountant's role in the management decision-making process. Students who have already taken ACCT 206 cannot take this course. Prerequisites: ACCT 205, BUAD 228, and BUAD 142. BUAD 228 can be taken concurrently with ACCT 315. Fall semester.

#### ACCT 316 [2 CR] ADVANCED COST ACCOUNTING

This course is designed for accounting majors that require advanced study in cost accounting topics. Topics covered may include, but are not limited to, contemporary management, quantitative techniques, report generation and analysis. Prerequisite: ACCT 206 or ACCT 315. Spring semester during first seven weeks.

#### ACCT 319 [4 CR] FEDERAL INCOME TAX

Topics include individual, partnership, corporate, payroll, installment sales, depreciation and asset cost recovery systems, sales and exchanges, capital gains and losses, and legal basis for gain or loss. Prerequisites: ACCT 205, BUAD 228. Fall semester.

**ACCT 320 [2 CR]**  
**ACCOUNTING FOR GOVERNMENT AND NOT-FOR-PROFIT**

This course conducts an overview of accounting methods, procedures and financial reporting primarily for state and local governments and non-profits. Students will be able to comprehend the similarities and differences between fund types and be able to understand and prepare various reporting statements. Students must complete either ACCT 320 or ACCT 422. Prerequisites: ACCT 205. Spring semester, odd-numbered years.

**ACCT 321 [2 CR]**  
**ADVANCED FEDERAL INCOME TAX**

This is an advanced study of corporations, partnerships, estates and trusts, gift taxes, specially taxed corporations, capital changes and securities. Prerequisite: ACCT 319. Spring semester during first seven weeks.

**ACCT 325 [4 CR]**  
**INTERMEDIATE ACCOUNTING 1**

This first intermediate course covers comprehensive and complex issues of financial accounting. The course pays special attention to contributions to the accounting field made by professional and research groups. Topics include primary financial statements and their preparation, accounting and the time value of money, cash and receivables, investments, inventories, acquisition and disposition of property, plant and equipment, depreciation and depletion, intangible assets, and revenue recognition. Prerequisites: grade of "C" or better in ACCT 205.

**ACCT 326 [4 CR]**  
**INTERMEDIATE ACCOUNTING 2**

This second intermediate course continues the study of comprehensive and complex financial accounting concepts and procedures. Topics include current liabilities, long-term liabilities, contributed capital, retained earnings, dilutive securities, earnings per share, accounting for income taxes, pensions, leases, accounting changes, and statement of cash flows. Prerequisite: ACCT 325. Spring semester.

**ACCT 418 [4 CR]**  
**AUDITING**

This course is a broad introduction to the field of auditing. It emphasizes the philosophy and environment of the auditing profession, including the nature and purpose of auditing, auditing standards, professional conduct, auditor's legal liability, and the approach followed in performing financial statement audits. Other topics include internal control, audit

sampling, accumulating audit evidence, reporting responsibilities, other attestation and accounting services, and internal, compliance and operational auditing. Prerequisite: ACCT 325. Fall semester.

**ACCT 422 [2 CR]**  
**ACCOUNTING BUSINESS COMBINATIONS**

This course is a study of advanced accounting topics including business combinations, equity method of accounting for investments, purchase methods, consolidated financial statements, various intercompany transactions, multinational accounting, foreign currency transactions, and translation of foreign financial statements. Prerequisite: ACCT 326.

**ACCT 495 [8 CR]**  
**PUBLIC ACCOUNTING INTERNSHIP**

Appropriate work experience with a firm specializing in the providing of tax and audit services for clients may be undertaken for course credit when directly related to the educational goals of the student. The work done or a description of the field experience is not sufficient for academic credit, there must also be evidence of reflective analysis and interpretation of the experience which relates it to the basic theory in related areas. Students must submit an Internship Course Application to the Accounting discipline coordinator to be approved for academic credit before registering for the course. Prerequisite: accounting major, Accounting discipline coordinator approval, junior or senior standing.

**ACCT 499 [0 CR]**  
**SENIOR EXAMINATION**

Assessment data is obtained through standardized tests. Completion of the assessment examination is required for graduation.

**ARAB [ARAB]**

**ARAB 101 [4 CR]**  
**INTRO TO ARABIC LANGUAGE 1**

Development of basic ability in understanding, reading, speaking and writing in Arabic. Course offered through UW-GB exchange. Please contact the SNC Registrar's Office for registration procedures.

**ARAB 102 [4 CR]**  
**INTRO TO THE ARABIC LANGUAGE 2**

Development of basic ability in understanding, reading, speaking and writing in Arabic.

## **ART [ART]**

### **ART 110 [4 CR, CORE: WT] HISTORY OF WESTERN ART**

This course will advance the belief that art is an irreplaceable way of understanding and expressing the world — equal to but distinct from other methods of inquiry and certainty. By charting the emergence of unique and continuous traditions of visual imagery from Chauvet to the last works of the Post-Impressionists, this course will highlight canonical paintings and sculpture from major periods of Western culture. Focusing on the key innovations, personalities and styles of Western art, this general survey class will encourage a basic appreciation, analysis, recognition and interpretation of art.

### **ART 112 [4 CR, CORE: WT] HISTORY OF MODERN DESIGN**

This course will explore how humans interact with everyday products, environments and visual mediums that we encounter on a daily basis. It is a survey of design history beginning with the Arts and Crafts movement (1880-1910) through Post Modernism.

### **ART 115 [4 CR, CORE: WT] HISTORY OF MODERN ART**

A survey course rooted in the Modernist injunction, “Astonish me!”, this class will examine major figures, movements, and breakthroughs made by the Western artistic imagination in the late 19th and early 20th centuries. Different conceptions of modern art that emerged during this period, particularly the images and objects by Pablo Picasso and Andy Warhol, will be presented and discussed. Basic principles of general art appreciation, analysis, recognition and interpretation will be emphasized. Art as an experience that awakens, enlarges, refines and restores our humanity will characterize this class.

### **ART 124 [4 CR, CORE: EI] MOBILE DIGITAL PHOTOGRAPHY**

This course is an introductory course in the creative use of mobile digital media. Students will learn basic techniques that will help them to take better photographs with a smartphone. The course will cover image acquisition, image manipulation, and creative control. The final work will be output for critique through online forums. The course will progress as an exploration of mobile photography tools and applications. The course will provide foundational skills for understanding and increasing control of photographic techniques and processes through a smartphone.

### **ART 125 [4 CR, CORE: EI] INTRODUCTION TO ADOBE PHOTOSHOP (FOR NON-MAJORS)**

An introductory elective course that explores the process of digital image manipulation using Adobe Photoshop as the primary tool. The course examines various aspects of the digital process including digital image capture (scanner and camera), digital image manipulation and preparation of images for electronic publication. J-Term and Summer Session. This course is not graded using a traditional letter-grade system. Students will receive a grade of either satisfactory (“S”) or unsatisfactory (“U”).

### **ART 130 [4 CR] INTRODUCTION TO DESIGN**

This course is an introduction to graphic design focusing on fundamental principles of two-dimensional design and working iteratively. Assignments include hands-on projects, written, and collaborative work. The course provides students with a general understanding of concepts, theories and language related to two-dimensional design, as well as introducing industry-standard software.

### **ART 131 [4 CR, CORE: EI] INTRODUCTION TO STUDIO ART**

This course is an introduction to studio art focusing on fundamental principles of design, fine art technical processes and methods of production. This course is designed to provide students with a general understanding of concepts, theories and language related to two- and three-dimensional studio art practice, as well as forms of time-based media. There is an emphasis on skills and principles required to create and critique art and design, particularly in the context of contemporary art practices. Students will learn to solve aesthetic, visual and conceptual problems through a variety of media and materials.

### **ART 132 [4 CR, CORE: EI] CONTEMPORARY ART – IDEAS & PRACTICE**

This introductory studio art course explores contemporary art in concept and practice. Contemporary art is the art of today, produced by artists who are living in our time. It provides opportunities to reflect on society and the issues that are important to us and the world in our current moment. This course is designed to provide students with a general understanding of ideas related to contemporary art practice, as well as to provide introductory studio experiences. In this course, students are introduced to the field of art as a space of knowledge development through engaged art practice, along with the thoughtfulness of critical

reflection that is essential within the field of art. Students will also be introduced to a variety of media and approaches to art-making throughout the course.

**ART 134** [4 CR, CORE: EI]

**BASIC DRAWING**

This course is an introduction to the fundamentals of drawing. Line, modeling, light and shadow, composition, Renaissance, and intuitive perspective will be explored with a strong emphasis on life drawing.

**ART 144** [4 CR, CORE: EI]

**MOBILE MEDIA LAB**

This course is an introductory course in the creative use of mobile digital media. Students will learn basic techniques in mobile digital photography, video, animation, and more. The course will cover image acquisition, editing and manipulation, and creative control over media production with a smartphone. The final work will be output for critique. The course will progress as an exploration of mobile media production tools and applications. The course will provide foundational skills for understanding and increasing control of media production techniques and processes through smartphones.

**ART 205** [4 CR, CORE: EI]

**ART, TECHNOLOGY AND SOCIETY**

This is an art history research- and writing-intensive course exploring social, political, and technological transformations in art history, as well as how artists have responded to the technological and social changes of their time. Through research, writing, in-class screenings, and lectures, this course will examine how artists utilize new technologies to reflect upon, analyze, critique and investigate social issues in their artistic practice. The course will also examine momentous social events as well as how artists have responded to those events creatively, reflectively, and critically.

**ART 215** [4 CR, CORE: CI]

**SACRED ART AND ARCHITECTURE**

This course is an examination of the pliancy of sacred art and architecture within the history of Catholic belief and sacramental celebration. Focusing primarily on liturgical accouterments, sacred art and religious environments, devotional practices and the key historical figures, themes, rites and rituals within Catholic culture, this class will explore how the Catholic imagination has responded to evolving concepts of divinity, holiness, memory, gender and sanctity over the course of two millennia. Class will meet **off campus** at various locations throughout De Pere and Green Bay; it is imperative that students

enrolled in this class arrive on-time at the off-campus location and do not leave class until the official end-time of the class.

**ART 220** [4 CR]

**ART AND COMMUNITY EXPRESSION**

In this course, students will work in tandem with a Green Bay nonprofit to administer arts activities to individual elderly and disabled clients and collaborate with them in creative exploration and communication. The course emphasizes engagement as service and explores how arts activities and human interactions improve quality of life, communication and expression in the elderly and disabled. Training will be coordinated by the community nonprofit and students will meet with clients throughout the semester, as well document their experiences through journaling, reflective writing, exhibitions of art work and responses to readings. They will give presentations on their experiences as their final project.

**ART 224** [4 CR, CORE: EI]

**INTRODUCTION TO SCULPTURE**

An introduction to three-dimensional form, processes and materials. The course introduces the elements of art in a three-dimensional context with an emphasis on skill-building, basic tool introduction and exploration of materials. Assignments require students to work independently outside of the sculpture studio. Demonstration, critique and focused studio practice are primary methods of instruction.

**ART 225** [4 CR, CORE: EI]

**INTRODUCTORY CERAMICS**

A basic introduction to global ceramic artistic traditions as well as clay forming techniques, processes and materials. The course introduces the elements of art and three dimensional form with an emphasis on hand building work and an understanding of historical and traditional ceramic forms and surface decoration. Students will explore processes in handbuilding, sculpture, function, as well as ceramic surface and firing. Assignments also require students to work independently outside of class hours and research contemporary ceramic artists. They will also participate in art, artist lectures and gallery visits. Demonstration, critique and focused studio practice are primary methods of instruction.

**ART 226** [4 CR]

**MIXED MEDIA SCULPTURE**

This course allows students to conduct a personal and focused exploration on means of artistic expression not covered by the regular sculpture curriculum. It

will encourage students to research unconventional and traditionally underrepresented (outsider, self-taught, naïve) artists who have utilized non-traditional materials (mixed-media) in the creation of works of art that address themes, genres and points-of-view that have enriched humankind's search for meaning and self-expression. The class will focus on completing a number of original works of art determined in consultation with the class instructor. Prerequisite: ART 224.

**ART 230 [4 CR, CORE: EI]**  
**BEGINNING PRINTMAKING**

This course is an introduction to a variety of basic printmaking processes and equipment. Techniques may include monotypes, intaglio and relief. Multiple original images are produced. Assignments require students to work independently in the print shop outside of class hours. Previous enrollment in ART 130 or ART 131 is strongly encouraged. Fall semester.

**ART 235 [4 CR]**  
**COMPUTER GRAPHICS**

An introduction to various graphic applications on the Macintosh platform: Modern graphic design history, layout, electronic illustration and photographic manipulation are covered in this course. Prerequisite: ART 130 and ART 131 or consent of instructor.

**ART 240 [4 CR, CORE: EI]**  
**INTRODUCTORY PAINTING**

Introduction to painting materials and techniques with an emphasis on direct painting methods and painting from observation. Students will investigate color, form and composition. Demonstration, critique and focused studio practice are primary methods of instruction. Fall semester.

**ART 280 [4 CR]**  
**INTRODUCTION TO PHOTOGRAPHY AND DIGITAL IMAGING**

Introduction to Photography is an introductory course on digital photography. The course will cover the basics of image acquisition, image manipulation, and the final work will be output for critique. The course will progress as an exploration of photography tools, software, and aesthetics specific to digital photography. The course will provide essential foundational skills required for a career in photography. This course introduces students to the history of photography as well as the techniques of contemporary digital photography. Previous enrollment in ART 130 or ART 131 is strongly encouraged.

**ART 285 [4 CR, CORE: IS]**  
**ART IN A DEMOCRATIC SOCIETY**

This course explores the role of art in a democratic society through a combination of individual and collaborative project development, community engagement, and research and reflection on various related topics and concepts. Recently, an increasing number of artists, curators, critics, and arts administrators have begun to turn their energies toward a new type of participatory social practice art that seeks to bring about positive change within a contemporary society confronted by complex issues and challenges on many fronts. To understand our role as citizens in a democracy, we will explore the work of artists who critically, creatively, and reflectively examine ideas and forms of democracy. Through a combination of readings, reflections, and discussions of democratic theory, contemporary art, and art history, as well as a class community engagement component and individual and class collaborative art projects, this course will familiarize students with the theory and practice of democracy through the emerging field of social practice art.

**ART 303 [4 CR]**  
**ILLUSTRATION**

This hybrid course introduces upper-level art students to the field of illustration with an emphasis on creative problem-solving, visual storytelling, collaborative critique, and professional communication. Students will be expected to integrate basic design principles with drawing skills to produce complex visual solutions to problems posed. All students must work independently on projects and share both work-in-progress and finished work online. Reliable access to the internet is required for this course. Prerequisite: ART 130 and ART 230 or ART 240. Spring, odd-numbered years.

**ART 310 [4 CR, ADV CORE: BB]**  
**GLOBAL ART HISTORY**

This course is a lecture and discussion based course with a student research component, that will explore non-Western art and architecture from a cultural, religious and historical perspective. The thematic organization of the course will allow students to make connections between the spread of religions, cultural values, conquest, trade and the expression of these elements in artistic traditions. The course will explore the arts of Asia, Africa, the Americas and the Middle East with an emphasis on art as the fluid expression of culture. Non-Western canonical works in art, sculpture and architecture will be highlighted, as the course will cover major works from these four major regions of the world. Through readings,

discussion, research and presentations students will gain the ability to recognize, analyze and interpret non-Western Art.

**ART 324** [4 CR, ADV CORE: EI]  
**INTERMEDIATE SCULPTURE**

A focused exploration of sculptural techniques and strategies with an emphasis on mold making, casting and forming with plastic materials. More in-depth use of tools and technical processes as well as a special emphasis on the development of personal statements and interest. In addition to demonstration, critique and studio practice, student presentations, artist research and discussions are also modes of instruction. Prerequisite: ART 224.

**ART 330** [4 CR, ADV CORE: EI]  
**INTERMEDIATE PRINTMAKING**

This is an intensified printmaking course with an emphasis on building multi-layered and more complex images. Techniques may include photo-serigraphy, intaglio, relief and book arts. Assignments require students to work independently in the print shop outside of class hours. Prerequisite: ART 230.

**ART 335** [4 CR]  
**ADVERTISING DESIGN**

An introduction to problem solving and the basic elements of graphic design. Emphasis is placed on the development of concepts and skills in the layout of typography, illustration and photography. Prerequisite: ART 235.

**ART 337** [4 CR, ADV CORE: WT]  
**WINTER IN ROME: ART IN CONTEXT**

This course will explore Rome as a living museum of important western intellectual and artistic traditions with foundations in antiquity. Students will engage with Renaissance and Baroque architecture, art and intellectual works in context, as well as antiquity, including Roman architectural sites, sculpture and objects. Western artistic traditions, the influence of patronage and influences on contemporary ideas will be discussed alongside the works. Visits will include, Roman sites, churches, Roman and Vatican museums and contemporary art museums. Some sites relevant to the topic outside of Rome will be visited for short trips. Students will be able to respond to these experiences with studio works in clay, rubbings and impressions, sketchbook diaries and blogposts. January term, alternate years.

**ART 340** [4 CR, ADV CORE: EI]  
**INTERMEDIATE PAINTING**

Along with continued development of the methods

and techniques explored in ART 240, students investigate indirect painting methods and contemporary painting practices and theory. Traditional and contemporary approaches to painting the human figure are introduced and students develop independent projects and individual artist statements. Prerequisite: ART 240.

**ART 342** [2 CR]  
**STUDENT DESIGN CENTER**

In this practical course, students work collaboratively with a faculty mentor to create design products in response to the needs of our campus clients. Prerequisite: ART 130 and ART 235. Fall semester.

**ART 351** [2 CR]  
**CERAMIC STUDIO**

This course is geared for students with ongoing interest in continuous development in ceramic processes and participation in a community studio environment. The emphasis is on individual student research in creative work and further development of technical skills related to that research. Students will create a brief proposal and timeline for the semester. Proposed work can be hand built or wheel thrown ceramic work. Students will receive technical instruction in basic clay and glaze calculation and mixing, kiln loading, firing and studio maintenance. They will also have responsibility for two aspects of the community studio management such as maintaining a shop glaze or slip, loading or unloading kilns and keeping the space in order. Students will meet once a week with the instructor for demonstrations on technical process and materials and group discussions of in-process and finished work. Prerequisite: ART 225.

**ART 355** [4 CR]  
**ALL THINGS TYPOGRAPHY**

A general introductory survey of typography. This will include terminology, history, and theory through the exploration of letter forms and word compositions using digital technologies and analog processes. The students will apply their knowledge while considering theory, history, and principles of design to four projects. Specific projects include a typographic history poster, a magazine cover combined with an editorial spread, an environmental typographic design application and creation of an alphabet with found typography. Prerequisite: ART 235. Spring semester, odd-numbered years.

**ART 366** [4 CR, ADV CORE: IS]  
**ART AND CREATIVE DEMOCRACY**

This course explores the idea of art and creative democracy through a combination of individual and

collaborative research, project development, community engagement, and reflection on various related topics and concepts embedded in the course. Recently, an increasing number of artists, curators, critics, and arts administrators have begun to turn their energies toward a new type of participatory social practice art that seeks to bring about positive change within a contemporary society confronted by complex issues and challenges on many fronts. To understand our role as citizens in a democracy, we will research the work of artists who critically or creatively examine ideas and forms of democracy. Through a combination of readings, reflections, and research in contemporary art and art history, as well as a class community engagement component, this course will familiarize students with the theory and practice of creative democracy through the emerging field of social practice art and its interdisciplinary, research-based, community-engaged methods.

**ART/WMGS 375 [4 CR, ADV CORE: DD]  
RACE, GENDER AND CONTEMPORARY ART**

A survey of how artists explore and express personal identity, unique bias and social marginalization and how contemporary art reflects society's evolving and changing attitudes toward matters of life, love and death.

**ART 380 [4 CR]  
CONTEMPORARY PHOTOGRAPHIC STRATEGIES**

A studio-based photography course exploring the strategies, techniques and approaches in contemporary fine art photography. The main objectives of the course are increasing control of the photographic process and increasing sophistication in developing projects from their initial intent to their desired outcome within the context of contemporary fine art photographic strategies. A DSLR camera is required. Prerequisite: ART 280.

**ART 389 [4 CR]  
SPECIAL TOPICS**

An in-depth study of an artistic issue of special interest. ART 389 may focus on one or more art forms, an artistic movement or comparison of movements, or a theme. Students are challenged to evaluate trends in historical and contemporary art production as it relates to their own art making. Prerequisites: ART 110, ART 130, ART 131 and ART 134.

**ART 424 [4 CR, ADV CORE: EI]  
ADVANCED SCULPTURE**

In this advanced course, students pursue individual courses of study through the creation of an overall proposal and timeline for the semester with an

emphasis on artistic research, interests and ideas. Students should demonstrate the ability to create cohesive, thematic bodies of work for exhibition and that they can work independently. Prerequisite: ART 324.

**ART 425 [4 CR]  
POTTERY AND FUNCTIONAL FORMS**

This course is an investigation of clay forming processes and is focused on wheel formed functional pottery. Students will work in series to build skill and become competent in wheel forming techniques including throwing, trimming, handle forming and introducing measuring and fitting forms. Students will finish, glaze and decorate their work. In addition they will explore concepts of function and design as well as create their own final statement in functional forms.

**ART 430 [4 CR, ADV CORE: EI]  
ADVANCED PRINTMAKING**

This course is an upper-level printmaking course with student-proposed independent projects. Students are expected to demonstrate greater independence in working and to produce more thematically consistent bodies of work for a final exhibition. Assignments require students to work independently in the print shop outside of class hours. Prerequisite: ART 330.

**ART 440 [4 CR, ADV CORE: EI]  
ADVANCED PAINTING**

Under the guidance of the instructor, students pursue individual courses of study. Through a concrete synthesis of content development and technical skill, each student creates a cohesive body of paintings. Emphasis is placed on the articulation of art process, content and philosophy. Prerequisite: ART 340.

**ART 460 [4 CR]  
DIGITAL STUDIO**

This fine-arts digital-studio course explores the impact of digital technologies on contemporary art practice. The digital medium will be used to investigate the relationship between art and technology, and the application of digital processes within contemporary art practice. Through lectures, screenings, readings, discussions, and the development of projects utilizing a variety of digital tools the digital medium will be explored from concept through project development and final realization. Theory and history relating to technology and art are explored and discussed.

**ART 480 [4 CR]**  
**ADVANCED STUDIO**

Advanced Studio is an intensive guided independent studio course that builds upon skills and strategies introduced throughout previous studio coursework. This course will include guided independent production and research in studio practice, art or design history, and critical theory. Students will develop a number of independent projects and will be expected to complete a major research project in relation to their studio productions. The research project will include art historical and theoretical inquiry relating to their studio-based work.

**ART 485 [4 CR]**  
**DESIGN FOR THE WEB**

This studio course explores web site design and production. It includes preparing web graphics, designing and assembling web pages, and publication of web sites. The main focus is to put together an online portfolio that represents the student and their career objectives. It covers terminology and current topics associated with the Internet, web design and web publishing. Prerequisite: ART 235.

**ART 490 [4 CR]**  
**INDEPENDENT STUDY**

Specially qualified students under the guidance of an instructor may study various aspects of art. Note: this course may not be used to replace the 400 level studio requirement. Prerequisites: instructor consent and approval by the dean of visual and performing arts.

**ART 494 [4 CR]**  
**INTERNSHIP**

This internship experience allows students to apply their studies in a supervised work situation. Students benefit from an inside look at different kinds of corporations and agencies, a chance to work in their field of study, and to gain experience with projects and technologies that reflect the applied sector. Prerequisites: junior/senior standing and instructor consent.

**ART 499 [2 CR]**  
**SENIOR ART CAPSTONE**  
**(REQUIRED FOR ALL ART MAJORS)**

Participation in a student exhibition during the final semester in the year of anticipated graduation. Students refine recent and in-progress work developed in ART 480 in preparation for the Senior Art Exhibition, the culminating experience of the art major. This process includes critiques, individual meetings and the physical preparation for the

installation of artworks in the Bush Art Center Galleries. Students will also upload finished capstone materials for the digital archive. Required for all ART Majors. Course graded on an S/U basis. Prerequisite: ART 480.

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## **B**

### **BIOLOGY [BIOL]**

**BIOL 105 [4 CR, CORE: PN]**  
**HUMAN BIOLOGY AND SOCIETY**

Human biology includes discussion and study of selected topics in biology of particular relevance to humans and to human health and disease. Topics include the biology of human cells and selected organ systems; exercise physiology; cancer biology, early detection and prevention; genetics and genetic diseases; cardiovascular disease; the immune system and immunologic diseases such as AIDS; human nutrition and nutritional effects; and microbial human diseases. Each unit of study will include references to human evolution, human impact on society and the environment, and how each of these factors has played a role in shaping human health and the health care system. Laboratories will include the application of experimental methods and techniques for understanding the relationship between cell structure and function; exploration into human health; and the effect of humans on the environment.

**BIOL 106 [4 CR, CORE: PN]**  
**HUMANS AND THE ENVIRONMENT**

This course is an introduction to cell- and systems-level biology in humans and other animals that will allow students to understand how our activity affects our own biology and that of other organisms, with a focus on topics such as sustainability, environmental protection, and social responsibility in the face of advancing science relating to advances in manufacturing, medicine/pharmaceuticals and genetic engineering.

**BIOL 107 [4 CR, CORE: WT]**  
**HUMAN EVOLUTION, EXTINCTION AND SCIENTIFIC THINKING**

This is a problem-oriented course focusing on human evolution and variation. It includes a consideration of the interaction between biological and cultural factors in human evolution and a critical examination of theories of evolutionary changes from a paleontological perspective. It provides a detailed examination of human evolution through a discussion of the fossil record, associated archaeological

material (such as stone tool technology and rock art), and the theories used to explain this evidence. The course will provide a broad overview of these important topics. Other topics such as hominin dispersals, the origin of modern humans and prehistoric colonization will be treated in greater detail. There will be laboratory sessions examining, describing and discussing hominin skeletal material and associated archaeological evidence.

**BIOL 108** [4 CR, CORE: PN]

**BIODIVERSITY**

This course is designed to introduce students to the amazing diversity of organisms in our world. Students will discuss how organisms within this diversity survive, function, reproduce, and behave in their natural environment. In addition, students will learn how environmental change, both natural and human-caused, affects diversity. Meanwhile, the class will explore interesting questions scientists ask about diversity. Ultimately, each student will leave this course with an enhanced appreciation for the diversity of life on Earth, an understanding of how this diversity has arisen, an awareness of the effects of humans on diversity, an understanding of how scientists ask and answer questions, and an understanding of the complex interactions that take place within biological communities.

**BIOL 120** [4 CR, CORE: PN]

**INTRODUCTION TO CELL & MOLECULAR BIOLOGY**

A lecture and laboratory study of living systems with particular emphasis on the molecular, cellular, and tissue levels of organization in plants, animals and prokaryotes. Genetic mechanisms and aspects of development are included. Students will build foundational knowledge in biology by exploring the integration of the natural sciences into the functioning of living systems. Fall semester.

Note: BIOL 120 and BIOL 121 are considered an introductory sequence for biology majors in both the biomedical and organismal concentrations in biology and are recommended for pre-professional students who desire an emphasis in biological sciences.

**BIOL 121** [4 CR]

**INTRODUCTION TO ORGANISMAL BIOLOGY**

A lecture and laboratory study of living organisms with emphasis on heterotrophic protists, plants, fungi and animals. Evolutionary theory and processes, morphology, taxonomy, physiology, ecology and diversity are covered in detail. Prerequisite: BIOL 120. Spring semester.

Note: BIOL 120 and BIOL 121 are considered an introductory sequence for biology majors in both the

biomedical and organismal concentrations in biology and are recommended for pre-professional students who desire an emphasis in biological sciences.

**BIOL 201** [4 CR]

**BOTANY**

A lecture and laboratory course that concentrates on the study of plant structure and function. Topics discussed include plant growth and development, metabolism, reproduction, and response to the environment. The principles of plant biotechnology are also introduced. Lectures emphasize plant physiology while lab exercises concentrate on plant morphology and structure (gross and microscopic examinations). Labs include some plant physiology and tissue culture experiences, introduction to taxonomy, and the major plant groups. Prerequisite: BIOL 120 and BIOL 121. Fall semester.

**BIOL 215** [4 CR]

**HUMAN ANATOMY AND PHYSIOLOGY  
(NURSING STUDENTS ONLY)**

A lecture and laboratory study of the structure and function of human cells, tissues, organs and body systems, designed for BCON nursing program students. The lecture portion of the course will emphasize the functions of and interactions amongst components of each level of organization in normal and diseased states. Laboratory sessions will concentrate on anatomical terminology, the histology and gross anatomy of tissues, organs and organ systems including human cadaver dissection and some measurement of physiological variables in human subjects across these systems. Prerequisite: BIOL 120.

**BIOL 216** [4 CR]

**HUMAN ANATOMY AND PHYSIOLOGY 1**

A lecture and laboratory course that examines human cells, tissues, and organs using a body systems approach. Emphasis is placed on the relationship between structure and function across molecular to whole-organism levels of organization. Laboratory sessions include the study of anatomical models, animal dissection, cadaver prosection, and measurement of physiological variables in human subjects. The first of a two-semester sequence, Anatomy and Physiology I focuses on anatomical terminology, cell properties, histology, and the integumentary, skeletal, muscular and nervous systems. Prerequisite: CD or better in BIOL 120. Fall semester.

**BIOL 217 [4 CR]**  
**HUMAN ANATOMY AND PHYSIOLOGY 2**

A lecture and laboratory course that examines human cells, tissues, and organs using a body systems approach. Emphasis is placed on the relationship between structure and function across molecular to whole-organism levels of organization. Laboratory sessions include the study of anatomical models, animal dissection, cadaver prosection, and measurement of physiological variables in human subjects. The second of a two-semester sequence, Anatomy and Physiology II focuses on the cardiovascular, endocrine, renal, reproductive, and respiratory systems. Prerequisite: CD or better in BIOL 216. Spring semester.

**BIOL 220 [4 CR]**  
**COMPARATIVE VERTEBRATE ANATOMY**

A lecture and laboratory course that includes a comparative study of vertebrate morphology with an emphasis on the functional significance of structure. A combination of systemic and evolutionary approaches is used, beginning with an overview, principles of evolution and basic developmental biology. Laboratories involve dissecting representative organisms from the major vertebrate groups and studying skeletal preparations. Prerequisite: BIOL 121. Fall or spring semester.

**BIOL 228 [4 CR]**  
**ECOLOGY**

A lecture and laboratory course on the relationships of organisms to one another and to their biotic and physical environment. Topics covered include physiological, population, community, ecosystem, geographic and global ecology. Field trips and laboratory work provide firsthand knowledge of organisms and their ecological significance in the De Pere area. Prerequisite: grade of "C" or better in BIOL 121. Required for biology majors in the Organismal Biology concentration. Fall semester.

**BIOL 244 [4 CR]**  
**GENETICS**  
**(REQUIRED FOR ALL BIOLOGY MAJORS)**

A lecture and laboratory course demonstrating the basic principles of gene structure, gene action and gene transmission as found in various organisms. Topics covered include DNA structure, replication, transcription and translation, recombinant DNA technology, transmission genetics, quantitative genetics, population genetics, bacterial genetics and genome structure. Laboratory exercises include DNA electrophoresis, PCR, bacterial transformation and inheritance in both *Drosophila* and plants.

Prerequisites: grade of C or better in BIOL 120, BIOL 121.

**BIOL 250 [4 CR]**  
**INTRODUCTORY MICROBIOLOGY**  
**(NURSING STUDENTS ONLY)**

A lecture and laboratory course designed for students in the BCON nursing program dealing with the basics of microorganisms including bacteria, viruses and fungi. Topics covered include bacterial structure and function, metabolism, basic molecular biology, and the essentials of the host-microbe interaction. An emphasis is placed on aspects of microbiology important to the allied health professions. Laboratory work focuses on the culture, staining and identification of bacteria. Prerequisite: BIOL 120.

**BIOL 310 [4 CR]**  
**TROPICAL BIOLOGY**

A lecture and laboratory course designed to provide a sound foundation in ecological concepts and biology of tropical ecosystems around the world. The ecosystems to be studied include tropical dry forests, cloud forests, savannas, mangroves and coral reefs, but special emphasis will be placed on tropical rain forests. Nutrient cycles, production, trophic interactions, plant/animal interactions, biodiversity and conservation biology are discussed. Prerequisite: BIOL 121 or instructor consent.

**BIOL 315 [4 CR]**  
**ANIMAL BEHAVIOR**

A lecture, laboratory, and discussion course that examines the principles of animal behavior. Using examples from countless species, the following topics will be explored: animal communication, anti-predator behavior, learning, foraging behaviors, cultural transmission, mate choice and mating systems, cooperation, aggression and territoriality, migration, play, and the evolution of these behaviors. The laboratory exercises for this course will consist of observation, data collection, and the presentation of techniques to assess behavior in the field and the lab. Prerequisites: BIOL 120 and BIOL 121. Fall, even-numbered years.

**BIOL 320 [4 CR]**  
**HUMAN ANATOMY AND HISTOLOGY**

A lecture and laboratory study of the gross anatomy and microscopic anatomy of the human body. The course uses a regional approach with emphasis on the upper limb, thorax, abdomen, pelvis, lower limb and brain. Students learn to identify muscles, nerves, vessels, organs and tissues of the human body. The laboratories involve cadaver dissections and light microscopy. One-third of the course includes

information/laboratory work emphasizing human histology. Recommended for pre-professional students interested in health-related professions and students interested in medical illustration.

Prerequisites: grade of “B” or better in BIOL 220, BIOL 372 and instructor consent. Spring semester.

**BIOL 325 [4 CR]**  
**DEVELOPMENTAL BIOLOGY**

A lecture and laboratory course covering fundamental concepts and mechanisms of animal development. Students explore the underlying cellular and molecular basis for embryonic development and the role of various determinants, factors, and other biomolecules in cell movement, migration, differentiation and orientation. Developmental model systems (frog, chick, zebra fish, mouse, *C. elegans*, *Drosophila*) are used to explain both the commonality as well as the diversity of development. Labs combine classical embryology, observation of live animals and basic molecular techniques in development. Prerequisite: grade of C or better in BIOL 244.

**BIOL 338 [4 CR]**  
**LIMNOLOGY**

A lecture and laboratory course dealing with the physical, chemical and biological aspects of freshwater ecosystems and the interrelationships of organisms in these habitats. Field trips and laboratory experiences provide firsthand knowledge of aquatic organisms and their ecological significance. Prerequisite: BIOL 228. Fall semester, alternate years.

**BIOL 350 [4 CR]**  
**MICROBIOLOGY**

A lecture and laboratory course dealing with the study of bacteria, viruses, eukaryotic microbes, and acellular infectious agents. Cell structure, genetics, metabolism, evolution, and ecology will be themes emphasized throughout the course, and other topics such as microbe cultivation, symbioses, pathogenesis, epidemiology, and practical applications for microorganisms will also be included. The laboratory will establish sterile technique and safe handling of microbes, and will focus on the isolation, detection, cultivation, and characterization of bacterial species. Prerequisite: grade of C or better in BIOL 244.

**BIOL 353 [4 CR]**  
**BIOTECHNOLOGY IN A GLOBAL SOCIETY**

A lecture and discussion course that deals with advances and application of biotechnology in the context of the entire living world, both the society of human beings and the larger, living environment.

Due in large part to the ability to clone genes, as well as many plants and animals, and to genetically engineer these organisms (perhaps even humans), biotechnology is revolutionizing both the means and pace of our intervention in the global community. Students become aware of the techniques and advances of biotechnology and are better prepared to make informed decisions about their application. This course also provides students with the necessary scientific background to understand the ethical problems posed by biotechnology. Infrequently offered.

**BIOL 360 [4 CR]**  
**MEDICAL MICROBIOLOGY**

A lecture and laboratory course dealing with the interaction between microbial pathogens and human hosts. A variety of bacterial, viral, and/or mycological or other eukaryotic pathogens will be examined in terms of their mechanisms of disease production and spread, interaction with the immune system, available treatments, and impact on human society. Diseases of historical importance as well as present day diseases will be included. Labs require prior mastery of standard microbiological culture and handling techniques and may include an experimental component. Prerequisites: grade of C or better in BIOL 244 and BIOL 350, CHEM 220.

**BIOL 361 [4 CR]**  
**VIROLOGY**

A lecture and laboratory course dealing with the study of bacterial and animal viruses. Themes include structure and pathogenicity of viruses, vaccination, and emerging viruses. In addition, a special topic relating to recent scientific findings will be chosen on a yearly basis. Labs include preparation of media, isolation and detection of viruses, and cultivation of and characterizing viruses. Prerequisite: grade of “C” or better in BIOL 244.

**BIOL 365 [4 CR]**  
**IMMUNOLOGY**

A lecture and laboratory course dealing with the immune response of vertebrates with special emphasis on mammalian systems. The development and anatomy of the immune system, as well as the various cellular components (leukocytes) and proteins (cytokines, antibodies, complement proteins) are studied in detail. Topics covered include antigen presentation, T and B cell function, immunoglobulin structure and function, innate and acquired immune responses, granulocyte mediated responses, immunity to pathogens, various forms of hypersensitivity including allergies and autoimmune diseases, and applied topics such as transplantation immunity. Labs

deal with induction and measurement of an immune response. Prerequisite: grade of “C” or better in BIOL 244.

**BIOL 368 [4 CR]**

**PARASITOLOGY**

A lecture and laboratory course dealing with eukaryotic disease-causing organisms, with special emphasis on pathogens of medical and veterinary significance. It deals with important human diseases including malaria, sleeping sickness, Leishmaniasis, as well as roundworm, tapeworm, fluke and arthropod diseases. The morphology, physiology, pathology and immunology of the various parasitic diseases are considered in detail. Labs emphasize morphology and diagnostics (morphological and molecular) and may include an experimental component. Prerequisites: BIOL 121 and BIOL 244.

**BIOL 371 [4 CR]**

**CELLULAR PHYSIOLOGY**

A lecture and laboratory course concentrating on the structure and function of the eukaryotic cell. Topics covered include membrane structure and function, post-translational processing and transport of proteins, cell adhesion and communication, signal transduction pathways, the control of the cell cycle (cancer), and the tools/methods used in cellular-level studies. The laboratory component of the course involves the maintenance and use of cancer cell lines in guided laboratory exercises and an independent research project. Laboratory work will require some student availability outside of regularly scheduled laboratory time. Prerequisites: BIOL 120, BIOL 244 and CHEM 220.

**BIOL 372 [4 CR]**

**SYSTEMIC PHYSIOLOGY**

A lecture and laboratory course concentrating on the function of organ systems and their role in the entire organism. Emphasis is placed on integration and control mechanisms. Topics covered include neurophysiology, cardiovascular, respiratory, renal and muscle physiology. Prerequisites: BIOL 121, BIOL 220, CHEM 220.

**BIOL 373 [4 CR]**

**MOLECULAR BIOLOGY**

A lecture and laboratory course focusing on the organization and function of genes in prokaryotes and eukaryotes. Topics discussed include DNA structure, organization, replication, transcription and control of gene expression. Prerequisite: grade of C or better in BIOL 244. Spring semester.

**BIOL 375 [4 CR]**

**THE BIOLOGY OF THE CANCER CELL**

This course will present the basic cell and molecular biology of cancer cells. The roles of signal transduction pathways, chemical carcinogens, oncogenes and viruses in carcinogenesis will be discussed. The processes of apoptosis, angiogenesis and metastasis will also be covered. Strategies and mechanisms of cancer treatment will be introduced. The laboratory component of the course will involve the maintenance and use of cancer cell lines in guided laboratory exercises and an independent research project. Laboratory work will require some student availability outside of regularly scheduled laboratory time. Prerequisite: grade of “C” or better in BIOL 244.

**BIOL 385 [4 CR]**

**ENDOCRINOLOGY**

A lecture and laboratory course on hormones, the mechanisms by which hormones control cellular function, and the interactions among the endocrine and other body systems, especially the digestive and reproductive systems. Prerequisite: BIOL 372. Fall semester.

**BIOL 386 [4 CR]**

**NEUROSCIENCE**

A lecture, laboratory and discussion course on the scientific study of the nervous system. Topics covered include a history of the field, nerve, and glial cell physiology, the evolution of neurotransmission, learning, and memory especially relating to sensitive periods, sexual differentiation of the nervous system, and nervous system disorders. Laboratory exercises will focus on histological techniques, immunohistochemical localization of components of neuroendocrine systems, neuroanatomy and gene expression patterns in rodents, and stereotaxic surgery. Current articles from the primary literature as well as those seminal to the field of neuroscience will be discussed. Prerequisites: BIOL 120 and BIOL 121. BIOL 372 preferred. J-term or summer sessions.

**BIOL 388 [4 CR]**

**MAMMALOLOGY**

A study of mammals with emphasis on principles of mammalian ecology, conservation and biodiversity. Topics include characteristics of mammals, classification, natural history, ecology, biodiversity, conservation and techniques in field study. Special emphasis will be given to mammals residing in Northeastern Wisconsin. Prerequisite: BIOL 121.

**BIOL 390 [4 CR]****ICHTHYOLOGY**

A lecture and laboratory course on the classification, morphology, physiology and ecology of fish. Laboratory activities include individual student projects and the collection and identification of Wisconsin fish. Prerequisites: BIOL 121 and BIOL 228.

**BIOL 410 [4 CR]****DISEASE ECOLOGY**

A lecture, laboratory, and discussion course on the scientific study of disease ecology with an emphasis on the One Health initiative. This course will focus on ecological and evolutionary processes that drive the transmission of pathogens between hosts; the impact of disease on host populations; and what causes the emergence of an infectious disease. Content will incorporate concepts from a wide range of subjects (e.g. microbiology, genetics, virology, ecology, animal behavior... etc.) to examine both wildlife and human diseases such as Zika, Ebola, influenza, malaria, white nose syndrome, Lyme disease, HIV, chytrid fungus, chronic wasting disease, and many others. Prerequisites: BIOL 120 and BIOL 121; BIOL 244 preferred. J-term.

**BIOL 428 [4 CR]****ADVANCED ECOLOGY**

A course involving an original student laboratory and/or field investigation of an ecological or related problem, under faculty supervision, culminating in a final research thesis. Prerequisites: BIOL 228 and instructor consent.

**BIOL 430 [4 CR]****PALEOBIOLOGY**

A lecture and laboratory course exploring the evolutionary history of invertebrates and vertebrates by studying fossils and geology. Prerequisite: BIOL 121 or EARTH 105. Alternate years.

**BIOL 460 [4 CR]****BIOLOGY SEMINAR**

An in-depth study of biologically oriented topics in an area not usually covered by scheduled courses. Emphasis will be on current literature with student independent study and presentations. Prerequisites: BIOL 244 and instructor consent.

**BIOL 489 [4 CR]****SPECIAL TOPICS**

A course designed for group study of subject matter of special interest. The organization, methodology, and objective of the course will be determined by the

instructor and may include a laboratory experience. Prerequisite: junior and senior biology majors or instructor consent.

**BIOL 490 [4 CR]****INDEPENDENT STUDY**

A course that allows students to pursue an area of study on an individual basis with consultation and evaluation. The methodology and objective will be mutually agreed upon by a faculty member and the student. Prerequisites: junior and senior biology majors, instructor consent, and approval of the dean of natural sciences.

**BIOL 492 [4 CR]****DIRECTED RESEARCH**

A course that allows a student to conduct research under the direction of a faculty member, usually as a continuation of BIOL 490. Prerequisites: junior standing, instructor consent and approval of the dean of natural sciences.

**BIOL 494****INTERNSHIP**

This internship experience allows students to apply their studies in a supervised work situation. Students benefit from an inside look at different kinds of organizations, a chance to work in their field of study, and gain experience with state-of-the-art equipment and practices. Prerequisite: junior/senior standing.

**BIOL 496 [4 CR]****RESEARCH AND THESIS**

Original student laboratory and/or field research of a biological problem under faculty supervision, culminating in a bachelor's thesis when approved. The student interested in research will seek a staff member willing to direct the work and to chair the student's faculty committee. The student will submit to the prospective research director a written proposal of the project. The staff member then forms a committee with two other faculty members to consider the student's research proposal and the merit of research accomplished, to approve the preparation of a thesis, and to recommend acceptance of the thesis to the discipline (or division, when interdisciplinary).

Approval of the student research proposal should be received no later than the end of the student's junior year. The student will present his or her work in a public forum at a time set by his or her committee. Prerequisites: biology major and instructor consent.

**BIOL 499 [0 CR]**  
**SENIOR ASSESSMENT**

This course consists of a single three-hour session during which students complete standardized tests of knowledge of the major field and/or other measures of the intended learning outcomes of the biology program. The data gathered during the session assists members of the biology faculty in their efforts to monitor and improve the program. Students should register for the assessment as part of their final semester of coursework at the College. (Please note that this course cannot be counted as an upper-level biology course to fulfill concentration requirements). Prerequisites: Senior standing, Biology major.

**BUSINESS ADMINISTRATION [BUAD]**

**FOR DESCRIPTIONS OF ACCT COURSES, SEE SECTION ON ACCOUNTING**

**BUAD 165 [3 CR]**  
**INTRO TO PROJECT MANAGEMENT**

According to a recent study of human resource managers, effective project management is one of the most coveted skills for new hires in the modern economy. This course will introduce you to the power of effective project management through two primary frameworks: waterfall and agile. You will also learn vital project-management concepts that can be applied to a wide range of industries and occupations.

**BUAD 212 [4 CR]**  
**INTRODUCTION TO SPORTS MANAGEMENT**

This course is an introduction to the world of sports and the management of sport organizations. Topics include sports and its importance within American and global societies, sport institutions and its structures, and particularities of the business of sports globally. Discussions center around amateur, professional and collegiate current issues in sports. Fall semester.

**BUAD 214 [4 CR]**  
**EVENT AND VENUE MANAGEMENT**

This course introduces the basics of facility and event management in the sport and entertainment industries. The materials discussed include the different categories of events and venues (both in the United States and abroad), the principles of event management (e.g., planning, managing, implementation), the role of different types of venues, among other topics. The course includes lectures, group discussions, group projects, and audio-visual materials.

**BUAD 215 [4 CR, CORE: IS]**  
**ENTREPRENEURSHIP**

Develop your skills as a passionate, motivated entrepreneur. If you already have an idea that you want to grow, this course can help make that happen. Don't have an idea? You'll learn how to identify opportunities and how to act on them. You will learn how to create and build your venture. You will also discover how your business idea fits into the broader society. This course is based on the theme, "act, learn, build," therefore, classroom meetings are active learning experiences. Students will acquire an understanding of the entrepreneurial process - a process of opportunity recognition, resource gathering, and team building, all driven by business methodologies in idea generation, feasibility analysis, and business plan creation. Fall semester.

**BUAD 228 [4 CR]**  
**ADVANCED STATISTICS FOR BUSINESS AND ECONOMICS**

Introduction to the basic statistical concepts and techniques used to analyze data in business and economics. Covers descriptive and inferential statistics, probability and probability distributions, sampling and estimation, hypothesis testing, regression and correlation analysis, and other selected topics. Includes statistical software applications. Prerequisites: MATH 124 or MATH 128 or MATH 131 or SSCI 224.

**BUAD 230 [4 CR]**  
**ETHICAL LEADERSHIP**

This course examines the fundamental principles and theories that underpin business ethics, and the application of ethical principles and values to decision making within organizations. This course also investigates the impact that individuals, groups, and structures have on organizations. Students will consider how to apply such knowledge toward improving the effectiveness of organizations and the satisfaction of organizational stakeholders. Topics include individual differences, motivation, group dynamics, decision making, and leadership.

**BUAD 232 [2 CR]**  
**INTRODUCTION TO HUMAN RESOURCE MANAGEMENT**

This course provides a basic examination of the human resource function. Participants will examine topic areas including human resource planning, staffing, training and development, performance management, and total rewards and compensation. The course includes readings, lectures, class discussions, and application activities. Prerequisite:

sophomore standing.

**BUAD 233 [2 CR]**

**INTRODUCTION TO OPERATIONS AND SUPPLY CHAIN MANAGEMENT**

This course introduces operations and supply chain management concepts and techniques affecting the quality of goods and services delivered to customers. The course introduces quality management and process improvement concepts while showing how they pertain to all business disciplines and sectors. Operational topics such as capacity management, inventory management and waiting line analysis are also introduced to show how the management of people, materials, equipment and processes affect customer perceptions of quality. The course then concludes with an overview of Supply Chain Management concepts and decisions. Prerequisite: sophomore standing.

**BUAD 234 [3 CR]**

**FORECASTING AND LOGISTICS**

Have you ever wondered how that Amazon package arrived at your door so quickly? Supply chain management is the process by which organizations get us the products we consume, and companies need talented employees to help optimize their supply chain. This course will teach you how to use forecasting techniques to match supply and demand, and how to develop logistics networks that help minimize costs and deliver top customer service. This online class has optional live recitation sessions.

**BUAD 235 [3 CR]**

**SOURCING AND OPERATIONS**

In today's modern economy, something as simple as a razor might be manufactured in multiple countries with each part coming from a different supplier. This course will teach you how businesses manage this increasing complexity behind the scenes through efficient sourcing of suppliers and operations. You will have the opportunity to apply this knowledge by conducting a real-world case study of a product of your choosing. This online class has optional live recitation sessions. Prerequisite: BUAD 234

**BUAD 236 [4 CR]**

**HUMAN RESOURCE MANAGEMENT AND SPORTS**

Like most organizations, the success of any sports team is heavily dependent on the talent and chemistry of their people. To wit, where else but in big-time sports can you see the effects of talent assessment, recruiting, leadership and employee engagement played out, in public, under the spotlight, every day of the year? What players to draft or sign, which ones to develop, which ones to cut loose, and how to build

the right mix of personalities and talent to achieve team goals are the primary concern of all sports franchises. HR and Sports will apply the tools and techniques of human resource management to the context of sports and sports management.

**BUAD 240 [3 CR]**

**HEALTH SYSTEMS OF THE U.S.**

This course is your introduction to the US healthcare system and the practice of healthcare management. You'll learn how the healthcare industry functions and explore the roles and impacts of its various parts. You'll also have the opportunity to compare and contrast the US healthcare system with those of other nations. By the end of this course, you'll know the ins and outs of the American healthcare system. This online class has optional live recitation sessions. Prerequisite: sophomore standing.

**BUAD 256**

**PERSONAL FINANCE**

Introduction to the basic financial and economic decisions made by nearly all individuals and families over the course of a lifetime. Includes some basic keys to investing wisely, purchasing a home, buying the appropriate amount of insurance, obtaining credit, managing your payment account and planning for future financial security. Although open to students majoring in business, this course may not be counted as an advanced requirement in the business administration major. Prerequisites: MATH 128 and sophomore standing. Infrequently offered.

**BUAD 265 [3 CR]**

**PROJECT PLANNING**

Any successful project starts with a plan. This course provides students with a deep understanding of project planning. Projects are a series of tradeoffs between scope, cost, and time, so you'll need to learn how to balance them in order to create a plan which is realistic and achievable. You will also learn how to leverage resources, and how to manage risk, quality, and stakeholder expectations to ensure project success. Prerequisite or co-requisite: BUAD 165.

**BUAD 270 [4 CR]**

**MARKETING CONCEPTS AND ISSUES**

Introduction to marketing as an essential business function. Covers the role of marketing in companies, the marketing mix and its management, and selected platforms such as marketing internationally and on the Internet. Emphasizes responsible decision-making within regard to various constituents. Prerequisite: sophomore standing.

**BUAD 271 [3 CR]**  
**SOCIAL MEDIA MARKETING**

The average consumer spends 2.5 hours per day on social media sites and this course explores how to effectively use social media to move those consumers to action. In order to be a successful marketer, you must be able to plan a campaign that aligns with strategic goals, execute using the appropriate channels and tactics, and measure the success or failure of your efforts. By the end of this course, you will learn how to do just that.

**BUAD 272 [3 CR]**  
**EMAIL MARKETING**

Email marketing is vital to modern businesses and a primary tool in any skilled marketer's toolkit. In this course, you'll learn how to craft successful email marketing campaigns for sales, engagement, and activation. By the end of this course, you'll know how to write emails that drive customers to take desired actions and how to structure campaigns for maximum effect. You'll also build your own marketing campaign. Prerequisite: a lower-level WI course.

**BUAD 273 [3 CR]**  
**VIRAL AND ORGANIC GROWTH**

"Going Viral" is the goal of most web-based marketing content. Companies that generate content that can spread through the internet organically are the most successful in growing their brand. This course will teach you what drives people to share content and how to build content that is shareable and meme-worthy. By the end of this course, you will understand what drives viral sharing and learn how to facilitate it. Prerequisite: sophomore standing.

**BUAD 312 [4 CR, ADV CORE: DD]**  
**WOMEN IN SPORTS**

In this discussion-based course, students are invited to critically evaluate and discuss various topics related to the reality faced by women in sports (e.g., Title IX and what has changed since then for women in sports). We discuss topics related to women's experiences in sport on-the-field, and off-the-field (or the business of sports, such as diversity, equity and inclusion practices). Key ideas related to sports marketing (e.g., endorsements, sponsorships, consumer behavior related to women's sports) are covered. The experiences of women's sports around the world and future challenges related to women's sports are explored as well.

**BUAD 332 [3 CR]**  
**SUPPLY CHAIN IN ACTION**

Everything from the best concert you saw, to your COVID-19 vaccine relies on the existence of effective supply chains. In this course, you'll learn about the application of supply chain systems to vital real-world functions. By the end of this class, you'll have a much better understanding of why supply chain management is vitally important, how it intersects with business, national and global interest, and how supply chains literally save the world. This online class has optional live sessions.

**BUAD 333 [2 CR]**  
**ADVANCED OPERATIONS & SUPPLY CHAIN MANAGEMENT**

This is the second course in a two-course sequence addressing operations and supply chain management. This course focuses on quantitative techniques pertaining to process improvement and supply chain management. Various concepts are also introduced to provide a broader perspective for delivering products or services to customers. Examples of relevant topics include: forecasting, logistics and materials management, facility design and location, project management and control, statistical process control and process capability, simulation, linear programming and the transportation problem modeling.

**BUAD 334 [3 CR]**  
**SUPPLY CHAIN MANAGEMENT**

This course deals with the effective management of resources and activities that produce or deliver the goods and services in manufacturing and service organizations. This includes the effective management of people, materials, equipment, and processes that businesses need to design, produce, and deliver goods and services. Prerequisite: BUAD 233.

**BUAD 335 [3 CR]**  
**SUPPLY CHAIN MANAGEMENT TECHNOLOGIES**

This course covers the major relevant supply chain technologies and systems. In this course you'll survey the systems that enable the supply chain in best-in-class supply chain organizations. Understanding of how information flows throughout the supply chain is critical to managing a supply chain and this will be the main focus in this course. By the end of this course, you will have gained a basic understanding of how supply chain systems work and how they make the supply chain more efficient and effective. Prerequisites: BUAD 234 and BUAD 235.

**BUAD 336 [4 CR]****INTERMEDIATE HUMAN RESOURCE MANAGEMENT**

This course builds upon the foundation of BUAD 232, covering additional areas of the HR function, including HR technology, employment law, union representation and collective bargaining, employee relations, safety and health, and international HR. In addition, students will explore in greater depth a particular HR activity, such as people analytics or total compensation. Prerequisite: BUAD 232; corequisites: BUAD 228 and BUAD 230. Fall semester, odd years.

**BUAD 337 [4 CR]****ORGANIZATIONAL BEHAVIOR**

This course focuses on the micro-level of human behavior in organizations. Topics include individual differences, motivation of individuals and groups, stress, communication, teams, conflict management, leadership and influence processes, the exercise of social power and authority, formal and informal organization, and the social and ethical context of decision-making processes. Prerequisite: BUAD 230 or LEAD 200.

**BUAD 338 [4 CR]****ORGANIZATIONAL CULTURE AND DESIGN**

This course focuses on the macro-level of organizations using a system theory approach. Topics include organizational culture and structural design as they interact with strategic goals, organizational size, the external environment, organizational technology, organizational life cycle, and other contingency variables. Students learn to analyze the culture and design of organizations and to assess their impact on the performance of the organizations. Prerequisite: BUAD 230 or instructor consent. Spring semesters, odd years.

**BUAD 340 [4 CR, ADV CORE: BB]****LEADERSHIP INFLUENCE IN WWI & WWII**

This interdisciplinary Global Seminar Study Abroad course explores leadership influence in Europe during WWI and WWII. Topics include leadership influence as it relates to moral courage, decision making, conflict management, emotional intelligence, psychological stress, followership, power, and propaganda. Students will apply the historical lessons learned to their contemporary lives as individuals and members of organizations and communities. The course includes site visits to museums, memorials, cemeteries, and historical and cultural attractions in Belgium, France, and Germany.

**BUAD 341 [3 CR]****HEALTH DATA & ANALYTICS**

This course will help you understand the process of analyzing patient and other healthcare data to drive change and achieve greater efficiencies in healthcare systems. You'll build the programming and scripting skills (no prior experience needed) you need to analyze and explore data sets. By the end of this course, you'll be able to perform statistical analyses of healthcare data and turn it into actionable information to improve healthcare systems. This online class has optional live recitation sessions. Prerequisite: MATH 128.

**BUAD 342 [3 CR]****HEALTH LAW & ETHICS**

This course is your overview of healthcare law in the United States. You'll learn about the ethical and legal issues that healthcare providers and administrators are confronted with in the modern workforce. By the end of this course, you'll understand how the legal environment shapes the medical profession and how to analyze and respond to a range of ethical and legal issues. This online class has optional live recitation sessions. Prerequisites: BUAD 230, BUAD 390, and PHIL 275.

**BUAD 343 [3 CR]****HEALTHCARE FINANCE**

This course teaches you how to apply concepts of finance and accounting to healthcare. You'll learn how to track and evaluate the financial status of a healthcare organization. Additionally, you'll learn how healthcare systems finance growth, and other projects. By the end of this course, you will be able to analyze issues and trends in healthcare finance and use financial information to support healthcare decision-making. This online class has optional live recitation sessions. Prerequisites: ACCT 205, BUAD 240, and BUAD 350.

**BUAD 344 [3 CR]****HEALTHCARE SERVICE OPERATIONS**

This course is your introduction to healthcare operations. You'll learn about operations and systems management within the context of healthcare systems, how hospital supply chains work, and how to analyze operational processes to improve efficiencies. By the end of this course, you'll know how to evaluate and optimize hospital processes. This online class has optional live recitation sessions. Prerequisites: BUAD 230, BUAD 233, BUAD 240, BUAD 341, MATH 128.

**BUAD 350 [4 CR]**  
**CORPORATE FINANCE**

As an introductory course in finance, this course acquaints students with the fundamental tools and concepts used in financial decision-making and financial management. In addition to an overview of the financial system, this course covers discounted cash flow analysis, financial ratio analysis, security valuation, risk and return, financial forecasting, capital budgeting, capital structure and other selected topics including international dimensions of finance. Prerequisites: ACCT 205; ECON 102; MATH 128 or MATH 221 or SSCI 224.

**BUAD 351 [4 CR]**  
**INVESTMENTS**

This course acquaints students with various types of investments, why individuals invest, and how individuals invest. As such, the intent is to provide the fundamental concepts, theories and techniques of investing in financial assets including stocks, bonds, mutual funds and derivatives. The course also introduces students to the area of portfolio management. The global aspect of investing will also be discussed. This course provides the opportunity for students to experience hands-on investing through managing an online portfolio. Prerequisite: BUAD 350. Fall semester.

**BUAD 352 [4 CR]**  
**FINANCIAL INSTITUTIONS AND MARKETS**

This course will provide a conceptual and practical overview of financial institutions and markets. Students will study the financial management of bank and non-bank financial institutions. Emphasis will be placed on studying the major trends and problems faced by these institutions, both on a national and an international level. Attention will also be given to money and capital markets and to the role and determinants of interest rates. Prerequisite or co-requisite: BUAD 350. Note: Students may not get credit for both BUAD 352 and ECON 390.

**BUAD 354 [4 CR, ADV CORE: BB]**  
**SUSTAINABLE, ENVIRONMENTAL & SOCIAL IMPACT INVESTING**

This interdisciplinary global seminar course will provide a conceptual and practical view of social impact investment. Students will learn about the impact investing landscape in developing countries, especially in East and Southeast Asia. Students will visit the local investment communities and businesses to gain hands-on experience as venture philanthropists. Ultimately, the objective is to allow students to understand the role of a global citizen and

foster the idea of "do good while doing well." J-term or Summer.

**BUAD 355 [2 CR]**  
**ADVANCED FINANCIAL MANAGEMENT**

This course continues and extends the coverage of Corporate Finance. The course covers capital structure, cost of capital, dividend policy, working capital management, and other topics including international dimensions of corporate finance. Prerequisite: BUAD 350.

**BUAD 356 [4 CR]**  
**RISK MANAGEMENT AND INSURANCE**

The course begins with an exploration of the nature, sources, and measurement of risks. The course includes the evaluation of risks and the risk management process; both noninsurance and insurance solutions to the risk management problem are considered. Applications include risks faced by auto owners, homeowners, and individuals in terms of life and health risks. Finally, the course will cover the insurance industry. Students will learn about the various types of insurers, the functions of insurers, and the regulation of the insurance industry. Prerequisite: junior standing.

**BUAD 357 [4 CR]**  
**INSURANCE MARKETS**

This course introduces the operational functions of insurance companies and explores the operational impact of the insurance market and regulatory environments. Key topics addressed in the course include industry structure, regulation, distribution systems, underwriting, insurance pricing, and reinsurance. Combined with current issues in the insurance industry, both personal lines and commercial lines insurance operations are examined. BUAD 357 is registered with the College Study Program of The Institutes and certified by The Chartered Property Casualty Underwriter (CPCU). Spring semester.

**BUAD 359 [2 CR]**  
**PORTFOLIOS AND DERIVATIVES**

This course is a continuation and extension of BUAD 351. This course focuses on how investments such as stocks and bonds are combined together in portfolios. Portfolio theory and practice are covered, including the importance of international aspects of investing. The course also covers derivative securities, especially futures and options and their valuation. Prerequisite: BUAD 351.

**BUAD 360 [4 CR]**  
**SPORTS MARKETING**

An introduction to the increasingly important field of sports marketing and its role in society. Students will interpret and apply basic marketing principles in various sports related fields with the goal of understanding and explaining the importance of marketing in these fields. Prerequisites: BUAD 270.

**BUAD 365 [3 CR]**  
**PROJECT EXECUTION**

In the modern work environment, the project lifecycle always involves unforeseen challenges that require the project manager to make adjustments. Successful project implementation and closure requires conviction and trust in processes and personnel. Both are vital parts of a project's success and indicate how future projects will be managed. This course covers project execution, monitoring / control, implementation / handover, DevOps, and project closure and prepares students for Project Management Practicum and Internship. Prerequisites: BUAD 165 and BUAD 265.

**BUAD 371 [4 CR]**  
**SALES MANAGEMENT**

This course provides an integrated application of management and marketing principles to the corporate selling function. Concepts covered include: demand forecasting, production planning, sales quota and territory assignments, consumer behavior, selling techniques, and sales force recruitment and supervision. Cases provide an integrative policy orientation to this course. Prerequisite: BUAD 270. Alternate years.

**BUAD 372 [4 CR]**  
**MARKETING RESEARCH**

This course provides an introduction to marketing research as an essential marketing function. Covers the options and decisions to be made in finding problems, formulating research models, choosing research designs, collecting and evaluating data, and presenting results. The course consists of two integrated parts — learning about the institutions, tools and methods of marketing research and applying them to a practical research project. Prerequisites: BUAD 270; MATH 128 or SSCI 224 or MATH 221.

**BUAD 374 [4 CR]**  
**MARKETING PROMOTIONS**

Introduction to promotions as an essential marketing function. Study of promotional tools such as advertising, sales promotion, and public relations in

the context of both traditional and electronic platforms. Both the development of promotion strategies and their implementation through various media are covered. Prerequisites: BUAD 270; MATH 128 or SSCI 224 or MATH 221.

**BUAD 375 [4 CR]**  
**CONSUMER BEHAVIOR**

This course concentrates on the psychological and sociological aspects of the marketing function. Topics include motivation, learning and memory, socialization, attitude formation, and lifestyle expression. Prerequisite: BUAD 270, ECON 102.

**BUAD 376 [3 CR]**  
**SEO AND SEM**

How do you find what you're looking for on the internet? Chances are you turn to google or another search engine. Companies use Search Engine Optimization (SEO) and Search Engine Marketing (SEM) to make sure you see them first every time you turn to a search engine. By the end of this course, you'll learn how to optimize a website so that it shows up first on a search, and how to build search ads that will drive customers to your website. Prerequisite: BUAD 270.

**BUAD 386 [4 CR, ADV CORE: WT]**  
**LEADING THROUGH ADVERSITY**

This class in Leading Through Adversity: Historical Case Studies will take an interdisciplinary approach that includes psychology, communication, and management and examine some of the most historic human error case studies. The class will explore scenarios where: leaders and managers must solve significant problems; humans have made critical errors; the role of the individual is vital in solving these problems in various settings; and recommendations need to be made so as to learn from these scenarios and stories. These case studies will explore a variety of areas: societal problems (for example – leadership in the face of challenging societal norms), cultural problems (for example – leadership issues in different cultural contexts), decision making (for example – the biases that cause human error and prevent robust decision making), and understanding how individuals interact (for example – how humans working in groups can cause problems and how we solve them), to name a few. J-term and Summer.

**BUAD 387 [4 CR, ADV CORE: IS]**  
**DECISION MAKING IN DISASTERS**

This class will explore some of the most famous disasters through the lens of human decision-making errors. It will take an interdisciplinary approach that

includes social psychology, communication, and management as we examine some of the most interesting case studies. The class will explore scenarios where: leaders and managers must solve significant problems; humans have made critical errors, the role of the individual is vital in solving these problems in various settings, recommendations need to be made so as to learn from these scenarios and stories. These case studies will explore a variety of applied theoretical areas: resilience in decision making (for example – leadership in the face of extreme crisis), cultural problems (for example – accidents caused by issues in different cultural scenarios), cognitive biases (for example – disasters caused by the unchecked biases that cause human error and prevent robust decision making ), and understanding how individuals interact (for example – how humans work and communicate in groups and how several aviation accidents have been caused by not understanding group dynamics), to name a few.

**BUAD 388 [4 CR, ADV CORE: BB]**  
**INTERNATIONAL MANAGEMENT**

The study of international management is gaining importance as organizations expand their operations globally. This international management class is designed to help students learn the fundamentals of international management strategies and cross-cultural management. Further, throughout the course, students are expected to develop a sense of ease to engage in business in a multicultural business management environment. Spring semester.

**BUAD 390 [4 CR]**  
**BUSINESS LAW**

Students will study basic principles of law as it relates to business. Topics include civil procedure, tort, contract, agency, employment, partnerships and corporations. Prerequisite: junior standing.

**BUAD 400 [4 CR]**  
**LEADERSHIP IN FILM**

This course examines the many ways leaders are portrayed in films and the implications of these portrayals for leadership in practice. Students will analyze and evaluate portrayals of leaders in film using a variety of theories and perspectives, including traditional theories of leadership, personality and leadership, emotional intelligence and leadership, courage and moral leadership, team leadership, transformational leadership, visionary leadership, servant leadership, and gender and leadership. Prerequisite: BUAD 230 or instructor consent.

**BUAD 412 [4 CR]**  
**EXPERIENTIAL CAPSTONE - SPORTS MANAGEMENT**

This capstone experience is designed to prepare students for careers in the dynamic field of sports management. Integrating theory with hands-on experience, the course aims to strengthen students' managerial abilities and administrative skills. Building upon foundational sport management coursework, students will engage in projects or case completions that address contemporary issues in sport and sport management. Prerequisites: BUAD 212, 214, 312, 360; DATA 101; junior or senior standing.

**BUAD 434 [3 CR]**  
**SUPPLY CHAIN MANAGEMENT CAPSTONE**

This course - built in collaboration with corporate advisors - is the culmination of your work as a student of supply chain management. In this course you'll be tasked with creating a series of solutions to actual problems faced by a real-world company in delivering their product to consumers. By the end of this course, you will have built experience in solving real-world supply chain problems and seeing how your solutions compare to the professionals. Prerequisites: BUAD 234 and BUAD 235.

**BUAD 436 [4 CR]**  
**ADVANCED HUMAN RESOURCE MANAGEMENT**

This course is about both the design and execution of human resource management. This course has two central themes: how to think systematically and strategically about aspects of managing the organization's human resources and what really needs to be done to implement these policies to achieve competitive advantage. It adopts the perspective of a general manager and addresses human resource topics including reward systems, performance management, high-performance human resource systems, training and development, recruitment, retention, Equal Employment Opportunity laws, workforce diversity, and union / management relationships from a strategic perspective. Prerequisite: BUAD 336. Spring semester, odd years.

**BUAD 440 [3 CR]**  
**HEALTHCARE STRATEGY CAPSTONE**

This course is the culmination of your work in the Healthcare Administration and Management program. You'll learn to apply strategic thinking to healthcare management and complete a major project in which you propose a systemic change to a hospital or hospital system. By the end of this course, you'll have honed and improved your relevant skills and

created a portfolio project to show future prospective employers. This online class has optional live recitation sessions. Prerequisites: BUAD 240, MATH 228, ACCT 205, ACCT 206, BUAD 341, BUAD 343, and BUAD 344.

**BUAD 465 [3 CR]**

**ADVANCED PROJECT MANAGEMENT - PRACTICUM**

This course is intended as a culmination of a student's work in the Project Management Major. Students will work in groups to manage a simulated project from scope to completion - encountering - and overcoming - challenges and complications along the way. This course will also provide students with an overview of the product life cycle, governance, and other topics to help contextualize project work. Prerequisites: BUAD 165; BUAD 265; BUAD 365.

**BUAD 471 [4 CR]**

**MARKETING MANAGEMENT AND STRATEGY**

This capstone course takes an analytical and a learning-by-doing approach to marketing with particular regard to strategic decisions. It deals with optimizing marketing management decisions by using quantitative tools. Among the issues covered are customer loyalty and relationship marketing, branding, product launch, pricing, promotion budgets, and customer-segment analysis. At the center of the course is the development of a hands-on semester project. Prerequisites: BUAD 228; BUAD 371 or BUAD 374 or BUAD 375.

**BUAD 472 [4 CR]**

**DIGITAL MARKETING ANALYTICS**

Marketing professionals today have access to incredible amounts of data. The ability to use this data is what differentiates successful marketing efforts from failed ones. This course will teach you how to analyze digital customer behavior data using a range of tools and use that data to test marketing hypotheses and improve customer acquisition. Prerequisites: BUAD 270, Data 101 and QR Core; BUAD 271 or BUAD 272 or BUAD 376.

**BUAD 485 [4 CR]**

**STRATEGIC MANAGEMENT SEMINAR**

An integrated approach to strategic decision-making is taken through the use of such activities as case studies, simulations and role-playing. Emphasis is placed on synthesizing the knowledge and skills derived from Accounting, Economics, Finance, Marketing and Management courses. Prerequisites: ACCT 206; BUAD 230; BUAD 232; BUAD 233; BUAD 270; BUAD 350; and senior standing.

**BUAD 486 [4 CR]**

**STRATEGIC SPORTS MANAGEMENT**

This course takes an integrated approach to strategic decision-making through the use of case studies, simulations, and role-playing. Particular focus is placed on strategic decision-making in sports-related organizations. Emphasis is placed on synthesizing the knowledge and skills derived from accounting, economics, finance, marketing and sports management courses. Prerequisites: ACCT 205; BUAD 212, 214, 270; ECON 102; senior standing.

**BUAD 489 [4 CR]**

**SPECIAL TOPICS**

This is a seminar course offered whenever a mutual interest in a more specialized topic in Business Administration exists for a member of the faculty and a sufficient number of students.

**BUAD 490 [2 OR 4 CR]**

**INDEPENDENT STUDY**

Individual study of an approved topic in business under the direction of a business faculty member. Students, together with the faculty member, explore a subject of special and mutual interest. Reading, tutorial discussion and written work are required. Prerequisite: Instructor consent and approval of the Dean of the SSBE.

**BUAD 492**

**DIRECTED RESEARCH**

Qualified students may perform business research projects under the supervision of a business faculty member. Prerequisite: Instructor consent and approval of the Dean of the SSBE.

**BUAD 494 [4 CR]**

**INTERNSHIP**

Appropriate work experience with business firms or government agencies may be undertaken for course credit when directly related to the educational goals of the student. The work done or a description of the field experience is not sufficient for academic credit, there must also be evidence of reflective analysis and interpretation of the experience which relates it to the basic theory in related areas. Students must submit an Internship Course Application to the course instructor to be approved for academic credit before registering for the course. Prerequisite: business or accounting major, instructor approval, junior or senior standing. Note that the summer offering of this course is done online.

## **GRADUATE COURSES**

**(THESE COURSES ARE AVAILABLE ONLY TO GRADUATE STUDENTS)**

### **BUAD 600 [1 CR]**

#### **MBA SPRINGBOARD**

This course will introduce students to SNC's value-based MBA experience and outline the expectations of the program. In addition, students participate in an assessment of their soft skill proficiency and personnel management decision making. Working with the instructor, students develop an Individual Development Plan to focus their path through the MBA program. The instructor will provide feedback and specific tactics to help improve the areas in need of development. Finally, students will be provided an introduction/refresher on the use of spreadsheets to support managerial decision-making. This course is offered twice per year and should be taken as early as possible in the MBA program.

### **BUAD 601 [2 CR]**

#### **MACROECONOMICS FOR BUSINESS MANAGERS**

This course provides students with an introduction to the macroeconomic variables that managers should understand in order to assess changes in the business environment. Further, it examines major models of how the economy functions with the intent of informing managers of how monetary and fiscal policy will impact the overall economy and, in turn, their businesses.

### **BUAD 602 [2 CR]**

#### **MICROECONOMICS FOR BUSINESS MANAGERS**

Microeconomics is the study of individuals, households and firms' behavior in decision making and allocation of resources. This course provides students with an introduction to applied microeconomics for business decision-making. It considers how markets function and how the government may interfere in the market. It also informs how businesses make decisions related to production and cost in the short and long run, and determine prices.

### **BUAD 603 [2 CR]**

#### **PREDICTIVE ANALYTICS WITH REGRESSION ANALYSIS**

This course extends concepts from regression modeling to the core business task of predictive analytics. The course focuses on ordinary least squares and diagnostics, and it may introduce other estimation techniques. Participants are expected to apply these techniques using statistical software packages such as R to make data-driven business decisions.

### **BUAD 604 [2 CR]**

#### **TIME SERIES ANALYSIS**

This course focuses on topics in advanced econometric time series analysis. Topics will include incorporating lags optimally, stationarity and co-integration, simultaneous models, pooling data, and systems of equations. Participants apply these techniques using statistical software packages such as R to make data-driven business decisions.

Prerequisite: BUAD 603.

### **BUAD 606 [2 CR]**

#### **MANAGERIAL ACCOUNTING FOR DECISION MAKERS**

This course applies accounting and finance theories to support primarily internal business decision-making processes. Participants learn how to evaluate various business decisions using relevant quantitative and qualitative statements and reports of managerial accounting information. Prerequisite: BUAD 650.

### **BUAD 610 [2 CR]**

#### **BUSINESS ETHICS AND VALUES-BASED LEADERSHIP**

This course examines the roles played by values and ethics in the many decisions faced by business organizations. Participants examine how their values are determined and how values inform responsible behavior in organizations. Further, the course analyzes the role of firms in promoting sustainability in the communities in which they operate.

### **BUAD 611 [2 CR]**

#### **HUMANISTIC LEADERSHIP**

The changing nature of work in the 21st century is driving "the reconfiguration of jobs to leverage uniquely human skills: empathy, social and emotional intelligence, the ability to set context and define business problems." In addition, in a society where the workforce is increasingly dispersed, diverse and mobile, traditional command and control styles of leadership no longer have the impact that is needed for long-term organizational success.

In this course we will examine the philosophy of Humanistic Leadership; a people-oriented, values driven approach to leadership that centers on enhanced self-awareness, honors human dignity, calls for increased collaboration and trust among stakeholders, and encourages systems thinking to support personal and organizational success.

Topics that will be explored include: Emotional Intelligence, Authentic Confidence, Adaptive Leadership, personal mission and vision, communication styles and listening.

**BUAD 612 [2 CR]****BUILDING INCLUSIVE WORKPLACES**

This course develops an understanding of practices for engaging in diversity, equity and inclusion (DEI) work. Drawing on sociology, history, and women's and gender studies, this course introduces participants to a range of issues related to race, gender, sexuality and other axes of identity. This course offers tools to engage employees in complex conversations around identity, while offering practical tools for creating equitable and inclusive workplaces where a diverse range of professionals can thrive.

**BUAD 615 [2 CR]****ENTREPRENEURSHIP**

This course develops passionate, motivated entrepreneurs. Entrepreneurship is a way of thinking and acting; it is a practice, integrated with theory, that can be learned and applied in any organizational setting. This course helps participants grow already-formed ideas, and those without ideas learn how to identify opportunities and act on them. All participants learn to create and build their ventures and discover how business ideas fit into the broader society. This course is based on the theme "act, learn, build," therefore, class sessions are active learning experiences. Participants acquire an understanding of the entrepreneurial method, a practice of opportunity recognition, resource gathering and team building, all driven by business methodologies in idea generation, feasibility analysis and business plan creation. This course helps participants re-evaluate their own views of entrepreneurship within the framework of entrepreneurial thinking and putting this mindset into action.

**BUAD 616 [2 CR]****COLLABORATIVE INNOVATION AND DESIGN**

This course explores the concept of design thinking, a proven, systematic approach for developing solutions using creative problem-solving techniques. Starting with a foundation of understanding unmet customer needs and then applying a structured framework for innovation, organizations substantially enhance the chances for new products and services success. Participants learn the basic concepts that drive design thinking and people-centric design as well as how to translate unmet needs into ideas and prototypes, analyze the economics of innovation, and apply informed decision making.

**BUAD 628 [2 CR]****FOUNDATION TOOLS FOR BUSINESS ANALYTICS**

This course explores how business analytics combines domain knowledge, statistics, and technology to make data-driven business decisions

for solving business problems. Students are introduced to a 4-step Business Analytic Process involving: getting data, preparing data, analyzing data and communicating results to improve business performance. Online tutorials and exercises apply various tools (spreadsheet, database SQL, Tableau, Power BI and R-Studio) for making data-driven decisions.

**BUAD 629 [2 CR]****BUSINESS STATISTICS AND ANALYSIS**

This course will apply statistical techniques such as summarization, inference, clustering, principal component analysis, and regression to make data-driven business decisions for solving business problems. Students will be expected to apply these techniques using software packages such as Excel, Tableau, Power BI, and R. Prerequisite: BUAD 628.

**BUAD 630 [2 CR]****DATA VISUALIZATION**

In an ever-changing world where business leaders are beginning to rely more and more on data for decision-making, the role of data presentation and visualization are becoming increasingly important. This course helps participants understand how humans process data and information. Participants also will gain a better understanding of data literacy and learn to effectively design visualizations to convey truth and meaning using data-based evidence. This course prepares participants to construct high-quality visualizations via the understanding of different types of data relationships, such as distributions, correlations, time, parts of a whole, spatial mapping and ranking. This is a practical, hands-on course; participants use Tableau and R to construct high-quality visualizations and dashboards to better inform business leaders in the managerial decision-making process.

**BUAD 631 [2 CR]****LEADING PEOPLE AND TEAMS**

Contemporary organizations are increasingly reliant on teams to innovate and implement creative solutions to complex problems. This course is designed to improve participants' effectiveness as leaders by introducing concepts for understanding and leading both individuals and teams in organizations. Participants are exposed to leading-edge research and are given an opportunity to practice some of the principles introduced through discussions and exercises.

**BUAD 632 [2 CR]****MANAGING HUMAN RESOURCES**

This course develops an understanding of how human resource management practices influence

organizational success and how general managers acquire the skills needed in order to successfully manage their people. This course draws on economics, psychology, sociology and legal issues to inform students about job analysis, human resource planning, recruiting, selecting, training, evaluating and compensating employees in order to develop and maintain a highly committed and high-performing workforce.

**BUAD 633 [2 CR]**

**MANAGING OPERATIONS AND SUPPLY CHAINS**

This course focuses on how to use operations and systems to gain strategic advantage. Participants examine transforming inputs into outputs and using information to improve that transformation – the keys to a firm’s success, from manufacturers managing their supply chain to service providers.

**BUAD 637 [2 CR]**

**LEADING CHANGE**

This course prepares innovative leaders for putting fresh ideas to work and to do so responsibly. It examines the skills and tools required to be a transformational leader. Participants explore how successful leaders influence groups, understand behavior, and lead people toward the achievement and realization of the organizational vision. Prerequisite: BUAD 631.

**BUAD 640 [2 CR]**

**BUSINESS COMMUNICATION**

This course is designed to develop the participant's communication skills by applying principles of communication science and the psychology of persuasion in a contemporary business setting. Crafting messages that are not only effective, but also ethical, is of foremost concern in this course. Communication strategies with which leaders can appeal to audiences both internal and external to their organization will be explored. A variety of message forms will be considered and rehearsed, including oral presentations, traditional written discourse, and digital messaging.

**BUAD 641 [2 CR]**

**PROJECT MANAGEMENT**

The dynamic business climate, insufficient employee/champion engagement, and less than stellar project success rate has necessitated updated Project Management practices. This course will offer transformational Project Management concepts essential for today’s fast-paced project economy. We will navigate the necessary soft skills of high-level PM leadership, insights into valuable communication practices, proper identification of all stakeholders, and beneficial decision-making skillsets. Each

graduate candidate will be responsible for developing their own project to learn first-hand about the foundational project framework to increase the likelihood of project success.

**BUAD 650 [2 CR]**

**FINANCIAL VALUATION PRINCIPLES**

This course emphasizes the knowledge, skills and tools necessary for financial decision-making. Topics include the time value of money, the determinants of interest rates, the valuation of financial assets, the risk-return relationship, and the basics of financial planning and capital structure.

**BUAD 651 [2 CR]**

**FINANCIAL MANAGEMENT**

This course provides an overview of the financial management aspects of business organizations, emphasizing case analysis. Topics include evaluation of performance through financial-statement analysis, capital-budgeting analysis, working capital management and dividend policy. Prerequisite: BUAD 650.

**BUAD 670 [2 CR]**

**MARKETING MANAGEMENT**

This course takes a strategic and analytical approach to the study of consumers, products and markets. Attention focuses on the recognition of opportunities, the development of marketing strategies and the design of an effective marketing mix both for consumer and business markets. Work with simulations makes participants aware of the financial impact of marketing strategies.

**BUAD 671 [2 CR]**

**INTEGRATED MARKETING PROMOTIONS**

This course offers a hands-on approach to business models and proposals. The primary work output will be a viable business and promotion plan. Students will work with regional small businesses and charities. Some of these firms may be associated with the Green Bay Packers Protégé-Mentor Program. This advice will be an integration of formal marketing concepts participants have already been exposed to in BUAD 670. Through a combination of class discussion, individual and group work, participants establish an understanding of how a particular firm faced with challenges needs to adapt in order to succeed. This course’s overriding perspective is entrepreneurial and marketing-centric, with participants applying core management concepts from the marketing field, including value-proposition development, target marketing assessment and strategic response. The course is specifically designed for participants who have a keen interest in strategic formulation and in being a contributing

member on a consulting team. Prerequisite: BUAD 670.

**BUAD 685 [4 CR]**

**STRATEGIC MANAGEMENT CAPSTONE**

Managers make significant strategic decisions as part of their jobs as they seek to grow a business. Such decisions may include developing and introducing a new product or process, acquiring another firm, responding to a competitor or to a crisis, forming a strategic alliance, or entering a new market. These decisions are complex and must take all business functions (finance, marketing, management and operations) into consideration. The strategic management process considers the basic direction and goals of an organization, the environment (social, political, technological, economic and global factors), industry and market structure, and organizational resources and capabilities. This course serves as a capstone experience and emphasizes the development and successful implementation of strategy in different types of firms across industries. Case analyses, live business projects and a business simulation are used as learning vehicles. Prerequisites: BUAD 601, 602, 606, 629, 631, 633, 651, and 670.

**BUAD 686 [2 CR]**

**NONPROFIT MANAGEMENT**

This course focuses on the fundamental differences between managing a mission-driven enterprise compared to a profit-driven company. The course begins by exploring the sector - examining what makes nonprofits unique, the history of the nonprofit sector, the theoretical underpinnings for its existence, and its scope and impact on society. In addition, the course will then examine governance and accountability of nonprofit boards, funding challenges, program evaluation, the role of nonprofits in policymaking, and the unique aspects of nonprofit finance. Throughout, students will examine real world examples and review the theories and practices that apply to them. Students will leave the course with a greater awareness of the role of nonprofits in society as well as the essential skills in leading a nonprofit.

**BUAD 689 [2 CR]**

**SPECIAL TOPICS**

This course will cover a variety of timely or specialized business-related topics. As a result, course content varies. Contact the MBA Director for current course descriptions and prerequisites. Students may repeat this course under different topics.

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### CHEMISTRY [CHEM]

**CHEM 100 [4 CR, CORE: PN]**

**APPLICATIONS OF CHEMISTRY**

This course is primarily designed as a terminal course for non-science majors but is open to all students. Many of the traditional chemical theories will be presented but always in association with a topic of everyday interest. The selection and sequence of topics will vary with the instructor and times. Labs illustrating applications will be carried out where appropriate. A student who has received credit for CHEM 105 or CHEM 107 may not take CHEM 100 for credit without the registrar's consent.

**CHEM 105 [4 CR, CORE: PN]**

**GENERAL CHEMISTRY 1**

This course outlines the basic principles, laws and definitions of chemistry. Students will also learn atomic theory and basic reaction chemistry. Gas laws and enthalpy are also introduced. Laboratory work consists of experiments illustrating the above and an introduction to basic laboratory techniques. Course consists of both weekly lectures and scheduled laboratory. Prerequisite: One year of high school chemistry. Student must test into a math class higher than MATH 102 to enroll. Fall semester.

**CHEM 107 [4 CR]**

**GENERAL CHEMISTRY 2**

This course is a continuation of the topics presented in CHEM 105. Emphasis will be on the study of ions in solutions and chemical equilibria. Both chemical kinetics and thermodynamics will be covered. Course consists of weekly lectures and scheduled laboratory. Prerequisite: CHEM 105 or instructor consent. Spring semester.

**CHEM 211 [4 CR]**

**ANALYTICAL CHEMISTRY**

An introductory course in the principles of quantitative techniques and calculations. Topics include statistics, acid-base chemistry, as well as acid-base, complexation and EDTA titrations. The weekly laboratory experiments are selected to provide experience in the analytical methods described in the lecture. Prerequisite: CHEM 107. Spring semester.

**CHEM 220 [4 CR]**

**ORGANIC CHEMISTRY**

The purpose of this course is to introduce students to

the basic language of organic chemistry. Selected topics include organic nomenclature, orbital hybridization, stereochemistry, and the chemistry of alkanes, alkenes, alkynes and a few common instrumental methods (NMR, IR and GC-MS). Success in this course will depend on students' abilities to engage in a process that requires applying basic principles to the analysis of complex problems. Four lectures, one lab per week. Prerequisite: CHEM 107. Fall semester.

**CHEM 222 [4 CR]**

**ORGANIC CHEMISTRY: INTERMEDIATE**

This course is intended for, but not limited to, students who are completing majors outside of Chemistry (e.g. Biology, Environmental Science or Natural Science). Selected topics include redox chemistry, carbonyl chemistry, aromatics, cycloadditions and the applications of instrumental methods (NMR, IR, GC-MS). In addition, select topics in bioorganic chemistry will be covered that serve to illustrate the application of mechanistic organic chemistry to the solution of problems of biochemical or medicinal interest. The lab component of the course will serve to reinforce topics discussed during the lectures. Prerequisite: CHEM 220.

**CHEM 232 [4 CR]**

**ORGANIC CHEMISTRY: RESEARCH EMPHASIS**

This course is intended for, but not limited to, students who are completing a major in Chemistry, including those pursuing the Biochemistry concentration in the major. Selected topics include redox chemistry, carbonyl chemistry, aromatics, cycloadditions and a few common instrumental methods (NMR, IR, GC-MS). The course will have an expanded, project-based laboratory. Prerequisite: grade of "C" or better in CHEM 220.

**CHEM 302 [4 CR]**

**ENVIRONMENTAL CHEMISTRY**

This course uses the principles of chemistry to understand natural systems and assess human impact on these systems. Lecture topics will include atmospheric chemistry, the chemistry of natural aqueous systems, data collection and interpretation, and the chemistry of pollutants such as anthropogenic organic compounds and heavy metals. The laboratory aspect of the course will focus on analytical techniques commonly used in environmental analysis. Prerequisite: CHEM 107.

**CHEM 305 [4 CR]**

**INORGANIC CHEMISTRY**

An in-depth study of properties, structures, bonding and reactions of inorganic compounds. Topics

include molecular orbital theory, organometallics, coordination chemistry and catalysis. The weekly laboratory is designed to provide students with experience in inorganic synthesis and representative analytical methods of inorganic chemistry.

Prerequisite: CHEM 211 and either CHEM 222 or CHEM 232.

**CHEM 307 [4 CR]**

**BIOORGANIC CHEMISTRY**

An advanced special topics course in organic chemistry with emphasis on the mechanistic aspects of biomolecular action and drug design. Topics of discussion include anti-tumor agents, antibiotics, cholesterol-regulating agents, coenzymes and catalytic antibodies. Prerequisite: CHEM 222 or CHEM 232. Summer session, alternate years.

**CHEM 310 [4 CR]**

**ORGANIC CHEMISTRY: ADVANCED**

A study of modern methods for the asymmetric synthesis of organic compounds with emphasis on reaction mechanisms. Prerequisite: grade of "C" or better in CHEM 222 or CHEM 232.

**CHEM 330 [4 CR]**

**PHYSICAL CHEMISTRY 1**

The first semester of a year-long sequence utilizing the mathematical approach in the study of chemistry. Topics include the first, second and third laws of thermodynamics, the thermodynamics of ideal and real solutions, and an introduction to solution and gas phase kinetics. The laboratory experiments involve the application of these concepts to calorimetry, spectroscopy, electrochemistry, chemical kinetics and chemical equilibrium. Prerequisite: CHEM 211 and CHEM 222 or CHEM 232, MATH 132, PHYS 122 or (with instructor consent) PHYS 112. Fall semester.

**CHEM 332 [4 CR]**

**PHYSICAL CHEMISTRY 2**

The second semester of the yearlong sequence introduces the concepts of quantum theory of atoms and molecules. The development of quantum mechanics is traced from the Bohr model of the atom to modern applications of computational chemistry. In the laboratory, students use computational chemistry and spectroscopy to illustrate the theoretical and mathematical concepts developed in the course. Prerequisite: CHEM 330. Spring semester.

**CHEM 350 [4 CR]**

**BIOCHEMISTRY 1**

The first half of the course covers the chemistry of carbohydrates, proteins, nucleic acids and lipids.

Particular attention is given to enzyme kinetics and other methods available to study protein structure and function. The second half of the course focuses on bioenergetics and metabolism. Glycolysis, gluconeogenesis, the pentose phosphate pathway, citric acid cycle and oxidative phosphorylation are covered in detail. Weekly experiments are selected to provide experience in modern biochemical lab techniques. Students must present a paper published in the primary literature to their peers. Prerequisite: grade of "C" or better in BIOL 244 (or instructor consent) and a grade of "C" or better in CHEM 222 or 232.

**CHEM 351 [4 CR]**  
**BIOCHEMISTRY 2**

This course is designed as a continuation of CHEM 350. Topics include metabolism of lipids, proteins and nucleic acids, integration and regulation of metabolism and photosynthesis. Students are expected to read and discuss current publications from the primary literature. In addition, students must write a review article on an approved topic of their choice and present their findings to the class. The laboratory component of this course focuses on recombinant protein technologies. Prerequisite: grade of "C" or better in CHEM 350. Spring semester, alternate years.

**CHEM 389 [4 CR]**  
**SPECIAL TOPICS**

Lecture, laboratory and/or literature studies at an advanced level. The intent is to provide students with the opportunity to increase their understanding of chemistry beyond the scope of the basic core courses. Representative topics include areas such as advanced biochemistry, organometallic chemistry, polymer chemistry and heterocyclic chemistry. Prerequisite: instructor consent.

**CHEM 490 [2 OR 4 CR]**  
**INDEPENDENT STUDY**

A course that allows students to pursue research on an individual basis under the direction of a faculty member in Chemistry. The specific topic of study is mutually agreed upon by the student and the faculty member directing the research. Prerequisite: instructor consent and approval of the associate dean of natural sciences.

**CHEM 492 [2 OR 4 CR]**  
**DIRECTED RESEARCH**

An independent study course involving laboratory experiences under the direction of a faculty member in Chemistry. A written report is due two weeks before the end of class. Students who wish to use a

summer research experience performed at a site other than St. Norbert College as a substitute for CHEM 492 must have the discipline's approval prior to undertaking the activity. Prerequisite: instructor consent.

**CLASSICAL, MEDIEVAL AND  
RENAISSANCE STUDIES [CLAS]**

**CLAS 201 [4 CR, CORE: WT]**  
**MEDICAL AND LEGAL TERMINOLOGY FROM  
GREEK AND LATIN**

This course offers a unique approach to the instruction of Classical languages, concentrating on the grammar and vocabulary of ancient Greek and Latin essential to the technical languages of many professional fields. Essentially it is two full courses intensively rolled into one: Medical Terminology and Legal Latin. The first half of the course is essentially a 6-week intensive course in Latin. It covers Latin grammar, syntax, and vocabulary essential in modern and historical jurisprudence and legal practice. The second half of the course focuses on scientific, specifically medical, terminology. Scientific terminology is created using roots fused with prefixes and suffixes borrowed primarily from Greek and Latin. Students will learn the most common prefixes, suffixes, and roots, and how they are fused together to form scientific terminology. The Medical Terminology segment of this course covers the content and material of an entire Medical Terminology course and thus fulfills such prerequisite requirement for certain health professional and graduate programs. Fall semester.

**CLAS 325 [4 CR, ADV CORE: WT]**  
**CLASSICAL MYTHOLOGY**

This course will study both Greek and Roman mythology in their literary and cultural contexts. The course will consider the meanings, purposes and universality of various myths, such as the stories of Prometheus, Orpheus, Oedipus and Aeneas. It may also include comparative elements, touching, for example, Norse, Celtic and American Indian myths.

**CLAS 335 [4 CR, ADV CORE: BB]**  
**BODIES OF KNOWLEDGE**

The course traces the impact of ancient philosophical and medical thought on modern science and medicine. Students will consider how ancient Greek and Roman concepts of cause, explanation, health, disease, and anatomy (literally a "cutting up" of the body into parts) developed over time into the "rationalistic" understanding of health and healing on

which the therapeutic approach of modern medicine depends.

**CLAS 490 [2 OR 4 CR]**  
**INDEPENDENT STUDY**

This course allows a student and instructor to read a major classical author or text of particular interest. Prerequisite: instructor consent and approval of the associate dean of humanities.

**CLAS 492 [2 OR 4 CR]**  
**DIRECTED RESEARCH**

An arranged course in which the student conducts research or translation work under the supervision of a faculty member. Prerequisites: instructor's consent or discipline approval. Fall semester.

**COMMUNICATION AND MEDIA STUDIES [COME]**

**COME 122 [4 CR, CORE: IS]**  
**INTERPERSONAL COMMUNICATION**

Interpersonal communication is the most fundamental aspect of the human experience. By communicating with people around us we develop a sense of self and establish a relational network critical for our survival, success, and emotional well-being. This course will survey key theories, concepts, and research in the field of Communication. We will work to connect theory with practical applications to build interpersonal competencies. By the end of the course, you should acquire understanding of the psychology of human relations and be better equipped to evaluate and respond to everyday communication challenges. Offered fall & spring semesters.

**COME 124 [4 CR]**  
**MASS MEDIA**

Mass communication plays a significant role in each of our lives and in our society. In this course, you will be introduced to basic principles for understanding and critically using mass media. The history of and current trends in print, film, radio and sound recording, television, video games, the internet, advertising, and public relations will be explored. By the end of the course, you will be better able to interact with mass media personally and professionally.

**COME 222 [4 CR]**  
**SMALL GROUP COMMUNICATION**

Human beings are often expected to work together to accomplish tasks and make critical decisions without any training or tools to facilitate effective group processes. This course explores the factors that impact group experiences and provides students with

opportunities to observe and evaluate groups, use theory to understand group functioning, and develop skills that can be applied to the groups they will encounter in the classroom, at work, and in their personal lives. Prerequisite: COME 122. Fall semester, alternate years.

**COME 252 [4 CR]**  
**WRITING FOR MEDIA**

An intensive writing course designed to introduce styles and conventions for advertising, public relations, journalism, screenwriting, and social media. This course covers style rules, editing, lead writing, libel law, story construction, interviewing, rewriting and other topics. Prerequisite: COME 124.

**COME 310 [4 CR, ADV CORE: DD]**  
**RACE/ETHNICITY AND MEDIA**

How are individuals of different racial and ethnic groups represented in media? What impacts do these representations have on media viewers? This course will explore these questions and more from multiple scholarly perspectives. Various forms of media such as advertising, television, movies, video games, and news will be considered. Summer sessions.

**COME 312 [4 CR]**  
**COMMUNICATION & MENTAL HEALTH**

Communication is integrally connected with mental health. In this course, students will learn about enhancing their own mental health through intrapersonal and interpersonal communication. Students will also learn to interpret and apply empirical communication research and to be a critical consumer of information relating to communication and mental health. Prerequisite: COME 122. Spring semester.

**COME 315 [4 CR]**  
**CONFLICT COMMUNICATION**

Conflict Communication examines the forces that generate and influence conflicts and the techniques that can be used to direct these forces toward productive outcomes. We will discuss constructive and destructive conflict, analyze a conflict de-escalation model called the third side, and review a variety of topics relating to conflict in our interpersonal relationships and in our world. Prerequisite: COME 122. Spring semester, every other even year.

**COME 317 [4 CR, ADV CORE: DD]**  
**NETFLIX: DISRUPTIVE ENTERTAINMENT**

This course will explore the ways that Netflix is (and is not) disruptive across three major components of media: content, production, and consumption. One of

the primary topics will be Netflix and groups that are typically underrepresented in entertainment media both behind the scenes and on screen. J-Term and summer sessions.

**COME 320 [4 CR, ADV CORE: IS]**  
**CRISIS COMMUNICATION**

This course considers how human beings use communication to repair our reputations and keep us safe in times of crisis. It considers several perspectives on apologetic rhetoric, including Benoit's theory of image repair discourse and Koesten & Rowland's writings about the rhetoric of atonement. The course also examines the role of crisis communication plans and social media in responding to crises such as natural disasters and national security concerns.

**COME 322 [4 CR]**  
**BUSINESS AND PROFESSIONAL SPEAKING**

This course focuses on building professional presentation skills in the context of impromptu, informative speaking, and persuasion. In addition, students build professional life skills - such as negotiation, resume building, and interviewing – to help them succeed in the business and professional world. Fall semester.

**COME 323 [4 CR]**  
**NONVERBAL COMMUNICATION**

Nonverbal communication encompasses a wide range of human behavior that often occurs outside our conscious awareness. Many categories of nonverbal communication will be examined including the environment, territory and personal space, and physical characteristics. We will observe and analyze the many functions of nonverbal communication, such as managing interaction, expressing feelings, and expressing our social identities. By bringing nonverbal communication into your conscious awareness and studying its many functions, you can become a more effective and sensitive communicator. Prerequisite: COME 122. Spring semester, every other odd year.

**COME 324 [4 CR]**  
**PERSUASION**

Persuasive attempts bombard us daily during interpersonal interactions, in professional and academic spaces, and through mass media and advertising. Students will analyze the types of persuasive messages that are sent through a variety of communication channels including podcasts, film, and social media. Foundational concepts and theories of persuasion will be used as a guide for becoming

more effective communicators, leaders, and consumers.

**COME 325 [4 CR]**  
**TECHNOLOGY AT WORK**

How do businesses manage their employees, connect with consumers, and promote their brand and identity in a fast-paced, digital world? Students will examine the increasing presence of communication technology in the workplace and explore their own future career plans by mapping and tracking workplace trends in their chosen area of study. Summer sessions.

**COME 326 [4 CR]**  
**ORGANIZATIONAL COMMUNICATION**

The best places to work are often those that offer a positive climate, inclusive culture, and opportunities for growth. This course uses theory and research to trace the evolution of the workplace and identifies how organizational processes can impact the experiences of organizational members. Students will use practical application to explore and understand what it means to organize at work and within the community. Fall semester, odd years.

**COME 327 [4 CR]**  
**HEALTH COMMUNICATION**

The field of health care can be a confusing and complex space to navigate. Students will explore the evolution of the health care system and gain insight into the experiences of health care providers. As they learn how to be advocates in their own health journey, students will also become better equipped to identify ways to provide support for others, and to recognize how intersections of identity can create unique health care experiences.

**COME 328 [4 CR]**  
**FAMILY COMMUNICATION**

Family relationships are some of the most consequential relationships we have in life. In this course, students will learn about different definitions of family and how we communicatively manage the boundaries around who is considered family. Students will also learn about diverse family forms, different family relationships, and important transitions in the development of the family. The course investigates the ways that family communication affects and reflects individual and relational well-being, as well as practical strategies for functional communication within the family. Prerequisite: COME 122. Fall semester.

**COME 329 [4 CR, ADV CORE: WT]**  
**POLITICAL COMMUNICATION**

This course uses rhetorical theory and criticism, as

well as empirical evidence concerning the content and effects of political messages, to aid citizens in becoming better consumers and critics of political communication. Political speeches, political advertisements, political debates, and political media will be explored in the context of both primary and general election campaigns. Fall semester.

**COME/WMGS 331 [4 CR, CORE: DD]**  
**WOMEN AND MEDIA**

Why are some genres of media labeled as feminine or masculine? How are women represented in media? What impacts do these representations have on media viewers? This course will explore these questions and more from multiple scholarly perspectives. Various forms of media such as advertising, television, movies, video games, and news will be considered. Spring semester.

**COME 336 [4 CR]**  
**INTIMATE RELATIONSHIPS AND MEDIA**

This course focuses on the intersections of intimate relationships and media. We will explore theories and research that describe how relationships, especially romantic ones, develop, thrive, or deteriorate over time. Then we will examine the role of media such as online dating platforms, social media, television, and movies in these processes. Prerequisite: COME 124. Fall semester.

**COME 352 [4 CR, ADV CORE: IS]**  
**MEDIA PSYCHOLOGY**

This course will explore the field of media psychology including theories and research on a variety of subjects. Topics include audience involvement, effects of media stereotypes, influence of advertising, psychology of gaming, the social nature of media, effects of media violence, and more.

**COME 364 [4 CR]**  
**MEDIA LAW AND ETHICS**

This course examines the origins and background principles of media law with a focus on Supreme Court cases and agency regulations that govern media action and consequences. Operation of the media within the law and guiding principles will be examined as well as the consequences that result when laws or principles are violated. Highlighted will be ethical dilemmas that can occur even when laws are obeyed or when laws come into conflict with other laws. Fall semester.

**COME 379**  
**MEDIA SPECIAL TOPICS**

This course concentrates on a topic pertaining to the current needs and interests of faculty and students.

The topics covered will vary from semester to semester and will be announced in the timetable of courses whenever the course is offered.

**COME 384 [4 CR]**  
**SOCIAL MEDIA**

Students in this course will consider how news and social media influence culture, politics, commerce, identity, and relationships. The course uses both old and new theories of communication and media studies to understand how power and influence are asserted and resisted in digital spaces. The course adopts a digital storytelling perspective for developing expertise about new media campaigns. Spring semester.

**COME 389**  
**COMMUNICATION SPECIAL TOPICS**

This course concentrates on a topic pertaining to the current needs and interests of faculty and students. The topics covered will vary from semester to semester and will be announced in the timetable of courses whenever the course is offered.

**COME 390 [4 CR]**  
**SPORTS MEDIA**

This course presents a broad overview of how sports reflect and perpetuate ideas, values, and meanings in our culture. Attention will be paid to the role sports play in shaping community and addressing exigent socio-political issues. Students will be introduced to the fields of sports media, strategic sports communication, and crisis communication in sports. Additional topics include sports gaming, identity in sports, and sports fan culture.

**COME 427 [4 CR]**  
**COMMUNICATION STUDIES CAPSTONE**

The Communication Studies Capstone course explores influential theories and research methods commonly used in the field of Communication, and provides opportunities to reflect on how these theories and methods are applicable in professional and personal contexts outside of the classroom. In this course, students will develop and complete a semester-long signature Capstone project that synthesizes empirical research and Communication Studies theories informed by the social scientific perspective. Prerequisites: COME 122 and senior standing. Spring semester.

**COME 468 [4 CR]**  
**MEDIA STUDIES CAPSTONE**

The Media Studies Capstone explores influential social scientific theories and research methods

commonly used in the field and provides opportunities to reflect on how these theories and methods are applicable outside of the classroom. In this course, students will develop and complete a semester-long capstone project that applies media studies theories and empirical research findings. Prerequisites: senior standing. Spring semester.

### **COME 490 INDEPENDENT STUDY**

A course allowing students and faculty to explore topics of special interest together. Prerequisites: instructor consent and approval by the associate dean of humanities.

### **COME 492 [2 OR 4 CR] DIRECTED RESEARCH**

Qualified students may perform research projects under the supervision of a Communication and Media Studies faculty member. Prerequisite: instructor consent and approval of dean of social sciences.

### **COME 494 [4 CR] INTERNSHIP**

This internship experience allows students to apply their studies in a supervised work situation. Students benefit from an inside look at different kinds of organizations, a chance to work in their field of study, and gain experience with state-of-the-art equipment and practices. Junior/senior standing. Does not fulfill a 400-level requirement for the major.

### **COME 499 [0 CR] MAJOR PORTFOLIO**

All Communication and Media Studies majors are required to complete a major portfolio in order to fulfill the COME 499 graduation requirement. Details regarding portfolio requirements and evaluations are provided to all majors. Senior Communication and Media Studies majors enroll in COME 499 during their final semester, and completed portfolios will be reviewed according to the schedule provided. Prerequisite: Senior standing.

## **COMPUTER SCIENCE [CSCI]**

### **CSCI 110 [4 CR, CORE: QR] INTRODUCTION TO COMPUTER PROGRAMMING**

A lecture and laboratory course which provides an introduction to structured and object-oriented programming using a language such as C++ or Java. Topics include the role of a stored program, problem definition, algorithm design, coding and testing, and documentation as well as functions, parameters, control structures, arrays, structs, file streams and the

use of standard objects. Applications are taught through classroom examples, laboratory exercises and programming assignments. Structured programming and top-down design are emphasized throughout the course. Weekly laboratory sessions reinforce programming techniques and the process of program design. Co-requisite or prerequisite: MATH 115.

### **CSCI 150 [4 CR, CORE: QR] APPLICATIONS OF DISCRETE STRUCTURES**

Discrete structures are sets of distinct or unconnected elements. These structures are useful when solving problems that require counting objects, exploring the relationship between finite sets, and analyzing an algorithm (a finite sequence of steps) for its effectiveness and efficiency. Discrete structures can be used to answer questions in a variety of disciplines. In this course students learn techniques for solving problems and defending their solutions while improving their ability to think logically, algorithmically, and quantitatively. Weekly laboratory sessions provide opportunities for students to analyze problems and experiment with their solutions. This is not a programming course. Prerequisite: Completion of or placement above MATH 115. Spring semester.

### **CSCI/DATA 201 [4 CR] DATA ANALYTICS I**

A lecture and laboratory course that provides an introduction to structured programming using the language Python. Particular emphasis is placed on commonly used tools for data analysis including the numpy library, the pandas module, and techniques for reading in data from various sources. Prerequisite: CSCI 110.

### **CSCI 205 [4 CR] SOFTWARE ENGINEERING AND ELEMENTARY DATA STRUCTURES**

A continuation of CSCI 110, this lecture and laboratory course introduces elementary data structures and advanced programming concepts needed to solve more challenging problems. Software engineering principles and object-oriented concepts are studied and applied to various types of problems. Object-oriented topics include class inheritance, encapsulation, polymorphism, error handling and error recovery. Additional topics include dynamic memory, pointers, linked lists, stacks, recursion, activation records and binary files. Special focus is given to software engineering principles including abstraction, modularity, generality, portability, robustness, and internal and external documentation. Lab sessions reinforce concepts presented in lecture

sessions, introduce methods of experimentation and present new concepts. Prerequisite: grade of “CD” or better in CSCI 110.

#### **CSCI 220 [4 CR]**

##### **ADVANCED DATA AND FILE STRUCTURES**

A continuation of CSCI 205, this lecture and laboratory course focuses on advanced data structures and the analysis of their performance. After reviewing pointers, linked lists, stacks and recursion, the following topics and their associated algorithms are studied in detail: multi-linked lists, simulating recursion, queues, trees and graphs. Advanced sorting and searching algorithms are also analyzed. Some file structures such as B-trees and hash files are studied. Labs and assignments are used for experimentation, to present new algorithms and concepts, to analyze and compare algorithms, and to reinforce lecture material. Students apply their knowledge to new problems, developing solutions by extending or enhancing various algorithms. Prerequisites: grade of “CD” or better in CSCI 205 and either CSCI 150 or MATH 250. Spring semester.

#### **CSCI 225 [4 CR]**

##### **MACHINE ORGANIZATION AND ASSEMBLY LANGUAGE**

This lecture and laboratory course provides an introduction to the internal operations of digital computers. Topics include computer architecture, memory control, processing, I/O devices, machine language, microcode, instruction types and format, fetch-execute cycle, timing, I/O operations, interrupt handling, data representation, basic computer arithmetic, addressing modes and assembly language programming. Weekly laboratories will extend concepts discussed in lectures and focus on using the computer as an experimental tool. Working in teams, students will research a topic in computing, design a web site describing their findings and formally present their results. Prerequisite: grade of “CD” or better in CSCI 205. Fall semester.

#### **CSCI 234 [3 CR]**

##### **CONTENT AND SYSTEMS DESIGN**

If you’ve ever enjoyed the experience of playing a video game, you’ve had a first-hand lesson in how important content and systems design are. The experience of a game is driven by four major components: content, systems, narrative, and user experience. This class will help you learn to design all four components, and build a deeper understanding of the game development process and an introduction to concepts in scripting. This online class has optional live sessions. Prerequisite: grade of “CD” or better in CSCI 225.

#### **CSCI 235 [3 CR]**

##### **UNITY I: WORKING WITH UNITY**

The Unity engine powers nearly 50% of all games and nearly 75% of mobile games. This course, built in collaboration with Unity and the IGDA, will introduce you to developing games in Unity. By the end of this course, you’ll learn how to build a fully functioning game within the Unity system, including all key elements. This online course has optional live sessions. Prerequisite: grade of “CD” or better in CSCI 220 and CSCI 225.

#### **CSCI 289 [2 OR 4 CR]**

##### **SPECIAL TOPICS**

This is a course designed for individual or group study through special arrangement with a faculty member. The content and methodology will be determined by the instructor. This course can be used to incorporate new material, new technologies, and new methodologies to be introduced into the curriculum. instructor consent required.

#### **CSCI 310 [4 CR, ADV CORE: IS]**

##### **COMPUTING IN A GLOBAL SOCIETY**

Computing has brought the people of the world closer together but has also divided us in significant ways. This course will examine the development of the global computing society, compare its impact and influence on developed and developing countries, and discuss the responsibilities of those who dominate it. This course will address the effects that computing has on the global society and its individuals rather than the technical content of computing. Hands-on experiences will be used to illustrate the disparity of computing resources among societies, the immediate and global impact of computing on the global society, and differences in how societies control access to computing resources.

#### **CSCI 321 [4 CR]**

##### **ANALYSIS OF ALGORITHMS**

This is a lecture and laboratory course that studies effectiveness, efficiency and clarity considerations in algorithm design and implementation. Both sequential and parallel algorithms are included. General techniques such as divide and conquer, greedy methods, dynamic programming, backtracking, searching and various traversals will be studied. Methodologies for analyzing algorithm efficiency are reviewed, providing the basis for studying computational complexity, and the classification of problems as being in classes P, NP and NP-complete according to their inherent difficulty. Students will distinguish tractable problems (problems with efficient solutions) from

intractable problems (problems whose known solutions are impractical regardless of how powerful the computer becomes). Prerequisite: CSCI 220. Alternate years.

**CSCI 322 [4 CR]**

**PROGRAMMING LANGUAGES**

A programming language is a tool for instructing computers and computerized equipment, a means for programmers to communicate with each other, a method for expressing high-level design, a notation for algorithms, and a tool for experimentation. Students obtain an understanding of these essentials of programming languages, such as syntax, semantics, run-time structure, and data and procedural abstraction. Students study the underlying structures of programming languages along with necessary tools for critical evaluation of existing and future programming languages, concepts, and paradigms. Principles that distinguish languages and paradigms are stressed. Familiar and unfamiliar programming paradigms are covered in lectures and laboratories. Prerequisites: CSCI 220 and CSCI 225. Fall semester.

**CSCI 323 [4 CR]**

**THEORY OF COMPUTATION**

This is a lecture and laboratory course that formalizes a definition of a computation model, and then uses it to study the fundamental question, "What can and cannot be computed?" Students study deterministic and non-deterministic computational models such as finite automata, push-down automata and Turing machines, as well as regular expressions and grammars. Types of problems that can and cannot be solved by each of these models of computation are identified. The Church/Turing thesis, which attempts to describe what is and is not solvable by our current model of computation, is also studied. Prerequisite: CSCI 220. Alternate years.

**CSCI 330 [4 CR]**

**DATABASE TECHNIQUES AND MODELING**

This is a lecture and laboratory course that introduces fundamental concepts of database modeling, database design and the languages and facilities provided by database management systems. It investigates data structuring implementation techniques appropriate for databases. Entity/relationship diagrams are used for modeling. A three-layered view of database architecture is studied. The relational database model is stressed but other models are also discussed. Students work within a team environment to model and design a solution to a substantial database problem. Teams implement their solution using a robust user-interface that communicates with a

database management system. Prerequisite: CSCI 205. Alternate years.

**CSCI 335 [3 CR]**

**UNITY II: ADVANCED UNITY**

This course is intended to provide students with the skills and knowledge to bring their mastery of the Unity game engine and C# programming up to a professional standard. Students will learn how to perform a range of vital code-based tasks within the Unity platform and will grow their skills in building core gameplay functionality, supporting systems and platform-specific optimizations. This course was built in collaboration with Unity. Upon successful completion, students will be prepared to sit for the Unity Certified Associate: Programmer exam. This online course has optional live sessions. Prerequisites: CSCI 234 and CSCI 235.

**CSCI 340 [4 CR]**

**ARTIFICIAL INTELLIGENCE**

The study of artificial intelligence involves the exploration of the principles and techniques involved in programming computers to do tasks that would require intelligence if people did them. State-space and heuristic search techniques, logic and other knowledge representations, and statistical and neural network approaches are applied to problems such as game playing, planning, the understanding of natural language and computer vision. Students will implement real-time systems that use feedback loops and the techniques mentioned above to modify the behavior of the system. Prerequisites: CSCI 220 and CSCI 225.

**CSCI/BUAD 345 [4 CR]**

**BUSINESS APPLICATIONS USING SYSTEMS ANALYSIS AND DESIGN**

This course is designed to provide students with an understanding of systems analysis and design in business applications. Students completing this course should be able to identify and analyze business problems and create solutions using systems analysis and design techniques, evaluate and choose appropriate software tools, and create design documents that can be used to implement a system. Students will also learn about user interface design, database design, systems architecture and implementation, systems operation, support, and security. A combination of lectures, assignments, group projects and case studies using systems analysis and design principles will be used. Prerequisite: BUAD 142 or computer science major. Alternate years.

**CSCI 350 [4 CR]**  
**EVENT PROGRAMMING WITHIN A WINDOWING ENVIRONMENT**

This is a lecture and laboratory course in event programming using a Windows-type environment. Focus is on the design and implementation of Windowing programs using an object-oriented language and other object-oriented development tools. Windowing class libraries are studied in detail and are used to implement common windowing features. Students will design and implement a substantial event-driven program using a variety of Windowing techniques and features. Prerequisite: CSCI 205. Alternate years.

**CSCI 370 [4 CR]**  
**INTRODUCTION TO OPERATING SYSTEMS**

This is a lecture and laboratory course that investigates the algorithms, principles, design and implementation of modern operating systems. Major topics include history and evolution, tasking and processes, process coordination and synchronization, physical and virtual memory organization, I/O systems and device drivers, and security and protection. Laboratories concentrate on the practical considerations of operating systems including UNIX and Windows and case studies. Laboratory sessions focus on experiments that complement and enhance lecture topics. Closed labs will also be used to develop skills in system tools and utilities. Prerequisites: CSCI 220 and CSCI 225. Spring semester.

**CSCI 373 [4 CR]**  
**COMMUNICATIONS/NETWORKS**

This is a lecture and laboratory course that explores networking from the ground up. This course is built around the study of the various components of the theoretical OSI networking model from beginning to end. Moreover, students study various practical implementations of the OSI layers. Topics include data transmission, wired and wireless networking, multiplexing and switching, error detection and correction, routing and network addressing, flow and congestion control, socket programming and network security. Prerequisites: CSCI 220 and CSCI 225.

**CSCI 460 [4 CR]**  
**SENIOR CAPSTONE EXPERIENCE**

This is the capstone experience for the computer science major. It is designed to allow students to learn more about a particular topic in computer science, to help them further develop the skills necessary to learn on their own, to help develop presentation skills, and to help develop an awareness

of legal and ethical issues inherent in the discipline of computer science. Students will be given an individual project that integrates and extends concepts covered in other CSCI courses. The projects range from research to experimentation to design and implementation of a small system. Students present results in open forums and closed defenses. Prerequisites: senior standing and instructor consent. Spring semester.

**CSCI 489 [2 OR 4 CR]**  
**SPECIAL TOPICS**

A course designed for individual or group study through special arrangement with a faculty member. The content and methodology will be determined by the instructor. Prerequisite: junior or senior standing and instructor consent.

**CSCI 490 [2 OR 4 CR]**  
**INDEPENDENT STUDY**

This course allows students to pursue an area of study on an individual basis, with consultation and evaluation. The methodology and objective will be mutually agreed upon by a faculty member and the student. Prerequisites: junior or senior standing and instructor consent. Independent study courses usually do not count as a computer science major requirement.

## D

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### **DATA ANALYTICS [DATA]**

**DATA 101 [4 CR]**  
**DATA ANALYTICS & INFO SYSTEMS**

Students will explore the foundational aspects of data analytics in this course learning fundamental concepts such as data types, structures, and processes, with a focus on practical data visualization. Introductory skills are developed in data exploration, summarization, visualization, and effective data presentation through hands-on projects, while learning practical skills in spreadsheet, visualization, and applied statistical coding software. Lastly, students will gain introductory exposure to ethical considerations associated with working and analyzing data. This course provides a solid entry point for understanding the essential principles of data analytics. No prerequisites.

**DATA/CSCI 201 [4 CR]**  
**INTERMEDIATE DATA ANALYTICS**

Students will learn to program in R & Python, engage in exploratory data analysis techniques, data

visualization, and the basics of data wrangling (data cleaning) along with foundational data modeling techniques. Prerequisites: DATA 101, CSCI 110, and MATH 221 or MATH 228.

**DATA 301 [4 CR]**  
**PREDICTIVE ANALYTICS**

Students will learn foundational concepts and techniques in statistical learning focusing on building and evaluating models for regression and classification problems. Topics will include data preprocessing, error/accuracy metrics, data splitting, cross-validation, and model selection. These topics will be presented through the use of linear/logistic regression, penalized regression, k-nearest neighbors, and tree-based models. Additional topics may include, but are not limited to, clustering, neural networks, PCA, PCR, support vector machines, and splines/smoothing. Students will work on projects requiring them to select and use appropriate tools for solving open-ended problems. Communication of results to various audiences will be emphasized. Prerequisites: DATA 201, and MATH 203 is recommended.

**DATA 328 [4 CR]**  
**ANALYTICS FOR BUSINESS INSIGHT**

Students will engage in the data endeavor process in this course, exploring the key stages of acquisition, preparation, analysis, and action in the context of real-world problem solving. Students will engage in all aspects of applied data analysis in a project-based environment. Statistical, visualization, and database software will be utilized throughout this process with a particular emphasis on exposing students to SQL, in addition to expanding modeling capabilities such as forecasting techniques, applied regression, and machine learning algorithms. Prerequisite: MATH 228 or MATH 221.

**DATA 400 [4 CR]**  
**DATA PRACTICUM CAPSTONE**

Students will gain exposure to real world data analytics through the successful application of their theoretical and practical skills to solving problems in science and industry in this capstone course. This course focuses on the application of content learned throughout the major to a large-scale data project with an additional emphasis on ethics, social responsibility, and the communication of the results. Prerequisites: DATA 301, CSCI 330.

## E

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### **EARTH SCIENCE [ERTH]**

**ERTH 101 [4 CR]**  
**INTRODUCTION TO SUSTAINABILITY**

Introduction to Sustainability is a team-taught course that is intended for sustainability minors. The course will introduce the concept of sustainability and discuss the most current global environmental issues. The topic of sustainability will then be covered from a wide variety of disciplinary perspectives. Students will be given the opportunity to contemplate the applicability of the topic to their own major and ultimate career goals. This is a lecture-only course. No prerequisites.

**ERTH 105 [4 CR, CORE: PN]**  
**GEOLOGY**

A study of geological phenomena involved in the formation of the Earth's surface and subsurface features, the interrelationship between humans and the geological environment, and the application of the science of geology to problems resulting from the increasingly intense use of the materials of the Earth's crust. The course includes lectures, discussions, labs and field trips.

**ERTH 107 [4 CR, CORE: PN]**  
**ENVIRONMENTAL GEOLOGY**

This course provides an introduction to geologic processes with a special emphasis on the interaction of these processes with humankind. Topics include geologic hazards (e.g. earthquakes, volcanoes, flooding), geologic resources and human impact on the natural environment such as groundwater contamination and mining. Includes lectures, discussion, labs and field trips.

**ERTH 115 [4 CR, CORE: PN]**  
**GENERAL OCEANOGRAPHY**

This course provides an overview of the ocean sciences, with emphasis on the interplay between its geological, physical, chemical and biological processes. The impact of oceans on Earth's climate will be examined, as well as possible human impact on climate and global sea level changes. Other human concerns, including marine pollution problems and species extinction, will be addressed.

**ERTH 225 [4 CR]**  
**HYDROGEOLOGY**

This course provides an overview of the hydrologic cycle with emphasis placed on the study of

groundwater. Discussions include the fundamental characteristics of aquifers (porosity and permeability), the geologic settings of groundwater and the basic physics of groundwater flow. This course also provides an introduction to surface water in streams and its geomorphic effects. The course includes lectures, discussion, laboratory and field exercises. A basic knowledge of high school algebra and trigonometry is assumed. Prerequisite: EARTH 105. Offered every other year.

**ERTH 230 [4 CR]**  
**GIS FOR GEOSCIENCES**

An introduction to Geographic Information Systems with emphasis in earth science applications such as mapping and terrain analysis. This course introduces students to the fundamental concepts, uses, and applications of Geographic Information System software. Exercises include working with a variety of data sets applicable to answering questions in earth and environmental science. Spring semester.

**ERTH 240 [4 CR]**  
**CLIMATE AND EARTH HISTORY**

This course covers the science of global patterns in Earth's climate throughout the history of the planet. Time will be spent on climate proxies that provide concrete data about Earth's temperature and precipitation levels in the past, a full examination of the changes in Earth's climate over time, and the influence climate has on other Earth systems. With this context, students will learn about the cause and impact of modern global climate patterns. This is a lecture-only course. No prerequisites.

**ERTH 250 [4 CR]**  
**GEOMORPHOLOGY**

This course provides an overview of the geologic processes responsible for shaping and modifying the Earth's surface. Emphasis is placed on the study of the following topics: physical and chemical weathering, soils, mass wasting, streams, glaciers, wind and desert processes, karst features, coastal processes, tectonic geomorphology, and landscape evolution. Includes lectures, discussions, labs and field trips. Prerequisite: EARTH 105. Offered every other year.

**ERTH 275 [4 CR]**  
**HISTORICAL GEOLOGY**

This course focuses on the major events in Earth's history. In particular, the history of life through time, changes in sea level and climate, and the evolution of Earth's lithosphere are studied, with a focus on the North American continent. Interpretation of the rock and fossil records will be a key component. Includes

lectures, discussions and labs. Prerequisite: EARTH 105. Offered every other year.

**ERTH 280 [4 CR]**  
**INTRODUCTION TO PALEONTOLOGY**

This course focuses on the fossil record from a geological perspective. A major component of the course will involve learning how to use the distribution of fossils to correlate rock units. Other topics will include identification of major fossil groups, the preservation of fossils, and the relationship between fossil organisms and their environments. Prerequisite: EARTH 105. Recommended: EARTH 275.

**ERTH 307 [4 CR, ADV CORE: PN]**  
**WORLD RESOURCES**

World resources is an introduction to the mineral, energy, and water resources of the planet. Important issues that will be discussed related to resources include; abundance, geographic and economic distribution, sustainability, environmental impacts, historical and political perspectives, population demographics and projected implications for future resources. An important constant throughout the course will be the focus on resources related to climate change. This is a lecture only course. No prerequisites.

**ERTH 310 [4 CR]**  
**EARTH MINERALS**

This course provides an overview of the formation, occurrence and recognition of minerals, igneous rocks and metamorphic rocks. The mineralogy portion focuses on mineral identification and formation along with mineral chemistry, occurrence and uses. The rock portion of the course covers rock identification along with the theoretical aspects of rock development with particular emphasis on the tectonic framework. Prerequisite: EARTH 105 or EARTH 107.

**ERTH 322 [4 CR]**  
**SEDIMENTATION AND STRATIGRAPHY**

A lecture and laboratory course that examines the origin and characteristics of sediments and sedimentary rocks, transportation mechanisms, and geologic environments in which sediments are deposited, unification and diagenesis, classification schemes for sedimentary rock nomenclature, and the arrangement and correlation of sedimentary rocks. Prerequisites: EARTH 105 and EARTH 300. Offered every other year.

**ERTH 325 [4 CR]**  
**STRUCTURAL GEOLOGY**

This course explores the processes of deformation of the Earth's crust and how this deformation is recorded by rocks. Emphasis is placed on the correct observation and interpretation of features such as faults, folds and shear zones. Includes lectures, discussions, labs and field trips. Prerequisites: EARTH 300 and EARTH 320.

**ERTH 350 [4 CR]**  
**GLACIAL AND QUATERNARY GEOLOGY**

An introduction to glacial process and environments. Emphasis is placed on the origin of landforms and landscapes produced by glaciations. Related topics covered in this course include Quaternary climate change, eolian (wind) processes, river and lake systems, and periglacial processes. Includes lectures, discussion, laboratory and field trips. Prerequisite: EARTH 105. Infrequently offered.

**ERTH 354 [2 OR 4 CR]**  
**FIELD GEOLOGY**

This course provides an extended field experience for geology majors. Usually includes two to three weeks of travel and study of the geology and natural history of Costa Rica. The course focuses on plate tectonic processes, active volcanism and arid sedimentary environments in a modern geologically active region. Special emphasis is placed on careful observation, description and interpretation of geologic phenomena. Prerequisites: EARTH 105 and instructor consent. Infrequently offered.

**ERTH 360 [4 CR]**  
**WISCONSIN'S PEOPLE AND THE ENVIRONMENT**

This course examines the interaction between Wisconsin's people and their environment through time. Special attention is paid to how the environment has been exploited and modified by human activity. Topics include the Fur Trade, logging era, mining, transportation, water resources, agriculture, and climate change. The course begins with an overview of Wisconsin's environment prior to Euro-American settlement, as reconstructed from the geological and ecological records.

**ERTH 389 [2 OR 4 CR]**  
**SPECIAL TOPICS**

A course designed for group study of a subject matter of special interest. Typically applied to an extended field trip offered during winter break or spring break with associated lectures, labs, research and/or literature review. Special topics courses that include a field trip require an additional fee to cover expenses,

such as travel. Prerequisites: EARTH 105 and instructor consent.

**ERTH 403 [4 CR, ADV CORE: PN]**  
**GEOLOGY OF OUR NATIONAL PARKS**

Geology is the study of the origin, composition, structure, processes, and history of the Earth incorporating related science concepts from chemistry, physics, biology, and mathematics. The U.S. National Parks are a great platform for learning these basics of geology, as well as peripheral interdisciplinary and non-scientific aspects of the parks, such as the important interplay between geologic processes (and products) and humans.

**ERTH 428 [4 CR]**  
**ENVIRONMENTAL GEOLOGY RESEARCH**

Original field or laboratory study and research in the area of environmental geology. Course requirements vary depending on the research focus and must be agreed upon by the student and supervising instructor. This course is designed to satisfy the senior thesis requirement of the environmental science major. Prerequisite: instructor consent.

**ERTH 450 [6 CR]**  
**GEOLOGY FIELD CAMP**

A summer field course that integrates basic geologic skills and knowledge in the construction of geologic maps. The field camp is typically six to eight weeks in duration, and students normally attend the course during the summer between their junior and senior years. This course is not offered by St. Norbert College. Students must enroll in a field camp offered by another institution. Prerequisites: geology major and approval of field course by the geology discipline.

**ERTH 490 [4 CR]**  
**INDEPENDENT STUDY**

A course that allows students to pursue an area of study on an individual basis with consultation and evaluation by a Geology faculty member. Course methodology and objectives will be mutually agreed upon by the faculty member and the student. Prerequisite: instructor consent.

**ERTH 492 [4 CR]**  
**DIRECTED RESEARCH**

An arranged course involving substantial laboratory and/or field research in an area of interest to the student and under the supervision of one or more geology faculty members. This course may be based on a group project. Students who wish to use a summer research experience performed at another institution for EARTH 492 credit must have the

discipline's approval prior to undertaking the research. Prerequisite: instructor consent or discipline approval.

**ERTH 496 [4 CR]**

**SENIOR THESIS**

Original field or laboratory research in geology under the supervision of a faculty member in the discipline. The student is required to write a thesis summarizing the objectives, methods, data and significant results of the research. In addition, presentation of research results at a professional meeting is encouraged. Prerequisites: geology major and instructor consent.

**ERTH 499 [0 CR]**

**SENIOR EXAMINATION**

This course consists of an assessment examination covering the various areas of geology in the undergraduate program. The results will help the geology discipline evaluate student achievement and improve the program curriculum. Prerequisite: senior standing. Spring semester.

## **ECONOMICS [ECON]**

**ECON 101 [4 CR, CORE: IS]**

**PRINCIPLES OF MACROECONOMICS**

Introduction to macroeconomic problems — unemployment and inflation. National income accounting — measures of gross domestic product. Aggregate demand and supply. Fiscal and monetary policies. Open-economy issues.

**ECON 102 [4 CR, CORE: IS]**

**PRINCIPLES OF MICROECONOMICS**

Resource allocation by consumer and producer. Derivation of demand and supply curves. Market structure — perfect competition and imperfect competition. Determination of wages and other factor prices.

**ECON 251 [4 CR]**

**INTERMEDIATE MACROECONOMICS AND CONTEMPORARY ISSUES**

Theories of national income, employment, interest rates, exchange rates and the price level, along with an in-depth analysis of the open economy. This course will explore these notions in a theoretical and applied macroeconomic context including topics such as fiscal and monetary policies, financial crises, currency crises, sovereign debt, income inequality and other contemporary issues. Prerequisite: ECON 101. Spring semester.

**ECON 252 [4 CR]**

**INTERMEDIATE MICROECONOMICS**

Consumer demand theory, utility maximization,

elasticity. Theory of the firm; production and cost functions, profit maximization. Price and output decisions under perfect competition, monopoly and imperfect competition. Factor markets. General equilibrium and pareto-optimality, income distribution. Market failure. Prerequisite: ECON 102. Fall semester.

**ECON 300 [4 CR, ADV CORE: WT]**

**HISTORY OF ECONOMIC THOUGHT**

Study of the principal thinkers in economic philosophy. Topics include: ancient and medieval economic thought; mercantilism and the dawn of capitalism; the classical period; criticisms of classical economics; socialism; marginalism; the neoclassical period; institutionalism; John Maynard Keynes; the Austrian school; and the Chicago school. Readings from primary sources. Prerequisite: junior or senior standing.

**ECON 325 [4 CR]**

**INTRODUCTION TO ECONOMETRICS**

Regression analysis, ordinary least squares method of estimating parameters of linear equation involving two or more variables. Hypothesis testing. Problems of estimation. Model building and forecasting. Use of econometric software. Prerequisites: BUAD 228 or SSCI 224 or MATH 321, ECON 101 or ECON 102 or instructor consent.

**ECON 326 [4 CR]**

**ADVANCED APPLIED ECONOMETRICS**

Topics in advanced econometric analysis. Incorporating lags optimally, stationarity and co-integration, simultaneous models, pooling data and systems of equations. Recommended for students interested in graduate study. Prerequisite: ECON 325.

**ECON 330 [4 CR]**

**LABOR ECONOMICS**

Theory of labor supply and demand. Theory of human capital. Compensation issues, wages, fringe benefits, minimum wage. Unions and collective bargaining. Employment and unemployment, measurement issues, labor force participation, full employment, immigration. Income distribution, discrimination. Prerequisites: ECON 101 and ECON 102.

**ECON 335 [4 CR]**

**INDUSTRIAL ORGANIZATION**

Theory of the firm, nature of different market structures, relationship between industry structure and performance, pricing strategies, vertical integration and restriction, role of information and advertising, antitrust policy and its effects.

Prerequisite: ECON 102. Infrequently offered.

**ECON 340 [4 CR]**  
**ECONOMICS OF SPORTS**

Economic analysis of the spectator sports industry. Sports fans as consumers. Teams as profit-maximizing firms. Sports leagues and antitrust considerations. Athlete labor markets. Economics of sports and media. Economics of stadium subsidies. Prerequisites: ECON 102.

**ECON 345 [4 CR]**  
**AN ECONOMIC APPROACH TO RELIGION**

The purpose of this course is to apply principles of economics involving, for example, resource allocation and competition in an effort to increase our understanding of religious behavior. The content is driven by economic theory, but we will see it informed by the important contributions of sociology, psychology, and political science (among other disciplines). The majority of the course employs standard rational economic theory that has been prominent in the modern study of economic behavior. Some of our work will relax this assumption to reflect the contribution of behavioral economics which has recently gathered attention within the discipline. The course will employ both theoretical and empirical analyses. Consequently, the class will develop or extend economic concepts in a step-by-step fashion in order to lead students to predictions of various aspects of religious behavior enabling them to test these predictions with data. Prerequisites: ECON 101 and ECON 102.

**ECON 350 [4 CR]**  
**ENVIRONMENTAL ECONOMICS**

The study of the economic aspects of environmental issues such as water and air pollution, global warming and deforestation, in a microeconomic framework. Possible consequences of economic activity on the environment. Design of policies meant to foster economic development along with environmental protection. Benefit-cost analysis. Optimal use of natural resources. Prerequisite: ECON 102.

**ECON 355 [4 CR, ADV CORE: BB]**  
**INTERNATIONAL ECONOMICS AND BUSINESS IN THE EU**

This Global Seminar Study Abroad course seeks to explore the evolution of the European Union as well as its current and future challenges from the perspective of international economics. Topics covered will include international finance, exchange rates, balance of payments accounting, international trade, as well as international business relations. This

course will include site visits with EU institutions and international businesses operating in the EU. Summer sessions.

**ECON 375 [4 CR, ADV CORE: BB]**  
**GROWTH AND DEVELOPMENT**

Characteristics of developing countries. Theories of economic growth: neoclassical and structuralist models, endogenous growth. Importance of physical and human capital. Export-led growth vs. import substitution. Fiscal, monetary and exchange-rate policies. Regional and global trade agreements. Country studies. Prerequisites: ECON 101 and ECON 102. Infrequently offered.

**ECON 376 [4 CR, ADV CORE: BB]**  
**INTERNATIONAL TRADE**

Comparative advantage, theories of international trade, terms of trade and welfare. Commercial policy-tariffs and quotas. Regional trading blocs, international trade agreements. Prerequisites: ECON 101 and ECON 102.

**ECON 377 [4 CR]**  
**INTERNATIONAL FINANCE AND MONETARY ECONOMICS**

Balance of payments — current account and capital account. Exchange rate determination, purchasing power parity. Open-economy macroeconomics, fiscal and monetary policies, fixed and flexible exchange rates. The role of IMF and World Bank, international debt crisis. Prerequisites: ECON 101 and ECON 102.

**ECON 380 [4 CR]**  
**MANAGERIAL ECONOMICS**

The application of microeconomic theory to managerial decision-making regarding demand, production and cost. Traditional neoclassical theory of the firm combined with modern adaptations addressing property rights, transaction costs, imperfect information and global markets. Use of linear programming techniques, emphasis on critical-thinking skills in managerial problem-solving. Prerequisite: ECON 102.

**ECON 391 [4 CR]**  
**PUBLIC FINANCE**

Role of government — allocation, distribution, stabilization. Welfare economics, externalities, public goods. Public choice theory. Government expenditures, cost-benefit analysis. Government finance, tax vs. debt financing, deficits and the public debt. Taxation theory, income, consumption and wealth taxes. Fiscal federalism, state and local government issues. Prerequisites: ECON 101 and

ECON 102.

**ECON 392 [4 CR]**

**INVESTING IN SOCIAL CHANGE: SOCIAL FINANCE AND IMPACT INVESTING**

While economics studies the behavior of individuals and firms and their role in society, the nature of the firm is beginning to change with regard to social impact. Many firms are seeking to create meaningful social value and address important social issues while in pursuit of their economic value. These firms must be innovative and entrepreneurial in nature, with a firm understanding of capital markets, all while advocating for social change. The purpose of this course is to explore the role of the capital markets in investing for social change and will take an interdisciplinary approach combining notions of finance and portfolio theory, the economics of innovation and technology, philanthropy, and ethics. Ultimately, students will explore how we can reimagine the role of allocating resources in the economy in the context of investing for social impact. Prerequisite: ECON 101 or ECON 102.

**ECON 489 [2 OR 4 CR]**

**SPECIAL TOPICS**

This is a seminar course offered whenever a mutual interest in a more specialized topic in Economics exists for a member of the faculty and a sufficient number of students. Prerequisite: ECON 101, ECON 102, and Junior or Senior standing.

**ECON 490 [2 OR 4 CR]**

**INDEPENDENT STUDY**

Individual study of an approved topic in economics under the direction of an Economics faculty member. Permits faculty and students to explore together some subject of special or personal interest. Reading and tutorial discussion are required, written work is optional. Prerequisite: instructor consent and approval of the associate dean of the Schneider School of Business and Economics.

**ECON 492 [2 OR 4 CR]**

**DIRECTED RESEARCH**

Qualified students may perform economics research projects under the supervision of an Economics faculty member. Prerequisite: instructor consent and approval of the associate dean of the Schneider School of Business and Economics.

**ECON 494 [4 CR]**

**INTERNSHIP**

Appropriate work experience with business firms or government agencies may be undertaken for course credit when directly related to the educational goals

of the student. Prerequisite: instructor consent and approval of the associate dean of Schneider School of Business and Economics.

**ECON 499 [0 CR]**

**SENIOR EXAMINATION**

This course consists of a two-hour exam covering various areas of economics in the undergraduate curriculum. The purpose of this exam is to assess whether graduates of the program are achieving the outcomes of the major program. The results of the exam helps the economics discipline monitor and improve the program. Prerequisite: senior standing. Spring semester.

## **EDUCATION [EDUC]**

**EDUC 101 [4 CR]**

**FOUNDATIONS OF EDUCATION I: BECOMING A COMMUNITY-ENGAGED EDUCATOR**

This foundational course in the teacher preparation program provides a framework for students to deeply and critically examine societal structures/challenges and their impact on the U.S. education system from multiple perspectives. The course addresses the development of schools as institutions from historical, philosophical, political, and sociological perspectives while considering the students, families, and communities schools serve. These topics are framed by discussions of teachers' roles within the education system. Fall semester.

**EDUC 102 [4 CR]**

**FOUNDATIONS OF EDUCATION II: PSYCHOLOGY OF COMMUNITY-ENGAGED EDUCATION**

This second foundational course introduces students to fundamental concepts associated with learning, motivation, human development, and assessment as they apply to teaching. The course helps students to construct conceptual frameworks with which to better understand how learning works, what motivates student learning, and how learning and motivational theories relate to evidence-based best practices. Spring semester.

**EDUC 103 [4 CR]**

**ACCELERATED FOUNDATIONS OF EDUCATION I AND II**

This accelerated course combines content from two classes -- EDUC 101 and EDUC 102 -- by connecting the curriculum through a broad examination of how research on learning, motivation and development can drive school reform to achieve high levels of learning for students with multiple intersectional identities. As students examine a set of

equity-focused strategies for teaching and learning, they develop an understanding of the nature of the U.S. education system, including its strengths, challenges, and achievable changes. Spring semester.

**EDUC 200 [4 CR]**  
**EMERGENT LITERACY**

This course provides preservice teachers with knowledge and skills necessary to promote early literacy development, specifically in 4-year-old kindergarten through grade 3. Students will develop competency and pedagogical strategies in the components of emergent literacy, including oral language development, phonological and phonemic awareness, concepts of print, the alphabetic principle, high frequency vocabulary development, decoding and spelling strategies, and fluency development. A variety of assessment techniques will be examined so that candidates can design instruction to promote literacy development based on students' interests, assets and needs. Candidates will visit emergent literacy classrooms to observe and assist with literacy instruction and observe/assess student learning. This course includes a 12-hour observation requirement completed during class time. Prerequisite: EDUC 101 and EDUC 102. Fall, annually.

**EDUC 278 [4 CR]**  
**CULTURALLY SUSTAINING TEACHING**

This course examines theories of growth, development, and learning as they relate to behavioral management, conflict resolution and positive behavior support for early learners – from birth through age eight. Preservice teachers will be able to identify and use systematic, proactive teaching strategies to support positive behavior. Emphasis will be place on designing, using and interpreting behavioral data collection systems. Emphasis will be placed on the importance of collaboration with students, colleagues, families, and community members to ensure behavioral practices and methods are culturally sensitive, developmentally appropriate and meet the direct social and academic needs of diverse early learners. Prerequisite: EDUC 125 and EDUC 130.

**EDUC 279 [4 CR]**  
**CHILD & ADOLESCENT DEVELOPMENT**

Child & Adolescent Development is designed to offer a critical perspective and examine child and adolescent development as it is shaped and experienced in various social contexts with an emphasis upon the world of the school. We will focus on normative development of the individual personality, from childhood through adolescence. Theories and empirical literature relevant to the

biological, cognitive/intellectual, emotional, social, cultural, and transcultural development of the individual personality are explored. We will explore a variety of lenses to understand child and adolescent behavior and development—models of psychosocial, interpersonal, cognitive, moral, emotional and racial identity development will be studied within the multiple contexts of family, peer group, community and school. You will be encouraged to reflect on your own developmental experiences during childhood and adolescence. The course will also help you to challenge assumptions you may unknowingly hold and gain insight on how it has shaped your perspective and behavior. As such, the course is designed to help you better understand the variety of students you will encounter, while remaining mindful of the larger familial and contextual factors in their lives and your own practices as a teacher. You will also apply your understanding of development in the context of the 4 week Sophomore Block field-based experience. Prerequisite: EDUC 101, EDUC 102 or EDUC 103 and successful completion of Arch 1 criteria. Fall semester.

**EDUC 280 [4 CR]**  
**SUPPORTING & ENGAGING MULTILINGUAL LEARNERS**

This course focuses on the education of culturally and linguistically diverse populations, including the assessment of students who speak languages other than English, the identification of ESL materials, and the application of ESL research-based instructional strategies in working with populations who speak languages other than English. Prerequisite: EDUC 125/101 and EDUC 130/102 or EDUC 198/102. Fall semester.

**EDUC 281 [4 CR]**  
**TEACHING CHILDREN WITH EXCEPTIONALITIES**

The unique needs and rights of children and adolescents eligible for special education services will be studied. Specific classifications of exceptionality include: cognitive, learning, emotional, speech / auditory, visual, physical / health, autism and gifted / talented. Conditions of prevalence, eligibility, transition, assessment, special pedagogy and multicultural considerations will be studied. Students also learn to be informed users of tests, to bring to the task certain domains of knowledge – including knowledge of the basic uses of tests, the important attributes which lead to the development of good tests, and the kinds of behaviors tested by particular tests. References to current issues, legislation and court cases will also occur. Prerequisites: EDUC 123 and EDUC 130; concurrent enrollment in pre-professional block.

**EDUC 289 [2 CR]**  
**SPECIAL TOPICS**

This is a seminar course offered whenever a mutual interest in a specialized topic in education or pedagogy exists for a member of the faculty and a sufficient number of students.

**EDUC 290 [2 CR]**  
**INDEPENDENT STUDY**

This course provides the opportunity to investigate, through independent inquiry and critical analysis, educational theories, practices and agencies which influence the work of teachers. Prerequisites: instructor consent and approval of associate dean of social sciences.

**EDUC 307 [4 CR]**  
**LITERACY METHODS**

This course provides preservice teacher candidates with a solid foundation for effective literacy instruction in grades 4-12. Special emphasis will be placed on vocabulary, fluency, and comprehension, the writing process, and the purposeful selection of texts to facilitate instruction. This course will review research-based teaching strategies, instructional materials as well as methods and assessments for effective literacy instruction. Rigorous learning objectives, informed instructional decisions, and culturally-responsive literacy practices will be highlighted. The primary focus of course content includes core whole-class instruction (tier 1) and flexible small-group instruction (tier 2). A central aim of this course is to help pre-service candidates develop skills to support the literacy learning of diverse learners from different linguistic, cultural and academic backgrounds in classroom settings.

This course is required for teacher candidates seeking a bachelor's degree in Elementary Education or 4-12 English Education from St. Norbert College. Fall semester.

**EDUC 308 [4 CR]**  
**INTERMEDIATE LITERACY**

This course provides preservice teacher candidates with a solid foundation of content knowledge for effective literacy instruction in intermediate and middle school grades. Special emphasis is placed on the purposeful selection and reading of literary and informational texts to facilitate literacy instruction in vocabulary, fluency, and the composition and comprehension of text genres. Teacher candidates conduct close readings and analysis of texts as well as produce effective and high-level writing that demonstrate an understanding of the basic components of the English language. Course

materials address the reading and writing processes, organization of a literacy block, and recent policies and standards impacting classroom teachers.

**EDUC 311 [4 CR]**  
**FIRST NATIONS OF WISCONSIN**

This course will assist pre-service teachers, especially those who identify as non-Indigenous, in developing both a deeper understanding and an appreciation of the twelve First Nations of Wisconsin and of Urban / Intertribal Native Americans. Specifically, students will explore cultural components of each of the twelve First Nations of Wisconsin and contemporary Urban / Intertribal Native American communities. Specific components include: the histories, origin stories, languages, cultures, tribal sovereignty, treaties, and contemporary life Native people, communities, and nations in Wisconsin. Prerequisites: EDUC 101 & 102 or EDUC 103; successful completion of Arch 1 and Arch 2 criteria.

**EDUC 312 [4 CR]**  
**MATH METHODS**

This class is an introduction to research-based pedagogical approaches to teaching mathematics. We will consider multiple issues that relate to effective learning environments, students' and teachers' views and experiences of mathematics, and the field of mathematics education in general. The activities and assignments in this course are designed to motivate you to develop a point of view about how K-9 students might learn mathematics and how you can facilitate that learning. In doing so, we will consider and discuss multiple points of view about mathematics teaching and learning. In particular, we will share materials and methods for teaching problem solving, reasoning, communication, and connections of the concepts, skills, and relationships in elementary/middle mathematics including number sense, place value reasoning, addition, subtraction, multiplication and division, and fractions. Secondary learners will also get to explore algebra and geometry theories and methods as well.

**EDUC 313 [4 CR]**  
**SCIENCE METHODS**

This four-credit course serves as an introduction to K-12 Science, Technology, Engineering, and Mathematics (STEM) teaching, with a specific focus on science teaching. It is based on extensive research into how teachers learn to teach STEM and how students learn STEM. Three major principles have been incorporated into the course design:

Principle 1: Learners come into classrooms with valuable pre-existing ideas, experiences, and language about STEM content and phenomena

happening in the world around them. These have a profound impact on how they experience and interpret instructional activities in the classroom.

Principle 2: Learners make sense of ideas and events through discourse with others (students, families, teachers, scientists, etc.) and teachers must develop systematic ways of engaging students in sense-making discourses for STEM learning.

Principle 3: Teacher learning involves development of ideas about themselves, subject matter, students, and the processes of teaching and learning. These ideas exert influence on a beginner's repertoire of teaching practice. Field experiences in schools, and broader historical, cultural, and political contexts further influence teaching. Repertoires of practice and underlying ideas about teaching are continually "under construction" and worthy of thoughtful reflection and inquiry.

All Methods course activities are built around these principles and embodied in the "Science Learning Framework" shown above. This framework emphasizes the teaching of "Big Ideas" through 3 specialized discourses. These discourses allow all students the opportunity to participate meaningfully in science and STEM more broadly.

#### **EDUC 315 [2 CR]**

##### **CHORAL MUSIC METHODS FOR JUNIOR AND SENIOR HIGH SCHOOL**

A study of the techniques of choral singing, performance style of various periods of music, swing choir techniques, the presentation of high school musicals, choral arranging and the administration of a choral program in the junior and senior high school. Prerequisite: MUSI 381. Fall semester.

#### **EDUC 316 [2 CR]**

##### **INSTRUMENTAL MUSIC IN THE SCHOOLS**

All aspects of administration, budgeting, music literature and rehearsal techniques for the total instrumental music program will be explored. The unique problems of brass, percussion, string and woodwind instrumental music will be studied. The course will include observation and participation in the schools, current marching band techniques and arranging. Prerequisite: MUSI 381. Fall semester.

#### **EDUC 317 [4 CR]**

##### **GENERAL MUSIC METHODS**

This course provides music education majors with the knowledge, skills, methods and materials needed for successful teaching in the elementary general music setting. Music development in children and successful methodologies for elementary music instruction are studied and applied. Piano

accompanying and recorder performance skills are reinforced. Prerequisites: Music Education majors, sophomore standing. Fall semester.

#### **EDUC 319 [4 CR]**

##### **METHODS IN ART EDUCATION**

Designed to help prepare students to be effective teachers of art at the K-12 levels, the course includes experience developing and implementing effective lesson plans, unit plans and the development of a teaching portfolio. Students will also examine the stages of artistic development and appropriate art lessons and teaching strategies for each age group. Students will present two observed lessons in the field at elementary, middle or high school art classrooms and write reflections on teaching. This course is focused on thematic teaching and learning, the connections between art and culture, adaptive art, and the elements and principles of art and design. Students will incorporate WI Act 31, the Wisconsin Core Arts Standards and Wisconsin InTASC Standards in the development of their unit and lesson plans, curriculum, and assessments. Upon successful completion of this course, students will develop a professional portfolio that demonstrates findings of their research as it relates to their teaching. Fall semester, even years.

#### **EDUC 320 [4 CR]**

##### **METHODS IN FOREIGN LANGUAGE EDUCATION**

EDUC 320 is a required course for students seeking Teacher Certification in grades K-12 for world language teaching at St. Norbert College. In this course, pre-service teachers explore approaches, methods, and materials for teaching second and world languages in k-12 classrooms from the perspectives of second language acquisition (SLA) research and through a constructivist theoretical and philosophical lens. This methods course is organized around the World readiness standards commonly referred to as the Five Cs: Communication, Cultures, Connections, Comparisons, and Communities. Particular emphasis is placed on implementing communicative and task-based approaches to promoting language skills and language learning strategies. This course emphasizes the development of effective decision making by constantly drawing connections between theory and practice and encouraging reflection on students' language learning and teaching experience.

#### **EDUC 326 [4 CR]**

##### **SOCIAL STUDIES METHODS**

This is a required course for students seeking Teacher Certification in grades K-9 and grades 4-12 social studies. In this course, pre-service teachers explore

methods for teaching social studies in K-12 classrooms through a constructivist theoretical and philosophical lens. Pre-service teachers examine how social studies methods meld with theories of learning, curricular development, evaluation, and contemporary classroom practices. Particular emphasis is placed on theory-to-practice strategies and on self- and peer-evaluation as well as instructor-, field work supervisor-, and mentor teacher-evaluation as part of pre-service teachers' preparation in becoming successful, effective, and culturally responsive educators.

This 4-credit course meets for three, 60-minute class periods each week. In addition, pre-service teachers will complete a 5-6 week middle or high school social studies field placement during the semester. Prerequisites: EDUC 125 and EDUC 130; concurrent enrollment in pre-professional block.

#### **EDUC 384 [4 CR]**

##### **CONFERRING WITH READERS AND WRITERS**

The purpose of this course is to deepen preservice teachers' understanding of literacy instruction and pedagogies through participation in a writing community and the facilitation of reading and writing conferences. Although conferences appear to be informal conversations to novice onlookers, they are in fact both highly principled assessment and teaching opportunities designed to move readers and writers along learning pathways. Used strategically, conferences can be powerful interventions that address students' specific reading and writing needs. In this capstone literacy course candidates will apply their knowledge of literacy instruction to understand how to differentiate instruction to meet the needs of all learners. Field component included.

#### **EDUC 394 [4 CR]**

##### **CURRICULUM AND INSTRUCTIONAL PLANNING FOR YOUNG CHILDREN**

This course will focus on curriculum, methodology, instructional content and classroom management for pre-school and kindergarten-age children. Examples include attention to number concepts, science and investigation, early language experiences, the use of art and drama, and classroom design with special consideration of health and safety issues. Attention will be given to the implementation of developmentally appropriate practice as it relates to selecting, planning, organizing, presenting and evaluating educational experiences appropriate to the developmental level and cultural background of children. Classroom management will be put into practice during labs in the St. Norbert College Children's Center. Prerequisite: satisfactory

completion of sophomore block and Gate 2 requirements.

## **STUDENT TEACHING COURSES**

#### **EDUC 445 [4 OR 8 CR]**

##### **STUDENT TEACHING: MIDDLE CHILDHOOD**

Pre-service teachers spend nine weeks of full participation in an elementary classroom under the direction of a cooperating teacher from a local public or private school and a college supervisor. During the student teaching practicum, each student must participate in a seminar once a week. Prerequisite: approval to student teach. Graded on a S/U basis.

#### **EDUC 450 [4 OR 8 CR]**

##### **STUDENT TEACHING: EARLY ADOLESCENCE**

Pre-service teachers spend nine weeks of full participation in a middle school classroom under the direction of a cooperating teacher from a local public or private school and a college supervisor. During the student teaching practicum, each student must participate in a seminar once a week. Prerequisite: approval to student teach. Graded on a S/U basis.

#### **EDUC 455 [4 OR 8 CR]**

##### **STUDENT TEACHING: ADOLESCENCE**

Pre-service teachers who seek certification to teach in a high school spend nine weeks of full participation in a local public or private high school under the direction of a cooperating teacher and a college supervisor. During the student teaching practicum, each student must participate in a seminar once a week. Prerequisite: approval to student teach. Graded on a S/U basis.

#### **EDUC 469 [4 OR 8 CR]**

##### **STUDENT TEACHING: GENERAL MUSIC**

Prospective general music teachers spend nine weeks of direct observation and participation in a local public or private elementary and/or middle school under the direction of a cooperating teacher and a college supervisor. Prerequisite: approval to student teach. Graded on a S/U basis.

#### **EDUC 470 [4 OR 8 CR]**

##### **STUDENT TEACHING: CHORAL MUSIC**

Prospective choral music teachers spend nine weeks of direct observation and participation in a local public or private elementary and/or middle school under the direction of a cooperating teacher and a college supervisor. Prerequisite: approval to student teach. Graded on a S/U basis.

#### **EDUC 475 [2, 4 OR 8 CR]**

##### **STUDENT TEACHING: INSTRUMENTAL MUSIC 1**

Prospective instrumental music teachers spend nine

weeks of direct observation and participation in a local public or private secondary school under the direction of a cooperating teacher and a college supervisor. Prerequisite: approval to student teach. Graded on a S/U basis.

**EDUC 477 [0 CR]**

**GLOBAL STUDENT TEACHING**

Pre-service teachers spend half of their placement student teaching abroad. Placements have been made in England, Ireland, Wales, Scotland, Costa Rica, New Zealand, Ghana and St. Lucia. Prerequisite: approval to student teach in the United States, demonstrated evidence of dispositions, and an overall GPA of 3.0 or higher. Graded on a S/U basis.

**EDUC 489 [2 OR 4 CR]**

**SPECIAL TOPICS**

This is a seminar course offered whenever a mutual interest in a more specialized topic in education or pedagogy exists for a member of the faculty and a sufficient number of students.

**EDUC 490 [2 OR 4 CR]**

**INDEPENDENT STUDY**

Individual study of an approved topic in education or teacher training under the direction of an education faculty member. Independent study permits faculty and students to explore together some subject of special or personal interest. Prerequisites: instructor consent and approval of the associate dean of social sciences.

**EDUC 492 [2 OR 4 CR]**

**DIRECTED RESEARCH**

Qualified students may perform projects in educational research under the supervision of an education faculty member. Prerequisites: instructor consent and approval of the associate dean of social sciences.

**EDUC 494 [4 CR]**

**INTERNSHIP**

Appropriate work experience in schools, government agencies or firms and foundations supporting education may be undertaken for course credit when directly related to the educational goals of the student. Prerequisites: instructor consent and approval of the associate dean of social sciences.

**EDUC 499 [2 CR]**

**STUDENT TEACHING SEMINAR**

A seminar devoted to the discussion and analysis of practical issues of teaching as experienced in students' full-time directed student teaching semester. This course also is devoted to the guidance

and completion of the Teacher Work Sample and preparation for job search. It incorporates presentations and panels by experienced educators as well as large- and small-group interaction to promote reflection and inform beginning teachers.

## **ENGINEERING [ENGR]**

**ENGR 150 [4 CR, CORE: PN]**

**ENGINEERING DESIGN - ROBOTICS**

The purpose of this course is to introduce students to basics robotics, autonomous systems design, planning, and control of robot systems. This will be a project-based experience which will include an overview and introduction of robotics in practice with topics including vision, motion planning, computation, mobile mechanisms, kinematics, sensors and feedback.

**ENGR 152 [4 CR]**

**ENGINEERING DESIGN - SENSORS**

This course is intended to provide engineering physics students an opportunity to explore elements of research and development through the completion of hands-on electronics projects. Students will engage the engineering design process through problem identification, system design and construction, calibration and testing, and effective communication of results. The primary focus of the course will be on the design and creation of data acquisition and control systems using a variety of electronic sensors (resistive, photoelectric, electromechanical, inductive, capacitive), signal conditioning electronics, and computer interfacing, leading to the development of integrated measurement and control systems.

**ENGR 211 [4 CR]**

**ENGINEERING MECHANICS**

A treatment of applied Newtonian mechanics focusing on rigid body mechanics, viscous forces, vibrations, noninertial reference frames, system dynamics, Lagrangian mechanics, and computational solutions to real problems. Prerequisites: PHYS 122; MATH 130 or MATH 131.

**ENGR 225 [4 CR]**

**CIRCUIT ANALYSIS AND DESIGN**

An introductory course in analog and digital electronics with an emphasis on the analysis, design, construction, and evaluation of working electronic devices. Topics include DC circuit analysis techniques (Ohm's Law, Kirchhoff's Laws, Mesh & Nodal Analysis, Thevenin & Norton equivalent circuits, and Superposition). Time-dependent (RC,

RL) circuits. AC circuits (sinusoidal analysis, complex variables, phasors). Resonant circuits, transformers, and filters. Diode circuits (voltage limiters, rectifiers). Transistor (BJT, FET) circuits and switching. Analysis and design of operational amplifier circuits. Introduction to digital logic and Boolean algebra. Design, construction, and evaluation of digital logic circuits, prototyping, and testing. Lectures and one laboratory period per week. Prerequisites: ENGR 152 or PHYS 122, and MATH 132. Fall semester, alternate years.

### **ENGR 250 [4 CR]**

#### **AUTOMATED SYSTEMS DESIGN**

An advanced course in the design and construction of automated sensory, control, and data acquisition systems. Students will participate in several multi-week projects in collaboration with their physics colleagues, requiring strong coordination, clear communications, and a firm understanding of experimental methods, uncertainty analysis, and experimental design in order to design and construct working experimental apparatus. Students will gain experience with the tools and practices associated with the development of automated systems, including the design and fabrication of parts and assemblies, construction and testing of systems, creation of assembly drawings, oral presentation of results, and the writing of user's manuals. Students will also gain valuable experience in leadership, scheduling, budgeting, procurement, and overall project management. Three lectures and one laboratory period per week. Prerequisites: PHYS 225, MATH 132. Spring semester, alternate years.

### **ENGR 311 [4 CR]**

#### **THERMODYNAMICS**

An intermediate treatment focusing on the first and second laws of thermodynamics, thermodynamic properties of pure substances, applications of thermodynamic systems operating in steady state and transient processes including one and two-dimensional steady state heat conduction, transient heat conduction and computational methods in energy transfer.

### **ENGR 352 [4 CR]**

#### **APPLIED OPTICS**

An introduction to the current fields of optics, lasers, and their applications. The foundations of modern optics will be laid, including the electromagnetic and quantum mechanical theory of light, geometric and wave optics, instrumentation, polarization, lasers, and modern optical components. Emphasis will be placed on the design and implementation of complex optical systems, including microscopy methods and

precision measurements. Prerequisite: PHYS 241.

### **ENGR 411 [4 CR]**

#### **ENGINEERING QUANTUM MECHANICS**

An advanced treatment of the principles and methods of quantum mechanics related to engineering applications. Topics include the Schrodinger equation, the harmonic oscillator, the hydrogen atom, quantum statistics, and applications of quantum mechanics to solid state physics, nanoscale material structures, electronics, optoelectronics, and other modern engineering technologies. Prerequisite: PHYS 241. Co-requisite: MATH 210/310. Spring semester, alternate years.

### **ENGR 494**

#### **INTERNSHIP (ENGINEERING)**

Appropriate work experiences with businesses, governmental agencies, non-profit organizations, or schools may be undertaken for course credit, when directly related to the educational goals of the student. The work done or a description of the field experience is not sufficient for academic credit; there must also be evidence of reflective analysis and interpretation of the experience which relates it to the basic theory in related areas. This course will allow students pursuing Physics, Engineering and Robotics to complete internships for credit while also developing career readiness skills. Instructor permission is required.

## **ENGLISH [ENGL]**

### **ENGL 101 [4 CR, CORE: WI]**

#### **ENGLISH COMPOSITION**

This course introduces the basics of college-level writing. In it, students will learn effective strategies of argumentation, including: creating a coherent claim or thesis; analyzing and responding to others' arguments; handling and citing evidence; and adapting written work to different audiences and subjects. Students will also learn how to make their ideas clear and coherent at the level of sentence, paragraph and document. Writing assignments may be on a variety of topics and students should expect to draft and revise their writing. Available only through the College Jump Start Program. ENGL 101 does not fulfill an English major requirement.

### **ENGL 150 [4 CR, CORE: EI, WI]**

#### **LITERATURE AND WRITING**

In this topic-focused course, students cultivate an appreciation for literature and develop the skills of close reading and analysis. ENGL 150 is writing intensive, so students can expect to develop

foundational writing skills in a variety of genres and modes. Topics vary by instructor.

**ENGL 201** [4 CR, CORE: EI, WI]  
**INTRODUCTION TO LITERARY STUDIES**

How can stories help us find successful careers and lead purposeful lives? Intended for those considering or already majoring/minoring in English, this course introduces the analytical and written skills of literary studies. Students will practice foundational methods (close-reading, research, citation) and study central genres (poetry, drama, short stories, novels). Taking up such topics as identity discernment in the context of community, we will discover how literary studies can be used to explore diverse ways of living a purposeful life during and beyond college. In this vein, we will also consider how students can apply the skills of literary studies through a variety of careers and vocations. If not a major/minor, email instructor for approval to register. Fall semester.

**ENGL 203** [4 CR, CORE: EI]  
**SCIENCE FICTION AND FANTASY**

This course explores the history, genre conventions, and cultural and economic impact of science fiction and/or fantasy literature and media. In particular, students will examine how speculative fiction comments on important societal and cultural issues, including race, class, gender, spirituality, and colonialism.

**ENGL/WMGS 206** [4 CR, CORE: DD]  
**QUEER LITERATURE**

This course explores queer storytelling in a range of genres and media, including fiction, memoir, poetry, performance, and film. As we investigate how literature shapes the way we understand our relationship to sex, desire, and embodiment, we also engage with a growing body of queer and transgender scholarship in order to think about how our experiences of our bodies are conditioned by our position in the social/political world.

**ENGL 210** [4 CR, CORE: EI]  
**INTRODUCTION TO FILM**

This introductory course examines the basics of filmmaking through an exploration of various genres, including drama, romantic comedy, and the American western, among others. Students will view a wide selection of films and will learn to discuss the uniquely visual and aural narrative components of the medium. Students discuss elements such as film style, mise-en-scène, cinematography, film editing, and film sound.

**ENGL 212** [4 CR, CORE: WT]  
**THE MODERN BRITISH NOVEL**

This course looks at the ways English, Irish, and Scottish writers in the 20th century experimented with the form of the novel in the context of social, political and ideological history. Throughout the semester students will interrogate what “modern” looks like across a variety of novels published from 1900 to the present, as well as how the modern novel differs from Victorian and postmodern novels.

**ENGL 215** [4 CR, CORE: EI, WI]  
**INTRODUCTION TO CREATIVE WRITING**

Students learn and practice the elements of craft for creative prose and poetry writing. They read works by published poets, essayists, and fiction writers, and share their original works with classmates. They also complete one critical essay devoted to an element of creative writing craft.

**ENGL 220** [4 CR, CORE: WT]  
**CLASSIC AMERICAN NOVEL**

This course introduces students to the American novel tradition from the early nineteenth through the twentieth and twenty-first centuries. Students learn about the major genres, artistic movements, and historical transformations of American literary history. Through debate, discussion, and analysis, students consider and critique what it means when we identify a novel as “classic” or “great.”

**ENGL 221** [4 CR, CORE: DD, WI]  
**THE AMERICAN SHORT STORY**

This course concentrates on the development and diversity of the American short story by studying stories from writers such as Irving, Hawthorne, Poe, Jewett, Wharton, Hughes, Hemingway, Walker, Alexie, Cisneros, Lahiri, and others. The course includes analysis of individual stories as well as collections with an emphasis on the wide range of voices that have contributed to the short story tradition in American literature.

**ENGL 222** [4 CR]  
**MODERN POETRY**

This course offers an historical overview of poetic development from the late 19th century through the contemporary moment in Britain and the United States. It explores modern poetry by poets in the context of modernism – an international, interdisciplinary movement that spanned both world wars and included literature, music, drama, art and film. The course will help students develop and practice their skills at reading and analyzing poetry.

**ENGL 225 [4 CR]**  
**SURVEY OF ENGLISH LITERATURE 1 – BEGINNINGS TO 1789**

This course provides an overview of the continuity and development of various traditions of literature of the British Isles from the early medieval period up to the French Revolution. Readings aim to develop understanding and appreciation of the broad sweep of English literature, including both canonical works and lesser-read texts. Fall semester.

**ENGL 226 [4 CR]**  
**SURVEY OF ENGLISH LITERATURE 2 – 1789 TO THE PRESENT**

This course provides an overview of various traditions of literature written in the British Isles and in the many parts of the globe colonized by the British Empire. The course covers various historical movements from the Age of Revolutions to the present and orients students to a broad sweep of English literature while also raising questions about what work the “English” in English literature does. Spring semester.

**ENGL 235 [4 CR]**  
**SURVEY OF U.S. LITERATURE 1 – BEGINNINGS TO 1865**

This course introduces students to the major writers, literary movements and cultural and historical contexts in the U.S. from its origins to the end of the Civil War. Students examine Native American creation stories, trickster tales, encounter narratives, Puritan prose and poetry, the literature of the Enlightenment and Revolutionary War, slave narratives and the rise of romanticism. Fall semester.

**ENGL 236 [4 CR]**  
**SURVEY OF U.S. LITERATURE 2 – 1865 TO THE PRESENT**

This course introduces students to the major authors, periods and literary movements in the U.S. from the end of the Civil War to the present. Students read the works of poets, fiction writers and dramatists beginning in the area of the Civil War and moving into the rise of realism and naturalism, through the modernist movement in the U.S., to the postmodern era. Spring semester.

**ENGL 240 [4 CR, CORE: CI]**  
**MODERN CATHOLIC FICTION**

This course explores twentieth and twenty-first Catholic novels, short stories, film, and drama. It focuses on how the Catholic intellectual tradition has been particularly fruitful for fostering artistic ways of imagining humans’ encounters with the divine. Students analyze how the fiction of Catholic writers

has served as a way to engage theological concepts, critique societal injustice, examine religious institutions, and express a diverse variety of faith experiences.

**ENGL 289**  
**SPECIAL TOPICS**

This small-group seminar concentrates on a variety of literary concerns and special interests, ranging from single authors to movements, motifs or themes. Topics vary by semester. Course is repeatable with advisor’s and instructor consent.

**ENGL 290 [4 CR]**  
**INTRODUCTION TO WRITING STUDIES**

This course introduces students to rhetoric and composition/writing studies pedagogies in the context of supporting these skills in K12 and other contexts. Students will take a deep dive into grammar through the lenses of rhetoric and style. They will also gain introductory expertise in responding to student writing/feedback, supporting second language/L2 writing/multilingual writers, and employing antiracist/inclusive classroom strategies. ENGL 290 is one of the courses required for all English Education students.

**ENGL 302 [4 CR]**  
**COMPOSITION THEORY AND WRITING**

What do we do when we study rhetoric, composition, and writing studies? This course asks students to explore the wide range of writing studies methodologies (the overarching strategies and rationale of your research, and the lens through which you analyze) and writing studies methods (the specific tools/procedures to collect and analyze data and answer your research questions). Students will grapple with the practical, theoretical, and ethical issues involved in writing-related research.

**ENGL 304 [4 CR]**  
**CREATIVE NONFICTION WORKSHOP**

Designed to introduce students to creative nonfiction, a genre that includes the personal essay, memoir and literary journalism. Students will read and discuss published essays, practice elements of the genre, share work with classmates, and compose and revise several essays.

**ENGL 305 [4 CR]**  
**LITERARY THEORY AND WRITING**

What do we do when we study literature? In this course, we will explore some of the ideas and practices that make literary study distinct from other ways of reading and writing. Each unit of the class will pair study of a literary text with a particular

orientation toward literary criticism: structures and forms; surfaces and depths; and affects and ecologies.

**ENGL 306** [4 CR; ADV CORE: EI, WI]  
**PROFESSIONAL WRITING**

This course teaches students to write effectively in a professional context. In it, students will become acquainted with the basic genres of professional communication, such as research briefs, project/grant proposals, public outreach documents, web design, résumés, and cover letters. They also learn a range of strategies for controlling their argumentation, organization, and prose style in a professional setting. Importantly, students will conduct this work on behalf of a local non-profit organization. In that way, they will be asked to apply the skills learned in this course for a variety of real-life leaderships, each with its own strongly held values.

**ENGL 307** [4 CR]  
**FICTION WORKSHOP**

This course covers the fundamental principles of writing short stories: plausibility, plot construction, point of view, characterization, setting, style and the use of evocative details. The approach is workshop/tutorial. Some readings in short fiction and in theories of fiction are required.

**ENGL 308** [4 CR]  
**POETRY WORKSHOP**

This course focuses on the writing of poetry. The approach is workshop/tutorial. Students will read and critique each other's works; they will also read works by currently publishing poets.

**ENGL 309** [4 CR]  
**AFRICAN AMERICAN NOVEL**

Beginning with one of the most important texts in the African American literary canon, Frederick Douglass' slave narrative, the course traces the historical trajectory from antebellum autobiography to the contemporary protest novel in African American literature. The course analyzes these texts in relation to a variety of social, political and artistic historical moments: the rise of slavery, reconstruction, the Harlem Renaissance, the Black arts movement and the civil rights movement.

**ENGL/WMGS 310** [4 CR]  
**RACE AND SEX IN CONTEMPORARY U.S. TEXTS**

This course examines race and gender in Native American, U.S.-Latinx, African-American and Asian-American texts in the contemporary United States (1960s to present). Students investigate themes such as immigration, dispossession, and solidarity as

they study the political and cultural underpinnings of the texts.

**ENGL/WMGS 311** [4 CR]  
**WOMEN AND LITERATURE**

Through exploring literary texts by women, this course analyzes how the construction of "woman," sex and gender has changed over time and investigates how it intersects with issues of race, class, sexuality and nationality. By using feminist literary theory, the course engages the most pressing issues in the field from ideas of women's literary voice to claims that challenge female authorship altogether. Special topics may include contemporary women writers, gender and 19<sup>th</sup>-century novel, medieval and early modern women writers, and ethnic women writers.

**ENGL 313** [4 CR, ADV CORE: EI, WI]  
**WRITING FOR THE WORLD**

Writing for the World introduces students to the myriad ways writing works its way into the real world. Course themes include the exploration of real-life writing genres (e.g., feature articles, profiles, reviews, grant proposals, blogs, podcasts, social media marketing), copy-editing and publishing, digital and multimodal writing, informational writing, visual rhetoric, and more. Features of the class include collaborative projects, engaged writing workshops, and relating writing experiences to one's personal goals and career interests. Prerequisite: a lower-division WI course. Spring, annually.

**ENGL 314** [4 CR]  
**MODERN DRAMA**

This course involves the study of dramatic works written between 1949 and 1993, focusing particularly on innovations in form and content that date back to Ibsen's work in the late nineteenth century. Students will discuss avant-garde trends of the twentieth century but will largely focus on the shadow cast by nineteenth century realism onto British, Irish, and American drama as well as the postwar emergence of absurdism.

**ENGL 315** [4 CR]  
**ROCK AND ROLL MOVIES**

Rock and Roll Movies is an interdisciplinary examination of the advent and journey of rock and roll music as it has been represented onscreen from 1955 through 2021. The class focuses specifically on the birth of rock and roll in the 1950s through the height of its influence in the late 1970s and examines the deathless mythologies that helped to shape not only the future of popular music but also the emergence of subversive subcultures that continue to

inform signifiers of rebellion and anti-mainstream subcultures well into the 21st century. A distinctly visual art form, rock and roll has long been a source of interest to filmmakers caught in its thrall; we'll be listening to, reading about, and watching the ways that cinema has reflected, reinforced, and reshaped the powerful cultural narratives of rock throughout the 20th century and lamented its demise in 21st century nostalgia markets.

**ENGL 317 [4 CR]**  
**NINETEENTH-CENTURY AMERICAN NOVEL**

This course studies American novels of the 19th century that were produced during a creative and industrial heyday in American literary history. Students explore examples from romantic, gothic, sentimental, abolitionist, naturalist, and sensation novels, focusing on such issues as canonicity, popularity, "masterpieces," readership, and accessibility.

**ENGL 318 [4 CR]**  
**THE MODERN AMERICAN NOVEL**

This course traces the development of the American novel from 1900 to the present, placing examples of the genre within the changing social, artistic, political and historical patterns of the 20th-century United States.

**ENGL 321 [4 CR, ADV CORE: WT]**  
**DANTE: THE DIVINE COMEDY**

This course leads students in the close and careful study of Dante's "Divine Comedy" in modern English translation, following its protagonist through hell, purgatory, and heaven. Students will explore the historical, theological, and artistic context of this great medieval poem, as well as ponder what it might teach us about human nature and values, ethics, and the purpose of life.

**ENGL 322 [4 CR]**  
**MEDIEVAL LITERATURE**

This course explores the literary and intellectual developments that took place between the sixth and the fifteenth centuries in Europe. It shows how aspects of medieval religion, philosophy, and aesthetics influence the ways we think, read, and write today. Special topics may include medieval romance and chivalric quests, dreams and visions, gender and sexuality, race and ethnicity, and devotional literature, among others.

**ENGL 323 [4 CR]**  
**THE HARLEM RENAISSANCE**

This course examines the flowering of culture—in the areas of literature, music, dance and art—that

took place predominantly during the 1920s for black Americans in Harlem, N.Y., a movement that has become known as the Harlem Renaissance. The course places this cultural renaissance, or rebirth, within the historical context out of which it grew—the modernizing America in a post-WWI era, the rise of jazz and the blues, and the Great Migration, among other factors. We will study writers, intellectuals, and visual and performing artists whose work demonstrates the debates and major contributions of this historical movement.

**ENGL 325 [4 CR]**  
**CHAUCE**

This course explores the works of Geoffrey Chaucer, including the "Canterbury Tales," "Troilus and Criseyde," and/or his dream poetry in the original Middle English. Students will pay close attention to the poet's language and style, as well as discover the medieval world that he inhabited.

**ENGL 327 [4 CR, ADV CORE: DD]**  
**RACE IN PREMODERN ENGLAND**

The concept of race, it is generally acknowledged, originates at the dawn of modernity with the colonization of the New World and the beginnings of the transatlantic slave trade. In this course, we will turn instead to the preceding period and explore how early English literature, primarily that written in the fourteenth century, conceives of, represents, and articulates human difference centuries prior to the emergence of modern racial ideologies. We will place these literary works in conversation with other historical sources including visual art, archaeological and legal records, and maps. At every step of the way, we will also consider whether and how these materials speak to issues of race and racism in the United States today.

**ENGL 329 [4 CR]**  
**LITERATURE OF SERVICE**

This course addresses concepts of American culture through the dual lenses of literary texts and community-based learning. The course explores individuals and communities in crisis or transition as a result of poor health, poverty, immigration, homelessness and gendered, sexual, racial or ethnic discrimination. Throughout the semester, paired students regularly volunteer at local community service agencies and expand their knowledge of these concepts by writing reflection journals as well as various forms of researched persuasive critical writing (literary analysis, opinion editorials, grant proposals and newsletters). Students will examine their service-learning experiences and writing as

connected to the literature in the course, in order to consider their own vocations in the world.

**ENGL 334 [4 CR]**

**MILTON**

This course examines Milton's major works, including his masterful Biblical epic "Paradise Lost." In particular, students will explore how Milton responded and contributed to the literary, philosophical, theological, and scientific thought of seventeenth-century England.

**ENGL 339 [4 CR]**

**SHAKESPEARE**

This course explores the major plays and poems of William Shakespeare. In addition to situating Shakespeare's works within their historical, political, and literary context, this course also examines their enduring cultural and artistic impact around the world. Fall semester.

**ENGL 350 [4 CR]**

**MAJOR AUTHORS**

This course guides students in a deeper dive into an author's body of work. The choice of author varies depending on the instructor. PREREQ: ENGL 305 or 306.

**ENGL 356 [4 CR, ADV CORE: BB]**

**POSTCOLONIAL LITERATURE**

This course covers 20<sup>th</sup>- and 21<sup>st</sup>-century literature composed by writers grappling with colonialism or its enduring legacy. Students will read and respond to a variety of postcolonial literature and cultures, which may include poetry, short fiction, novels, film, and postcolonial theory. The course usually covers literature written in English from India, Pakistan, Africa, and the Caribbean, but may also explore literature from other countries or continents with a history of colonialism.

**ENGL 358 [4 CR]**

**DETECTIVE FICTION**

Since its rise to prominence in the mid-nineteenth century, detective fiction has remained one of the most enduringly popular genres of narrative. In this course, we will examine the development of the detective story and track the figure of the detective from their early days to the present moment. Along the way, we will ask what the rise in crime fiction has to do with the growth in national policing and the expansion of global imperialism.

**ENGL 385 [4 CR, ADV CORE: WT]**

**HEROES AND SAGES**

Students will consider how concepts of heroism and wisdom pervade human cultures and how they

evolve. The interdisciplinary approach includes a range of texts from around the world as we consider how humans have struggled to evaluate what we consider brave and wise.

**ENGL 389 [4 CR]**

**SPECIAL TOPICS**

This small-group seminar concentrates on a variety of literary concerns and special interests, ranging from single authors to movements, motifs or themes. Topics vary by semester. Course is repeatable with advisor's and instructor's consent.

**ENGL 425 [4 CR]**

**ADVANCED SEMINAR IN CREATIVE WRITING AND CONTEMPORARY LITERATURE**

Students critique each other's fiction, poetry and creative nonfiction and study the works of contemporary writers and poets. The class includes individual tutorial sessions. Students are expected to complete a course portfolio of selected original works. Prerequisites: ENGL 304, ENGL 307 or ENGL 308.

**ENGL 490 [2 OR 4 CR]**

**INDEPENDENT STUDY**

This course allows staff and students to explore together topics of special interest.

**ENGL 494 [4 CR]**

**INTERNSHIP**

An internship experience allows students to apply their studies in a supervised work situation. Students benefit from an inside look at different kinds of organizations by having a chance to work in their field of study and by gaining experience with state-of-the-art equipment and practices. Prerequisites: junior or senior standing and instructor consent.

**ENGL 498 [4 CR]**

**ENGLISH CAPSTONE**

This seminar completes the English major by offering students a chance to explore literary writing, theory and history through a signature project, and to connect their knowledge and skills to vocations beyond college. Students should register for ENGL 499 in collaboration with this course unless otherwise advised. Prerequisite: ENGL 350.

**ENGL 499 [0 CR]**

**ENGLISH PORTFOLIO**

All English majors are required to collect and submit a senior English portfolio (one essay or writing assignment from each ENGL course taken, plus a self-evaluative introductory essay) in order to fulfill the ENGL 499 graduation requirement. During their

four years of coursework, English majors should electronically store their essays and writing assignments, and the final portfolio will be built from this stored written work. Senior English majors enroll in ENGL 499 during their final semester, and completed portfolios are due at the conclusion of the semester. Prerequisite: senior standing.

## **ENGLISH AS A SECOND LANGUAGE PROGRAM [ESLI]**

### **ESLI 042 [0 CR]**

#### **BEGINNING READING**

Students increase their vocabulary, read faster, and understand more of what they read. They develop reading strategies such as skimming, scanning, guessing meaning from context, previewing and predicting. Students practice reading authentic material such as short reading passages, simplified short stories and news articles, and an abridged ESL novel.

### **ESLI 043 [0 CR]**

#### **BEGINNING WRITING**

Students improve their ability to write in English by learning to write simple and compound sentences in English and short, well-organized simple paragraphs which include title, topic sentence, supporting sentences, and a conclusion. Students practice rules of punctuation and capitalization, as well as learn spelling rules. In addition to learning basic writing skills, students study simple verb tenses, nouns, pronouns, adverbs and adjectives.

### **ESLI 044 [0 CR]**

#### **BEGINNING SPEAKING**

Students learn to communicate in English in everyday situations. They learn to ask and answer questions, use the telephone, take messages, pronounce and note simple numbers, and perform functions such as initiating conversations, asking for directions, making invitations, closing conversations, etc. Class activities include performing simple role plays, participating in small groups, and presenting three-minute visual presentations. Students engage in authentic dialogue.

### **ESLI 045 [0 CR]**

#### **BEGINNING LISTENING**

Students practice listening to authentic taped conversations and monologues on topics of general and cultural interest. The focus in this class is on listening to discourse that is no more than five minutes in length. Students work on understanding

phrases, simple sentences and questions, as well as perceiving stress and basic intonation patterns.

### **ESLI 051 [0 CR]**

#### **GRAMMAR TOPICS 1**

Students learn and review specific grammar topics including simple tenses, present perfect tense, correct use of nouns, adjectives, and some modals.

### **ESLI 052 [0 CR]**

#### **BUILDING READING VOCABULARY**

This reading skills course develops skills in reading speed and comprehension. Students are introduced to reading strategies such as skimming, scanning, guessing meaning from context, previewing, predicting, making inferences and giving opinions. Reading materials include short stories, news articles, computer passages and a simplified novel.

### **ESLI 053 [0 CR]**

#### **INTRODUCTION TO ESSAY WRITING**

In this course students learn to write well-organized and coherent paragraphs that include a topic sentence and detailed supporting sentences. Students practice a variety of writing styles and forms, which may include narrative, descriptive and expository paragraphs, journals, and letters. By the end of the term, students understand and write a three-paragraph essay. Grammar study includes review and practice of the simple and present perfect tenses, study and practice of noun forms, adjectives, modals, gerunds and infinitives.

### **ESLI 054 [0 CR]**

#### **CULTURAL IMMERSION 1**

In this course students actively practice speaking skills for a variety of situations including requesting and giving information, and practice strategies for beginning, maintaining and ending a conversation. Special attention is given to pronunciation, intonation and correct grammar usage. Activities may include making introductions, giving demonstrations and short speeches, role playing, and group discussions. Active participation in daily classroom activities is required.

### **ESLI 055 [0 CR]**

#### **INTERACTIVE LISTENING**

In this course students learn to listen for details and inferences as well as main ideas. Students summarize passages heard on tape or video. Students learn to discriminate between different stress and intonation patterns, recognize and identify verb tenses, possession markers and plurality.

**ESLI 065 [0 CR]**  
**AMERICAN SOCIETY**

In this content-based listening/speaking course, students are introduced to American culture and values. Class themes include education in America, ethnic and racial assimilation, women and work, American government, religion, and entertainment. Activities may include reading, discussing and analysis of video/movie segments. Classes are frequently supplemented with class trips in the community. Students develop confidence in their ability to use American English as they gain a better understanding of American society.

**ESLI 066 [0 CR]**  
**CULTURALLY SPEAKING**

This speaking course introduces students to American culture through classroom discussions and role-playing. The class focuses on improving aural/oral skills while giving students the opportunity to communicate in authentic language situations. Students improve listening and speaking skills by comparing and contrasting cultures, including their own.

**ESLI 067 [0 CR]**  
**PUBLIC SPEAKING**

This course develops the oral communication skills of intermediate and advanced-level ESL students. Emphasis is given to speaking in academic, business and professional situations. Reading and writing are also required components of the class. Students develop analytical skills by identifying issues, evaluating options and solving problems. A wide variety of materials and methods may be used to achieve course goals.

**ESLI 071 [0 CR]**  
**GRAMMAR TOPICS 2**

Students learn and review specific grammar topics including perfect and perfect progressive tenses, general verb review, nouns and pronouns, modals, and passive.

**ESLI 072 [0 CR]**  
**SKILLS FOR READING SUCCESS**

This intermediate-level reading class emphasizes reading strategies such as skimming for ideas, scanning for specific information, separating fact from opinion, guessing meaning from context, making inferences and understanding humor. Students improve reading speed and comprehension using such materials as short stories, news articles, and abridged and unabridged novels. An important

part of the course is the transition from ESL reading material to authentic first-language texts.

**ESLI 073 [0 CR]**  
**ESSAY WRITING**

This course teaches students to develop a written paper into a unified, coherent, well-supported five-paragraph college-style essay that incorporates clearly written sentences in a variety of styles and mature (complex) sentences. Writing tasks include in-class timed essays, out-of-class process essays with two to three drafts each, summaries of newspaper and magazine articles, and reactions to readings with opinions and personal reflections.

**ESLI 074 [0 CR]**  
**CULTURAL IMMERSION 2**

Students develop oral communication skills. Emphasis is given to speaking in academic, business and professional situations. Reading and writing are also required components of the class. Students develop analytical skills by identifying issues, evaluating options and solving problems. A wide variety of materials and methods may be used to achieve course goals.

**ESLI 075 [0 CR]**  
**EFFECTIVE LISTENING COMPREHENSION**

Students listen to extended discourse on a variety of topics in formal and informal settings. They develop skills to listen for main ideas and specific content, make inferences, and summarize. Students are introduced to note taking and outlining skills while focusing on comprehension and analysis of content.

**ESLI 076**  
**INDEPENDENT STUDY**

Check with IIS Director for current offering.

**ESLI 077**  
**INTEGRATED STUDY**

Check with IIS Director for current offering.

**ESLI 078 [0 CR]**  
**U.S. FILM AND CULTURE**

This course introduces students to aspects of U.S. culture through an examination of film, with a focus on developing listening skills. Students examine cultural aspects of U.S. life, including humor, while developing skills to understand main ideas and specific content.

**ESLI 081 [0 CR]**  
**CURRENT EVENTS/NEWS**

In this course students continue to improve listening comprehension and speaking skills. They participate

in discussions of current social and political issues. Students gather and organize information from sources that include television news, newspapers, magazines, personal interviews and electronic media. Students engage in a variety of activities including out-of-class research, in-class listening exercises, small and large group discussions of news reports, and oral and written presentations.

**ESLI 085 [0 CR]**

**INTERCULTURAL BUSINESS**

This is a multi-skill course that introduces students to current business issues in American economic life. Students read, write and discuss business issues in the context of American cultural values. Students read, write, listen and discuss issues from television news reports, the Wall Street Journal and other daily or weekly business publications. Grammar is reviewed and assigned for homework as needed.

**ESLI 086 [0 CR]**

**INTRODUCTION TO U.S. HISTORY**

Students learn about the impact of the Revolutionary War and Civil War on American society. Students will discuss the factors that led to war, the politics involved before and during the war, and the major battles fought in each war. Course materials include videos, Internet research, readings and speeches. Major assignments for this course will include presentations, tests and quizzes, written assignments, and a research paper. Spring 1 session.

**ESLI 088 [0 CR]**

**INTRODUCTION TO U.S. LITERATURE**

This content-based course gives students an overview of various genres in American literature to introduce them to the most distinguished American authors and their works. The course focuses on aspects of American life and its reflection through literature.

**ESLI 089 [0 CR]**

**INTRODUCTION TO INTERCULTURAL COMMUNICATION**

Students listen to, write about, and discuss the meaning of culture and how it influences communication with people from other cultures. Students identify culturally determined values and beliefs about their own culture and identify reasons for the success or failure of intercultural communication. The course combines readings and lectures with problem-solving activities using role plays, simulations, reflection papers and group discussions.

**ESLI 091 [0 CR]**

**GRAMMAR TOPICS 3**

In this class students practice listening to extended speech and lectures, identify key ideas, supporting details and organizational patterns. Content includes guest lectures and recorded lectures. Students are required to observe and report on several college lecture classes. Students learn to take comprehensible notes using note-taking symbols and abbreviations.

**ESLI 092 [0 CR]**

**ACADEMIC READING SKILLS**

In this class students are exposed to the kinds of reading that they can expect to find in their college courses. Course materials include college textbook material, newspaper and journal articles, essays, a full-length unabridged novel, short stories and poetry. Students continue to practice inferencing, skimming, scanning, and summarizing. Students respond to readings through writing, discussions and oral reports.

**ESLI 093 [0 CR]**

**INTRODUCTION TO ACADEMIC WRITING**

This pre-college writing course requires students to use all writing skills to write timed and drafted essays, complete essay exam questions and complete a 6-10 page research paper. Skills taught include brainstorming, outlining, researching, drafting and redrafting, preparing and using notes, source and bibliography cards. Students research, analyze and evaluate issues. In addition, students summarize, paraphrase, quote and document sources.

**ESLI 094 [0 CR]**

**CULTURAL IMMERSION 3**

This listening/speaking course is for high intermediate and advanced-level students. Students continue to build confidence in speaking by participating in class discussions and debates and by making individual oral presentations. Students learn conversational strategies such as agreeing and disagreeing, interrupting and asking for clarification. Students listen to both formal and informal English. Topics of discussion typically include current events and controversial issues.

**ESLI 095 [0 CR]**

**LECTURES AND NOTE TAKING**

In this class students practice listening to extended speech and lectures, identify key ideas, supporting details and organizational patterns. Content includes guest lectures and recorded lectures. Students are required to observe and report on several college

lecture classes. Students learn to take comprehensible notes using note-taking symbols and abbreviations.

### **ESLI 096 [0 CR]**

#### **ISSUES FOR DEBATE AND DISCUSSION**

This listening/speaking course is for high intermediate and advanced-level students. Students continue to build confidence in speaking by participating in class discussions and debates and by making individual oral presentations. Students learn conversational strategies such as agreeing and disagreeing, interrupting and asking for clarification. Students listen to both formal and informal English. Topics of discussion typically include environmental issues, gun control, abortion, AIDS, homelessness and sexual harassment.

## **ENVIRONMENTAL SCIENCE [ENVS]**

### **ENVS 300 [4 CR, ADV CORE: PN]**

#### **ENVIRONMENTAL SCIENCE**

Environmental Science is an interdisciplinary field of study which relies on the principles of biology, chemistry and geology as well as the social sciences to explain complex natural systems. ENVS 300 is a survey course in this field and discusses how natural systems function with an emphasis on how these systems have been affected by human activity. Recent advances in scientific research indicate that in addition to the well-known local and regional effects of human activity on the environment, humans are changing the world we live in on a global scale. The possible ramifications of the environmental issues discussed in this course make the material both relevant and controversial. An attempt is made to present information in an objective, scientific manner, allowing students to reach their own conclusions regarding the proper response to environmental threats and to develop a personal environmental ethic.

Note: Environmental Science majors may not take ENVS 300 to fulfill a requirement in the core curriculum. Students may not take both ENVS 300 and SSCI 301 for credit.

### **ENVS 428 [4 CR]**

#### **ENVIRONMENTAL SCIENCE RESEARCH**

In consultation with the instructor, students design and execute a research project or study in the area of environmental science or environmental chemistry. This course is generally taken by environmental science majors in their senior year.

## **F**

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## **FRENCH [FREN]**

Students majoring in French and Francophone Studies are required to take eight courses (32 credits) at the 300 level and above. Students taking French electives during study abroad will have these courses approved by the French faculty.

### **FREN 101 [4 CR]**

#### **ELEMENTARY FRENCH 1**

An intensive introduction to practical French with an emphasis placed on the four language skills: understanding, speaking, reading and writing. Cultural topics, film, music, cuisine, and the arts from across the French-speaking world will be highlighted. Regular internet access for online homework, practice and assessment is required.

### **FREN 102 [4 CR, CORE: SL]**

#### **ELEMENTARY FRENCH 2**

Continuation of FREN 101. Prerequisite: FREN 101 or formal placement.

### **FREN 203 [4 CR, CORE: SL]**

#### **INTERMEDIATE FRENCH 1: FRENCH LANGUAGE AND SOCIETY THROUGH FILM**

FREN 203 is the first part of a two-semester sequence (203-204) leading to a transcriptable certificate in French. It focuses on the development of communication and cultural competency in listening, speaking, reading, and writing. Class discussions will focus on culturally significant films and student presentations will include topics such as art, music and cinema. FREN 203 will take students to a new level of proficiency and provide them with the self-confidence necessary to study and live in a Francophone country. Regular internet access for online homework, practice and assessment is required. Prerequisite: FREN 102, formal placement, or permission of instructor. Fall semester.

### **FREN 204 [4 CR, CORE: SL]**

#### **INTERMEDIATE FRENCH 2: COMMUNICATION IN FRENCH AND FRANCOPHONE CONTEXTS**

Students completing FREN 204 with a B average or better in all previous French classes at the college will qualify for the certificate in French. Through the study of film, music and other media from the French and Francophone worlds, students will continue to improve their proficiency in reading, writing and speaking. This course is especially designed to develop students' communication skills in order to

discuss contemporary topics of cultural and literary significance. It prepares students for advanced courses in French. Regular internet access for online homework, practice and assessment is required. Prerequisite: FREN 203, formal placement, or permission of instructor. Spring semester.

## **ADVANCED COURSES IN CIVILIZATION, LANGUAGE AND LITERATURE**

### **FREN 305 [4 CR, ADV CORE: EI, WI] INTRODUCTION TO FRENCH LITERATURE, CULTURAL STUDIES AND SOCIETY: THE MIDDLE AGES, THE RENAISSANCE TO CLASSICISM**

This course is an introduction to French literature and cultural studies. It is designed for students who seek to improve their French as well as learn about French literature, society and culture. FREN 305 examines a wide variety of literary texts – drawing on poetry, prose, and drama, from the Middle Ages through the Renaissance to the Classic period. History is incorporated in context with an interdisciplinary approach. Prerequisite: FREN 204 or instructor consent. Every other fall semester.

### **FREN 320 [4 CR, ADV CORE: WT] MASTERPIECES OF FRENCH LITERATURE**

An overview of representative masterpieces of French literature from the 17<sup>th</sup> to the 20<sup>th</sup> centuries. Topics covered include the classical period, ideas of the Enlightenment, the development of the 19<sup>th</sup>-century novel and existentialism. The course will also include film excerpts as visual texts. Prerequisite: FREN 204.

### **FREN 325 [4 CR] FRENCH FOR THE PROFESSIONS**

This course will take an interdisciplinary approach to professional communication in French, as a language for use in business, government and the non-governmental sector. Special focus will be given to basic professional vocabularies, oral, written and non-verbal communication, and French-American cross-cultural interaction. Prerequisite: FREN 204 or instructor consent.

### **FREN 360 [4 CR] FRANCOPHONE SOCIETIES THROUGH LITERATURE AND FILM**

This course provides an analysis of the relations between France and its former colonies as manifested in the literature and film of France and the Francophone world. Questions of race and gender relations, exile, nationalism, identity and place are

explored in written and visual texts. Prerequisite: FREN 204 or instructor consent

### **FREN 375 [4 CR, ADV CORE: BB] FRENCH CIVILIZATION, LITERATURE, AND IDENTITY: THE REVOLUTION TO MODERNITY**

This course is a continuation of FREN 305. It examines the representation of French identity through literature and the arts from the French Revolution to modernity. This course takes an interdisciplinary approach through the study of art, cinema and documentaries will enhance student understanding of the French intellectual tradition. Other topics will be drawn from history, human geography, the fine arts, philosophy and cultural iconography. Prerequisite: FREN 204 or instructor consent.

### **FREN 389 [2 OR 4 CR] SPECIAL TOPICS**

Topics of special interest, dealing with Francophone literature, civilization or culture. Course may be taken more than once for credit if topic is different. Prerequisite: FREN 204 or instructor consent.

### **FREN 390 [4 CR] ADVANCED FRENCH CONVERSATION, COMPOSITION AND CULTURAL STUDIES**

Emphasis on developing facility in more advanced oral and written expression based on Francophone literatures, film, arts and cultures. Prerequisite: FREN 204 or instructor consent.

### **FREN 400 [4 CR] SENIOR CAPSTONE SEMINAR**

The material of this course will center on a particular topic or theme, which may change from year to year. This topic or theme will be examined through various media, including literary and non-literary texts and film. Prerequisite: FREN 204 or instructor consent.

### **FREN 490 [2 OR 4 CR] INDEPENDENT STUDY**

For upper-level students in lieu of a regular course; plan of work must be approved before registering. Reports, papers and examination required. Prerequisite: Two courses above FREN 204 or instructor consent.

# G

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## **GEOGRAPHY [GEOG]**

### **GEOG 120 [4 CR, CORE: PN] GLOBAL PHYSICAL ENVIRONMENTS**

This course addresses the spatial dimensions of our planet, including energy transfer, air, water, weather and climate, landforms, vegetation and soils. Understanding of the interrelationships between these systems – and of human interaction with them – is key to forming an integrated understanding of the physical landscape and its significance to humankind. The course addresses issues of the environment and of natural hazards and includes a substantial laboratory component. Infrequently offered.

### **GEOG 140 [4 CR, CORE: BB] WORLD REGIONS AND ISSUES**

This course introduces geographic themes and critical issues of relevance in our global society and will enhance awareness and appreciation of other peoples and places. Through this regional survey of lands and life, students gain a grasp of differences and commonalities among the world's physical and human landscapes and how they impact life in these regions — as well as connections to our own lives. Regional profiles include the analysis of varied issues of the physical environment, population distributions, cultural landscapes, and select historical, political and economic issues primarily via the spatial point of view. This regional approach consistently emphasizes map work.

### **GEOG 225 [4 CR, CORE: BB] SOCIAL GEOGRAPHY**

This course provides an introductory survey of geographic themes and concepts of social and cultural relevance in our fast-changing world, with a particular emphasis on the United States. The course offers an opportunity to raise understanding of and appreciation for geographic realities in the lives of others — as well as in our own daily existence. Topics include population dynamics, migration, ethnicity, gender, language, religion, urbanization and the political landscape. Geographic/spatial aspects of these issues are examined on a variety of scales in diverse locales. Map work is emphasized.

### **GEOG 231 [2 CR] GIS-SOCIAL SCIENCES/HUMANITIES**

This course introduces basic tools and skills of Geographic Information Systems (GIS) in a hands-on setting with emphasis on applications for the social

sciences and humanities. GIS has revolutionized the ways in which we can question, interpret, and visualize data across a wide range of disciplines. Students will be introduced to the spatial thinking upon which GIS is built and how to apply this knowledge to real-world, interdisciplinary scenarios – of value in many fields and careers, including public service, business, and education. Fall Semester.

### **GEOG 238 [4 CR] INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS**

This lecture/lab course introduces the basic theory, tools and skills of Geographic Information Systems (GIS) in a hands-on computer lab setting. GIS integrates hardware, software and data to capture, manage, analyze and display all forms of spatially referenced information. GIS has revolutionized the ways in which we can question, interpret, and visualize data across a wide range of disciplines. Students will be introduced to the spatial thinking upon which G.I.S. is built and how to apply this knowledge to real-world, interdisciplinary scenarios. The course will build students' ability to understand, visualize, analyze and solve geographic problems.

### **GEOG 355 [4 CR, ADV CORE: DD] ETHNIC GEOGRAPHIES OF THE U.S.**

This course provides an overview of the geographic diversity of population in the United States. Ethnic groups such as Mexican, Puerto Rican, Chinese, Asian Indian, Iranian, and others will be included in our discussions of the country's ethnic complexity. Examples from text and outside readings, online sources, and film of several ethnic groups will be examined from various places and regions.

NOTE: This course is offered in a hybrid format (both online and face-to-face class meetings).

### **GEOG 363 [4 CR, ADV CORE: BB] GLOBAL URBANIZATION**

This course focuses on the development of the present global urban system primarily, but not exclusively, from a geographic perspective. Topics include the origins and evolution of cities in both the developed and developing world (with special attention to U.S. urban growth); aspects and models of the internal structure of cities; and the recent growth of the "world cities" (those power centers that dominate the global economy), and of the developing world's fast-growing megacities. Both the enduring promise and persistent problems of urbanization are addressed. The functions and meanings of cities and urban change will be explored from various cultural perspectives.

**GEOG 489**  
**SPECIAL TOPICS**

Examination of selected topics of interest to faculty and students, such as demographics, political geography, maps and map making, advanced Geographic Information Systems, cultural landscapes, in-depth regional analysis, or other topics.

**GREEK [GREK]**

**GREK 111** [4 CR]  
**ELEMENTARY GREEK 1**

An introduction to Attic Greek with emphasis on the grammar, syntax and vocabulary necessary for reading Greek prose and poetry. Fall semester.

**GREK 112** [4 CR, CORE: SL]  
**ELEMENTARY GREEK 2**

A continuation of CLAS 111, with extended reading passages in Greek prose and poetry. Prerequisite: CLAS 111. Spring semester.

**GREK 213** [4 CR, CORE: SL]  
**INTERMEDIATE GREEK**

Continued study of grammar, syntax and vocabulary of Greek prose and poetry. Readings may include selections from Herodotus, Thucydides, Plato, or early Christian texts. Prerequisite: CLAS 112. Fall semester.

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**H**

**HEBREW [HEBR]**

**HEBR 101**  
**ELEMENTARY BIBLICAL HEBREW**

This course introduces students to the language of the Hebrew Bible and the historical and theological methods that arise from studying the Hebrew Bible in its original language. No prior knowledge of Biblical Hebrew is assumed. The course begins by introducing the alphabet: students should be able to read many prose passages in the Hebrew Bible with relative ease and occasional recourse to the aid of a Hebrew-English lexicon. Fall semester, alternate years.

**HEBR 102**  
**INTERMEDIATE BIBLICAL HEBREW**

The course is a continuation of HEBR 101. Students are exposed to longer prose passages of the Hebrew Bible, further nuances of Hebrew syntax and the rudiments of Biblical poetry. Spring semester,

alternate years. Prerequisite: HEBR 101 or instructor consent.

**HISTORY [HIST]**

**HIST 105** [4 CR, CORE: BB]  
**CONQUISTADORS**

Triumphant fables, untold stories, centuries-long cover ups. This class examines the sixteenth-century meetings between Spaniards and the Indigenous peoples of the Americas, peeling back generations of storytelling and silencing to try to understand what “really happened.” Through critical analysis of Spanish chronicles, Indigenous writings, and cutting-edge scholarship, we will explore the dynamics of cultural encounters that have shaped our world. Fall semester.

**HIST 106** [4 CR, CORE: DD]  
**AFRICAN AMERICAN HISTORY SINCE 1865**

This course will trace the history of African Americans in the United States, from Reconstruction to the Twenty-First Century. We will pay particular attention to the many mechanisms through which people and institutions impacted African Americans’ lives and maintained racially-based segregation and inequality, including systems of labor, access to goods, and use of violence. We will also closely examine the ways that African Americans – both leaders and “average” people – responded to inequality and shaped their own lives. Throughout, we will ask: what has it meant to be black in United States history? Fall semester, odd-numbered years.

**HIST 112** [4 CR, CORE: WT]  
**HISTORY OF WESTERN CIVILIZATION 1: FROM THE BRONZE AGE TO THE RENAISSANCE**

This course explores the development of Western Civilization from its origins in ancient Iraq to its flowering in Renaissance Europe. Key topics include society and belief in the ancient Near East; Greek philosophy, theater and politics; Roman imperialism and urbanism; Christian origins; Islamic contributions to the West; Medieval monarchy, universities and the papacy; and Renaissance art and humanism. This course seeks to provide students with a keen awareness of our debt to past cultures and with new perspectives on where human civilization may be headed. Fall semester.

**HIST 113** [4 CR, CORE: WT]  
**HISTORY OF WESTERN CIVILIZATION 2: EARLY MODERN AND MODERN EUROPE**

This course explores the development of Western Civilization from the rise of the national monarchies

in the Renaissance Era through the conclusion of the Cold War in the late twentieth century, with particular emphasis on the sixteenth through eighteenth centuries. Key topics include relations between Catholicism and Protestantism and their effects on European society; the rise and challenges of absolutist and limited monarchies, democratic republics, and totalitarian regimes; capitalism, socialism, communism, liberalism, nationalism, and conservatism; Scientific Revolution and the Enlightenment; religious war, revolution, and total war; as well as overseas exploration, colonization, racism, anti-Semitism, and imperialism. This course seeks to provide students with a keen awareness of our debt to past societies and with perspectives on where human civilization may be headed. Spring semester.

**HIST 114** [4 CR, CORE: DD]

**HISTORY OF THE UNITED STATES 1**

This course will trace the political, social, and cultural development of the U.S. from its pre-Columbian origins through the Civil War. From encounters between early colonists and Native Americans, to midwives tending to colonial women, to 19th-century laborers adjusting to industrial changes, and finally to the slave trade, this course will pay particular attention to the role of race, class, and gender in shaping society and politics.

**HIST 115** [4 CR, CORE: DD]

**HISTORY OF THE UNITED STATES 2**

This course will trace the political, social, and cultural development of the U.S. from Reconstruction to the present. From Jim Crow segregation, to labor organizing during the Great Depression, to women's rights movements, to the debates over immigration, this course will pay particular attention to the role of race, class, and gender in shaping society and politics.

**HIST 117** [4 CR, CORE: BB]

**SURVEY OF AFRICAN HISTORY 1**

This course surveys select topics in the social, economic and political history of Africa. We will explore the great medieval West African kingdoms and empires, trans-Saharan and Indian Ocean trading networks, the importance of Africa's resources, including gold, to the medieval world economy, and the involvement of Africans in Atlantic trade. Fall semester.

**HIST 119** [4 CR, CORE: BB]

**SURVEY OF AFRICAN HISTORY 2**

This course explores topics in the social, economic and political history of Africa from 1800 on. We will

explore select pre-colonial powers, European colonization and its effects, the pre-colonial economic and political roles of African women and how these changed with colonialism, and the independence movements which led to colonialism's end. Spring semester.

**HIST 120** [4 CR, CORE: BB]

**SURVEY OF MIDDLE EASTERN HISTORY**

This course traces the major political, social, economic and intellectual developments that have shaped the Middle East over the past 1,400 years. Beginning with the career of the prophet Muhammad and the rise of Islam in the seventh century, it follows the processes of political unification and cultural integration from early Arab rule to the aftermath of World War I. Special attention is given to Islamic civilization – what it achieved and what it has meant to the people of the Middle East. Fall semester.

**HIST 121** [4 CR, CORE: BB]

**THE MODERN MIDDLE EAST**

This course is designed to introduce students to the central issues of 19th- and 20th-century Middle Eastern history: imperialism, nationalism, secularism, modernization and Westernization, and the resurgence of militant Islam. The course begins with the decline of the Ottoman Empire and examines in detail the experiences of several countries, including Turkey, Egypt, Iran, Lebanon and Saudi Arabia. The course concludes with a survey of the present conflicts in the region, seeking to understand them in their historical dimensions.

**HIST 131** [4 CR, CORE: BB, WI]

**COLONIAL LATIN AMERICA**

This course provides an introduction to Colonial Latin American history. The course will cover the fifteenth century through the early nineteenth century, and will examine topics including Pre-Columbian indigenous cultures, contact and conquest, colonial hierarchies and resistance, race, gender, indigeneity, the Catholic Church, and Latin American independence.

**HIST 132** [4 CR, CORE: BB, WI]

**MODERN LATIN AMERICA**

This course provides an introduction to modern Latin American history. The course covers the early nineteenth through twenty-first centuries, and covers topics including independence struggles, nation-state formation, Latin American-U.S. relations, economic systems, political reform, dictatorship and genocide, cultural and social movements, and other questions.

**HIST 210** [4 CR, CORE: WI]  
**MAKING HISTORY: TRUTH AND MYTH**

This course is designed to give History majors a better understanding of the many ways in which the past has been retrieved, sorted and recorded to create what we call "history." Often this process has involved a search for the truth, based upon verifiable evidence, in order to explain the present; perhaps just as often, it has also meant the distortion of facts, the invention of traditions, and the (re)making of myths in the service of some political or other agenda. We will begin by surveying several of the better known schools of historical writing, starting with the Classical Greeks and ending with the Post-Modernists and World Historians. Next, we will investigate some examples of historical writing as they apply to the history of the Middle East. Ultimately, we will hope to better understand what is meant by the expression "the use and abuse of history." Spring semester, alternate years.

**HIST 211** [4 CR]  
**DISCOVERIES IN THE ARCHIVES: ARCHIVAL RESEARCH METHODS IN HISTORY**

This course will introduce students to historical research methods and familiarize them with the tools and techniques that historians use to study the past, with a focus on United States History. Topics will include developing historical questions, conducting library and archival research, and producing historical writing. The class will also visit historical archives and talk with practitioners in the world of history: archivists, reference librarians, museum curators, academics, and public historians. By the end of the course students will understand how and why historians conduct research on past events. Spring semester, alternate years.

**HIST 212** [4 CR]  
**DIGITAL HUMANITIES**

Digital Humanities is a course designed to introduce students to historical research methods with a particular focus on digital approaches to conducting research and sharing knowledge. In this course, students will learn about the variety of research and writing skills that historians use, and they will apply those skills to a historical research project of their own. Spring semester, odd-numbered years.

**HIST 311** [4 CR]  
**MEXICO SINCE INDEPENDENCE**

This course examines the political, economic, social and cultural development of Mexico from its attainment of independence in the early 19th century to the present. Major topics include the emergence of

political strongmen and patron-client relations, Mexico's relations with the U.S. and other foreign powers, the Native Americans' loss of their land and agrarian reform, urbanization and migration, the Revolution, and the development of the one-party state. This seminar course also emphasizes students' development in the areas of critical and analytical thinking and effective oral and written expression.

**HIST 320** [4 CR]  
**GENOCIDE**

Although "Never Again" is an important post-Holocaust slogan, the reality is that genocides have been occurring with increasing frequency since 1945. This course will explore two lesser-known genocides: the Armenian Genocide of 1915 and the Rwandan Genocide of 1994. We will also explore the conditions that make a society ripe for genocide, and consider strategies for preventing genocide, and for moving forward in its profoundly traumatic wake. Fall semester, alternate years.

**HIST 321** [4 CR]  
**THE SPANISH CONQUEST OF THE AMERICAS**

This course examines the historic encounter of the Native Americans and the Spanish in the first decades after 1492. The course focuses on the political organizations, social structures, economic systems, and cultures of Spanish and indigenous civilizations; it explores Spanish and Indian perspectives; and it assesses the historical consequences of conflict and accommodation in 16th-century America.

**HIST 322** [4 CR]  
**AMERICAN IMMIGRATION AND ETHNIC HISTORY**

This course traces the history of immigration to the United States from the nineteenth century to the present. In the 19th century waves of immigrants arrived in the U.S., building communities and sparking outrage among native Americans. Today many descendants of these immigrants call for tighter border control. This course will examine immigrant characteristics and motivations, as well as legislation that has defined what it means to be American and changed patterns of migration. Throughout, we will ask, what does it mean to be an immigrant in this nation, and what does it mean to be a nation of immigrants. Alternate years.

**HIST 324** [4 CR, ADV CORE: DD]  
**POVERTY, CHARITY AND WELFARE IN AMERICAN HISTORY**

This course will examine the poor in modern America: from orphans in Chicago's Home for the Friendless, to sharecroppers in the Great Depression,

to Reagan's notorious welfare queen of the 1980s. We will analyze primary and secondary sources to understand why people were poor and how they coped with the insecurity and instability of poverty, and to investigate America's various anti-poverty crusades. Finally, considering the majority of non-white men and women living below the poverty line, we will pay particular attention to race and gender, and ask how Americans have responded to, and at times perpetuated, this disparity. Spring semester, alternate years.

### **HIST 326 [4 CR]**

#### **THE HISTORY OF ANCIENT GREECE**

This course explores ancient Greek civilization from its dawn in the second millennium B.C. to its absorption by the Roman Empire in the third century B.C. Key themes will include tyranny and democracy; innovations in philosophy and science; competition through warfare and athletics; mythology, poetry and history; and new standards in art and architecture. This course seeks to illustrate how different the world would be without the vibrant and creative culture of ancient Greece. Fall semester, alternate years.

### **HIST/WMGS 327 [4 CR]**

#### **WOMEN AND GENDER IN UNITED STATES HISTORY**

This course will explore women and gender in American history from colonial America to the present. Students will examine how gender norms changed throughout history and how individuals interacted with those norms. They will analyze how women and notions about gender shaped American politics: through cultural trends like fashion; through family and daily life; and through social movements such as suffrage, temperance, and welfare rights. We will ask, when did gender constrict the choices that individuals faced, and when did individuals expand and even disassemble gender norms? Alternate years.

### **HIST 328 [4 CR]**

#### **THE HISTORY OF ANCIENT ROME**

This course is an exploration of Roman civilization from its origin in a tiny Italian village in the 8th century B.C. to the decline of its vast empire in the fifth century A.D. Key themes include political, administrative and legal achievements; conquest, imperialism and multiculturalism; the shift from republic to empire; daily life in town and country; the impact of Christianity; and architecture and urbanism. This course is designed to provide the student with a firm grounding in the Roman experience and a keen awareness of what we today owe the Romans of the distant past. Spring semester, alternate years.

### **HIST 329 [4 CR]**

#### **THE HISTORY OF MEDIEVAL EUROPE**

This course examines the dynamic period of change in Europe from the fading of the Roman Empire through the flowering of the High Renaissance. Key topics include the fusion of Roman, Germanic and Christian cultures; warfare and kingship; the relative powers of church and state; creation of representative assemblies and universities; theology, philosophy and science; Europe and the Middle East; heresy and reform; and Romanesque, Gothic and Renaissance art and architecture. This course seeks to illustrate how different medieval people were from us, yet also how we are very clearly their political, cultural and spiritual descendants. Fall semester, alternate years.

### **HIST 331 [4 CR]**

#### **HISTORY OF THE BYZANTINE EMPIRE**

This course will introduce students to the "other half" of Europe's Middle Ages, the eastern half with a focus on the Byzantine Empire. The Byzantine Empire had tremendous theological, artistic and legal influence on western Europe in the Middle Ages and the Renaissance. It served as a model of advanced politics and diplomacy, of trade and commerce, and as a military bulwark against Islamic invaders, preventing their assault on eastern Europe for nearly 800 years. Spring semester, alternate years.

### **HIST 333 [4 CR]**

#### **CUBA FROM COLONY TO CASTRO**

This course examines the history of Cuba from the late 18th century to the present; this period begins with a sugar boom and the development of African slavery in the Spanish colony and ends with Cuba's current difficulties in a post-Soviet world. Other topics of the course include the Cubans' struggles for independence from Spain, relations with the U.S., monoculture and the export economy, political institutions and political change, race and class relations, and the Cuban Revolution (a significant portion of the course treats Cuba since 1959). This course aims to enhance the students' knowledge and understanding of Cuba's past and place in Latin American and world history.

### **HIST/WMGS 335 [4 CR]**

#### **WOMEN AND WORK**

This course examines the topic of women and work historically, with attention to changes over time in the work histories of African and American women. Throughout, we will explore women's working lives in the context of the gendered social norms within which they have lived. Within this general framework, the course will examine occupations

including domestic work, prostitution, farming, market trading and professional/managerial work. The course will also explore the intersections of work with marriage and parenting and the effects of race and class upon women's working lives. Fall semester, alternate years.

**HIST 340 [4 CR]**

**ISRAEL/PALESTINE: THE ROOTS OF THE ARAB-ISRAELI CONFLICT**

This course examines the origins and development of Jewish-Arab rivalry in the Middle East, beginning with the advent of Zionism in the 19th century and concluding with a review of current events. Social and economic dimensions of the conflict are considered alongside the political history. Students are introduced to a wide range of materials on the topic. Spring semester, alternate years.

**HIST 341 [4 CR]**

**ISLAM AND VICTORIANISM IN NINETEENTH-CENTURY AFRICA**

This course focuses on the lives and legends of two charismatic figures of the nineteenth century – Charles G. Gordon, the Victorian martyr-hero and Muhammad Ahmad al-Mahdi, the Sudanese holy man and revolutionary. After considering the ideals which each man died trying to uphold, we examine a variety of accounts of their lives in an attempt to understand the cultures that created these men and the discipline of history that explains them. Fall semester, alternate years.

**HIST 344 [4 CR]**

**COLONIALISM IN AFRICA THROUGH THE NOVEL**

This course examines Africa during the years following 1900, when most of the continent came under European political control. Six novels written by Africans will be read which, in contrast to standard histories of Africa, give the reader a rich understanding of what the colonial period in Africa meant for Africans in their daily lives. Topics to be addressed include the effects of colonialism on existing African social, economic and political institutions; African responses to colonialism; anti-colonial movements; and missionary activity in Africa. The novels will be supplemented by more conventional historical materials including a brief African history text. Fall semester, alternate years.

**HIST 345 [4 CR, ADV CORE: WT]**

**SLAVERY IN WORLD HISTORY**

This course contrasts American slavery with forms of unfree labor in other parts of the world. Six topics are covered, the precedents – slavery in the ancient world, Islamic Middle East and pre-colonial Africa;

the slave experience in the Americas, including Brazil, the Caribbean and the U.S.; the economy of slavery and its effects in Africa and the Americas; slave resistance; the abolition of slavery in Africa and the Americas; and the legacies of slavery in the Americas – miscegenation, racial identity and relations, and economic development. Spring semester, alternate years.

**HIST 350 [4 CR, ADV CORE: WT]**

**THE HISTORY OF MODERN EUROPE**

This course explores the political, social, economic, military and cultural aspects of modernity in the European context from the French Revolution to the collapse of the Soviet Union. Key topics include Enlightenment values; revolution and reaction; industrial society; Romanticism, socialism and communism; nationalism, imperialism and totalitarianism; world wars and Cold War; and Europe united. This course seeks to illustrate how the ideas, movements, conflicts and personalities of modern Europe have shaped our contemporary ways of thinking, feeling and living. Spring semester.

**HIST/WMGS 351 [4 CR]**

**WOMEN, GENDER AND IMPERIALISM**

From the 1850s through the 1950s, Western women played significant roles in the British colonies in Africa and India in the fields of education, public health and missionary work. These women believed that they could improve the lives of non-Western women by acculturating them to the norms of their own middle-class, Western and Christian lives. The course will explore how these women tried to reshape key social institutions in Africa and India such as marriage, parenting, medical practices and religion. This course will also explore how the women and men these individuals came to “civilize” in turn shaped the cross-cultural encounter through their powerful reactions to the often-unwelcome acculturating messages they received. The course draws upon historical material and autobiographical, literary, missionary and travelers' accounts to investigate these events. Spring semester, alternate years.

**HIST 354 [4 CR, ADV CORE: BB]**

**ISSUES IN THE CONTEMPORARY MIDDLE EAST**

This course allows History majors with an emphasis on the Middle East to examine the historical roots of the most pressing issues in the region today. While the course content is expected to change somewhat each time it is taught, subjects of likely interest are U.S. involvement in the region since World War I, the Shi'ite revival since the Iranian revolution, the spread of political Islam (e.g., the Muslim Brothers,

al-Qa'ida, and ISIS), and the revolts of the "Arab Spring." Students are encouraged to take HIST 343 before this course to familiarize themselves with 20th century developments. Prerequisite: HIST 120. Spring semester, alternate years.

**HIST 370** [4 CR, ADV CORE: WT]  
**THE END OF THE WORLD**

This course examines the many ways that beliefs about a final judgment and an end-time event (Apocalypse) have been put into action in Western and non-Western societies during periods of acute crisis. Students will be exposed to a variety of disciplinary approaches to the study of millenarian movements, and will be expected to reflect critically in class discussions and essays on the values that these movements reflect and their change or continuity across space and time. The course concludes with an examination of contemporary American millenarian beliefs. Spring semester, alternate years.

**HIST 371** [4 CR]  
**REVOLUTIONS IN LATIN AMERICA**

This course provides an in-depth look at revolution in Latin America, including a central consideration of the idea of revolution, as well as a series of case studies that will facilitate comparative study. In this course, we will examine Latin America's independence wars, the Guatemalan Spring and its violent aftermath, the Cuban Revolution, the Chilean Socialist experiment and the repressive military dictatorship that followed, and recent revolutionary-inspired political movements and regimes.

**HIST 372** [4 CR, ADV CORE: BB]  
**BORDERLANDS IN LATIN AMERICA**

History is often understood in terms of individual nations – their distinct cultures and individual histories. Borderland histories, by contrast, examine the human spaces and practices where societies meet, blend, and clash. How did people living in the North American Southwest, for example, see themselves in relation to European empires, indigenous cultures, and nation-states? How did indigenous people in South America's southern cone respond to Chilean and Argentinean expansion into their territories? This course explores historical case studies of borderlands in the Río Grande/Bravo region and the Southern Cone, and challenges the conceptual nature of borderlands. Fall, odd-numbered years.

**HIST 373** [4 CR, ADV CORE: BB]  
**THE U.S. IN LATIN AMERICA**

This course explores Latin America's experiences with the United States during the twentieth century. The class addresses U.S.-Latin American relations from a variety of angles, covering topics from military intervention and government policies, to informal imperialism and cultural exchange through film and literature. We will discuss everything from filibusters to Carmen Miranda, from tourism to Cold War covert operations.

**HIST 389** [2 OR 4 CR]  
**SPECIAL TOPICS**

A course taught at intervals by a member of the faculty, dealing with a topic in European, Latin American, Asian, African, Middle Eastern or U.S. history. The topic will be announced each time the course is offered. The course, which counts as an advanced course in the area of concentration in which the topic falls, may be taken more than once, for credit, if the topic is different.

**HIST 490** [2 OR 4 CR]  
**INDEPENDENT STUDY**

A tutorial course for majors only involving either a directed reading program in an area of special interest to the student or a project based on research under the supervision of a faculty member.

**HONORS PROGRAM COURSES**  
**[HONR]**

**HONR 101** [4 CR, CORE: WI]  
**INTRODUCTION TO HONORS**

This course introduces students to the fundamentals of a Catholic, Norbertine, liberal arts education. The focus of the course is on the understanding of the creation, development, and dynamics of communities. We will examine specific communities within our larger Fox River area community (ethnic communities, religious communities, and neighborhood communities). Critical thinking skills and inquiry methods will be used to help determine a topic of interest, identify a problem, create a question, and study an issue. Required "texts" will include scholarly articles, literary works, media, interviews, and field-based explorations. Objectives of the course include an understanding of the Norbertine heritage of the College, an awareness of and appreciation for "different ways of knowing," and increased information literacy and communication skills. Prerequisite: honors program member. Fall semester.

**HONR 111** [4 CR, CORE: CI]  
**THE LIFE AND LEGACY OF NORBERT OF XANTEN**

Who was Norbert, and what did he stand for? Join the Honors Program as we undertake to discover and understand our Norbertine heritage at the places in Central and Eastern Europe where it actually unfolded. Meet the men and women who have nourished and resurrected the Norbertine Order through the historical upheavals of the Twentieth Century. Relive moments in the life of Norbert in the very spots where he stood and visit his final resting place in Prague, one of Europe's most beautiful and culturally vibrant cities.

**HONR 150** [2 CR]  
**LIFE AT SNC**

This course is designed to encourage first-year students to reflect on their first semester at SNC and begin charting a meaningful and successful course to graduation. Topics covered include: vocational development and reflection on "studenthood;" developing a four-year plan; majors, minors, and co-curricular commitments; mindfulness and mental health. Graded on an S/U basis.

**HONR 289** [2 CR]  
**HONORS TUTORIAL**

Honors tutorials are flexible, two credit experiences that typically take place outside regular class times and can range from small-group discussion with a professor, group learning with visiting lecturers and community partners, or off-campus experiential learning. Topics are chosen by faculty members and are based on either their academic area of expertise or a particular avocation. Recent tutorials have comprised, among other things, a week-long Chicago museum experience, a tattoo and body art exhibition, and work with the production company Theater of War, which uses performance of Greek tragedy to heal combat trauma. A student may enroll in tutorials twice (two semesters of tutorials) or once if studying abroad. Prerequisite: permission of the Honors Program Director, junior standing or greater, and minimum GPA of 3.4. Graded on an S/U basis.

**HONR 301** [2 CR]  
**PREPARING FOR LIFE AFTER SNC**

This course is designed to encourage sophomore-level students to reflect on their personal and professional goals, as well as to instruct them in the steps they must take and the skills they must master if they are to successfully transition from college to graduate or professional school. The course covers such topics as: writing an excellent personal statement; evaluating co-curricular activities; letters

of recommendation; choosing the program that best suits your goals, interests, and budget, and preparing for the interviews. Open to honors program students only. Prerequisite: permission of the honors program director, minimum GPA of 3.4, sophomore standing or greater. Graded on an S/U basis. Spring semester.

**HONR 302** [4 CR, ADV CORE: WT]  
**COEXISTENCE IN MEDIEVAL SPAIN**

This four-credit honors travel-seminar offers students the opportunity to study the intersection and coexistence of the Jewish, Christian and Muslim cultures in early-modern Spain. During pre-departure seminars, students will reflect on the historical events and the social and religious values that permitted the coexistence. They will then spend approximately two weeks in Spain over J-Term, visiting and studying the most important sites of what was once Muslim Spain: Toledo, Córdoba and Granada. The assignments will include the development of a claim/inquiry, writing assignments, presentations, and the development of an inquiry which they will present via an infographic. Prerequisite: permission of the honors program director.

**HONR 450** [2 CR]  
**SENIOR SEMINAR**

This course gives graduating students the opportunity to reflect on the challenges and achievements during their time at SNC and apply their insights to the "real" lives before them. The course covers such topics as: achieving work-life balance, financial literacy, and developing comprehensive digital portfolios and profiles. Graded on an S/U basis.

**DIVISION OF HUMANITIES [HUMA]**

**HUMA 100** [4 CR, CORE: EI, WI]  
**INTRODUCTION TO THE HUMANITIES THROUGH THE FINE ARTS**

This course aims to help students understand ways in which literature and the fine arts can deepen their sense of what it means to be human. The course gives students practice in appreciating masterpieces of painting, music, poetry, prose narrative and theater. Required for humanities majors.

**HUMA 337** [4 CR, ADV CORE: CI]

**COMMUNIO AND THE NORBERTINES ACROSS THE CENTURIES**

This course will explore the concept of *communio* as living from and in God in community. Students explore *communio* at the beginning of Creation and its expression in the common life of the early Jerusalem community in the Acts of the Apostles.

The course continues by exploring St. Augustine's model of life for his religious communities set forth in this Rule which Norbert of Xanten accepted as a core element in his reform of 12th century Catholic life. Students will study Norbert's life and a summary history of his Order, especially its missionary activity, with a special focus on the establishment of the Order in the United States. They will study the retrieval of the concept of *communio* in the Second Vatican Council and then as a key concept in the Norbertine Constitutions. This will provide a strong base for understanding the College's Catholic, liberal arts and Norbertine mission.

**HUMA 338** [4 CR, ADV CORE: WT]  
**HISTORY, CULTURE AND COMMUNIO ALONG THE CAMINO DE SANTIAGO**

In this course, students will learn not only about the origins and evolution of the Camino de Santiago, but also about its religious and cultural importance in Western society, particularly within Europe. During the on-campus classes prior to our departure, students will study historical texts, trade routes, medieval art and architecture, religious artifacts, popular traditions and legends, as well as the transformative power of pilgrimage. Students will be able to apply the knowledge they acquire while in northern Spain as we hike across ancient roads from León to Santiago de Compostela, visit Roman ruins, and reflect on what it means to be a pilgrim on the Camino in the modern age. This experience will give students the ability to engage with a centuries-old tradition, see themselves as global citizens, and experience *communio* with other pilgrims from around the world. Spring, odd-numbered years.

**HUMA 389** [4 CR]  
**SPECIAL TOPICS**

This course concentrates on a topic pertinent to the current needs and interests of students. Primarily the focus will be placed on topics which cross disciplinary lines and involve two or more Humanities disciplines. Topics will vary and will be announced in the course listings.

**HUMA 424** [4 CR]  
**SPORT AND SOCIETY**

Introduction to sports as a cultural phenomenon. The ethos of sport. History of sports in Western culture. Sports and the arts. Sports and nationalism. Race, gender and sports. Religion and sports. Youth and sports. The modern business of sports.

**HUMA 489** [2 OR 4 CR]  
**SPECIAL TOPICS**

This is a seminar course offered whenever a mutual

interest in a more specialized topic in the Humanities exists for a member of the faculty and a sufficient number of students.

**HUMA 490**  
**INDEPENDENT STUDY**

A course allowing instructors and students to explore together topics of special interest.

**HUMA 494** [4 CR]  
**INTERNSHIP**

An academic internship for credit involves the application of disciplinary or interdisciplinary concepts to work experience and includes a very specific academic component, which is detailed and agreed to by all parties in advance of the internship experience. The academic focus of the internship for credit should be woven through the internship experience in a meaningful way under the expert guidance of the faculty member. Prerequisite: junior/senior standing.

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## I

### INTERDIVISIONAL STUDIES [IDIS]

**IDIS 100**  
**COLLEGE WRITING**

This course helps students develop and discipline their powers of written communication. Students will learn about the composing process – planning, shaping, writing, revising, editing and proofreading – and how to apply this process to a series of college writing assignments that include personal narratives, informational summaries, persuasive essays and documented research essays. IDIS 100 can be taken as an elective by students who feel a need for a composition course. The course is required for students who demonstrate a need for a college writing course (as determined by a timed writing sample, college admission scores and high school record).

**IDIS 110** [2 CR]  
**ACADEMIC SURVIVAL SKILLS**

This course is designed to increase students' success in college by assisting them in obtaining necessary skills to reach their educational objectives. Topics in the course include time management, study techniques, beginning career decision-making, test taking, reading for understanding and retention, note taking, college resources, decision-making and memory techniques.

**IDIS 115 [2 CR]****COLLEGE PREPARATION AND READING**

This course presents reading and study techniques that will enhance students' ability to read and retain college-level material. Students will learn to implement general strategies for dealing with course material and strategies to improve vocabulary acquisition, reading rate, critical thinking and comprehension. It also addresses executive function skills and goal setting strategies designed to enhance efficient and effective learning.

**IDIS 120 [0 CR]****SUCCESS PROGRAM PARTICIPATION**

Zero credit mandatory academic success program for students that have taken IDIS 110 already or are outside of their freshman year on academic probation. This program assists students in reaching their full academic potential by regularly monitoring academic performance, improving study skills and providing guidance necessary to complete college-level work. The SUCCESS program is offered by the Academic Support Services department. Open only to students who are required to participate as a condition of initial or continued enrollment. Repeatable.

**IDIS 160 [4 CR]****COMPREHENSIVE ACADEMIC STRATEGIES**

IDIS 160 is a course designed to increase students' success in college by assisting them in obtaining necessary skills to reach their educational objectives and achieving academic self-confidence. Students will learn college level study and thinking strategies that are essential for academic achievement, as well as strategies to improve vocabulary acquisition, reading rate, and comprehension. This course is for only students that have been conditionally admitted into the Academic Enhancement Program (AEP) Cohort. Prerequisite: Conditional Admit, determined by Admissions. Fall semester.

**IDIS 312 [4 CR, ADV CORE: CI]****DARWIN AND THE DIVINE: EVOLUTION AND THE FAITH-REASON DIALOG**

The theory of evolution continues to evoke strong sentiments and reactions among the religious, particularly in the United States, and provides an ideal framework to examine the interaction of faith and reason from a variety of perspectives. Specifically, we will examine why and how evolutionary theory is perceived as a threat to religion by so many, how atheists have used the theory and framed the debate, how the religious, particularly theologians, have responded to the challenge, how this plays out at various levels of

American life, the nature of these debates and confrontations in American politics, and finally how some thinkers, scientists and theologians alike, have attempted to reconcile the differences within an intellectual and spiritual framework. We will also explore whether the reactions that evolution evokes bring to the surface a deeper tension between how science and religion deal with questions of proximate and ultimate causation, human nature, and the meaning and purpose of our existence. In addressing these issues, we will seek to understand the important and unique contributions of the Catholic intellectual tradition in enriching the dialog, creating space for conciliation, and providing the sociopolitical framework for all to effectively resist pseudoscience.

**IDIS 313 [4 CR, ADV CORE: PN]****ONE HEALTH**

One Health posits that the health of humans and that of the Earth's environment and its biota – collectively known as the One Health 'triad' – are intimately interconnected. This approach signals a major paradigm shift in how we understand factors that affect our wellness, how we relate to the Earth's biota and environment, and how this has profound implications for our survival and flourishing. One Health, while firmly grounded in the methods and facts of science, is also necessarily multifaceted and interdisciplinary. In this course, we will study the basic components of the One Health triad, how science informs our understanding of their interconnectedness and unity, and threats that disrupt planetary health. We will understand the role of humanities, economics, politics, and policies in One Health, read about and hear from practitioners of One Health, and ultimately synthesize this understanding to craft an ethical worldview for human flourishing.

**IDIS 389****SPECIAL TOPICS IN INTERDIVISIONAL STUDIES**

This course concentrates on a topic pertinent to the current needs and interests of students. Primarily, it focuses on topics which cross division lines and involves two or more interdivisional disciplines.

**IDIS 494 [4 CR]****INTERNSHIP**

This tuition-free internship course allows non-credit internships to be listed on students' academic transcript. Students are allowed to register for the IDIS 494 course for each term they intern, regardless of whether they are continuing to intern with the same company or with a new company. Course signup is based on a semester basis as well as an experience basis. For each IDIS 494 listing, the student must return a completed internship learning

agreement to Career Services within one week of their start date, participate in a mid-term site visit upon request, and complete an end-of-term online evaluation, which will be dispersed to all student interns regarding the internship experience and to worksite supervisors regarding student performance. Additionally, students are required to work a minimum of 60 hours at the internship site, which will be documented on the end-of-term evaluations by both the worksite supervisor and the student intern. Students must be interning during the term they are taking the course. Graded: S/U.

## **INTERNATIONAL STUDIES [INTL]**

**INTL 150** [4 CR, CORE: BB]

### **INTRODUCTION TO INTERNATIONAL STUDIES**

The objective of this course is to promote an awareness of global interdependence, with its challenges and opportunities. The course is interdisciplinary — examining issues from several relevant and related points of view: political, ecological, cultural, economic and ethical. The content may vary from semester to semester. Examples of issues the course might examine are nationalism vs. the concept of an international community; U.S. foreign policy and human rights; foreign policy of communist countries; cultural diversity and international cooperation.

**INTL 289** [2 OR 4 CR]

### **SPECIAL TOPICS**

A study of a single topic of special interest to one or more students. Prerequisite: permission of the instructor and approval by the director of international studies is required.

**INTL 361**

### **STUDY ABROAD: POLITICAL SCIENCE ELECTIVE**

Designation used to indicate an appropriate course taken during study abroad fulfills the requirement to take an international studies political science elective in the student's area of interest.

**INTL 363**

### **STUDY ABROAD: LANGUAGE AND AREA STUDIES ELECTIVE**

Designation used to indicate an appropriate course taken during study abroad fulfills the international studies language and area studies elective requirement.

**INTL 364** [4 CR]

### **STUDY ABROAD: INDIGENOUS LANGUAGE**

Designation used to indicate an appropriate course

taken during study abroad fulfills the international studies indigenous language requirement for areas other than Spanish, German, French and Japanese.

**INTL 375** [4 CR]

### **STUDY ABROAD: CIVILIZATION STUDY**

Designation used to indicate an appropriate course taken during study abroad fulfills the international studies civilization requirement.

**INTL 385** [2 CR]

### **REFLECTION AND INTEGRATION**

The purpose of this course is to help students process their study abroad experience. By means of digital storytelling, students will critically reflect on new experiences, articulate the deeper meaning of these experiences, and integrate this learning into expression of self. Students will also explore the interconnectedness of historical, socio-cultural, political, and educational issues. Prerequisite: Completed participation in an approved study abroad program. Credit/No credit.

**INTL 400** [4 CR]

### **INTERNATIONAL STUDIES CAPSTONE**

The International Studies Capstone provides International Studies majors with a culminating and integrative experience at the end of the major. This course is required for graduation. Students will explore and analyze various international events, problems, or phenomena, sharing the interdisciplinary tools they have gained throughout the course of their studies. Students will be required to participate in an undergraduate research conference and complete an international education practicum as part of their senior capstone. Prerequisite: POLI 350. Spring semester.

**INTL 489** [2 OR 4 CR]

### **SPECIAL TOPICS**

A study of a single topic of special interest to one or more students. Prerequisite: permission of the instructor and approval of the director of international studies.

**INTL 490** [2 OR 4 CR]

### **INDEPENDENT STUDY**

A tutorial course involving either a directed reading program in an area of special interest to the student or a project based on research conducted under the supervision of a faculty member. Prerequisite: permission of the instructor and approval of the director of international studies.

**INTL 494** [4 CR]**INTERNSHIP IN INTERNATIONAL STUDIES**

The internship experience allows students to apply their studies in a supervised work situation. Students benefit from gaining an inside look at one or more organizations, by having the chance to work in their field of study, and by gaining experience with state-of-the-art equipment and practices. Permission of the instructor and approval by the director of international studies is required.

**INTERNSHIP [ISHP]****ISHP 494** [0-4 CR]**ACADEMIC INTERNSHIP SEMINAR**

Appropriate work experiences with businesses, governmental agencies, non-profit organizations, or schools may be undertaken for course credit, when directly related to the educational goals of the student. The work done or a description of the field experience is not sufficient for academic credit; there must also be evidence of reflective analysis and interpretation of the experience which relates it to the basic theory in related areas. This course will allow students from all majors and disciplines to complete internships for credit while also developing career readiness skills.

**L****LATIN [LATN]****LATN 101** [4 CR]**ELEMENTARY LATIN**

An introduction to classical Latin with emphasis on the grammar, syntax and vocabulary necessary for reading Latin prose and poetry. The course also stresses the influence of Latin on English vocabulary. Fall semester.

**LATN 102** [4 CR, CORE: SL]**INTERMEDIATE LATIN**

A continuation of CLAS 101, with extended reading passages in Latin prose and poetry. Prerequisite: CLAS 101. Spring semester.

**LATN 103** [4 CR, CORE: SL]**ACCELERATED ELEMENTARY LATIN**

This course consolidates Latin 101 and Latin 102 into a one-semester accelerated course of study and is designed for students with prior study at the beginning level. Prerequisite: two to four years of

high school Latin or one semester of Latin at the post-secondary level. Summer semester.

**LATN 203** [4 CR, CORE: SL]**READINGS IN LATIN**

After learning more about Latin grammar, students will translate a variety of texts that will bring them in touch with the rich humanity of thoughtful human beings who lived 2000 years ago. Authors considered will include Catullus, Cicero, Horace and Pliny. Prerequisite: CLAS 102. Fall semester.

**LATN 204** [4 CR, CORE: SL]**ADVANCED READING IN LATIN**

This course will continue to develop proficiency in Latin vocabulary and grammar through readings of Latin literature selected by the students. The course will assist students incorporating the Latin language and the skills developed in previous Latin courses into their daily lives and chosen career paths. Prerequisite: CLAS 203.

**LEADERSHIP STUDIES [LEAD]****LEAD 100** [4 CR]**LEADERSHIP THEORY AND PRACTICE**

Introduces and acquaints students with the history of leadership studies, past and current leadership theories and styles, and their practical implementation in the daily operational activities in the fields of health studies, engineering / manufacturing, international business or education. The course focuses on definitional issues (What is leadership?) and explanations (How does it work?). At the end of the course students are expected to demonstrate basic knowledge in various approaches, frameworks and activities of leadership theory, particularly within their chosen field of study and be able to give practical examples of leadership within those fields.

**Learning Objectives**

- Understand that leadership is a process, a skill, a commitment, and an action.
- Develop comfort in considering the theoretical underpinnings when observing leadership in action.
- Assess the credibility of leadership studies scholarship and key scholars in the field.
- Be exposed to different local leaders and their concepts and philosophies of leadership.

**LEAD 200** [4 CR, CORE: IS]**INTRODUCTION TO LEADERSHIP STUDIES**

This course focuses on definitional issues (What is leadership?) and explanation (How does it work?).

The course also acquaints students with theories and styles of leadership.

**LEAD 205 [2 CR]**  
**ETHICAL LEADERSHIP**

This course extends the learning of Business Ethics (BUAD 210) by exploring theory, core moral values, and conscientious reasoning through the lens of ethical leadership. Use of materials from the tradition of Catholic Social Teaching will enhance students being a steward of communities and organizations.

**LEAD 210 [2 CR]**  
**LEADERSHIP IN THE ARTS**

Leadership in the Arts focuses on the inner workings of arts organizations such as symphony orchestras, theater companies, and art museums. Students will learn about strategic and marketing planning and implementation, operational and financial goal setting and strategies, and stakeholder management. The course will address leadership in for-profit, nonprofit, and educational organizations.

**LEAD 250 [4 CR]**  
**EXPERIENTIAL LEADERSHIP THROUGH WILDERNESS EXPEDITION**

This course is available to students enrolled in the SNC Gap Program and is taught in cooperation with the Voyageur Outward Bound School. The course will focus on identifying and learning leadership skills within a small group setting. Students will increase their self-awareness as a member of a team, discover their leadership talents and skills within a group, develop and build interpersonal communication skills, learn to adjust leadership styles within the context of small group dynamics, and understand the values that guide their leadership style.

**LEAD 336 [4 CR]**  
**EXECUTIVE LEADERSHIP**

An examination of executive leadership at the national, state and local levels in the United States. Focuses on leadership development, leadership styles and the impact of leadership in governing. Prerequisite: POLI 130 or LEAD 200. Spring semester, alternate years.

**LEAD 360 [4 CR]**  
**GENDER AND LEADERSHIP**

Gender and Leadership examines a number of questions regarding the relationship of gender and leadership in different contexts: business, the political arena and social movements. The course will address several questions, e.g., the role of gender in the emergence of leaders, the role of gender in the

evaluation of leaders, the role of gender in explaining different leadership styles, and the role that gender plays in the success or failure of leaders. The course will examine the theoretical literature on gender and its relationship to leadership from a number of disciplinary perspectives – communications, political science, psychology and sociology. In addition, the course will also use case studies in order to determine the importance of gender and leadership in specific circumstances. Prerequisite: LEAD 200 or sophomore standing.

**LEAD 361 [4 CR]**  
**PEER LEADERSHIP**

Leadership can be properly understood in the context of well-run organizational activities, the appropriate exercise of vision and authority, and the intentional application of skills and abilities. But leadership can be especially challenging in interpersonal work, team, or social relationships that revolve around peer behavior. Peer Leadership aims to provide students an opportunity to explore contemporary student development theory, to understand the needs and leadership gifts of a variety of special populations, and to learn about and practice a variety of skills in order to create change. Students in this course will be asked to apply this knowledge to the St. Norbert College residential campus in a way that leads to a changed campus culture and improved quality of life for the campus community.

**LEAD 363 [4 CR]**  
**LEADERSHIP AND CIVIC ENGAGEMENT**

This course explores the connection of leadership as social change to leadership as service. It will help students build a strong theoretical foundation in socially engaged leadership and then apply those theories in community engagement projects. The course demands that students work in small groups with community partners in education, business and non-profit organizations. Prerequisite: LEAD 200.

**LEAD 389 [2 OR 4 CR]**  
**SPECIAL TOPICS**

This is a seminar course offered whenever a mutual interest in a more specialized topic in Leadership Studies exists for a faculty member and a sufficient number of students.

**LEAD 400 [4 CR]**  
**LEADERSHIP STUDIES CAPSTONE**

This course combines skills development and practical applications with the synthesis and integration of theories and concepts of leadership. The course provides students with the opportunity to observe, demonstrate and apply socially responsible

leadership on campus and in the community.  
Prerequisite: LEAD 200, senior standing or instructor consent.

## **LIBERAL STUDIES [LIST]**

### **LIST 501 [3 CR]**

#### **INTRODUCTION TO LIBERAL STUDIES**

Courses in this area are intended to serve as an introduction to liberal studies and fine arts through the study of significant works from a broad spectrum of areas and disciplines within the liberal arts tradition. Primary sources are selected from a variety of disciplines and time periods; secondary sources related to these primary sources are also considered. Courses in this area emphasize both the interdisciplinary nature of liberal studies and the fact that the most significant questions confronting humankind can be addressed from a variety of intellectual perspectives.

This course is divided into three major sections. The first section examines key themes and ideas of the Western intellectual tradition. The second unit surveys the history of the liberal arts and discusses its significance for today's world. The final unit examines the different methodologies used to address fundamental questions of existence with particular attention to interdisciplinary research.

### **LIST 502 [3 CR]**

#### **INTELLECTUAL HISTORY**

Courses in this area reflect the fact that throughout history people have employed many and varied means to understand themselves and the universe around them and that over time ideas and concepts change, merge, disappear and then sometimes re-appear. Courses are designed to help students appreciate both the diversity and continuity of human thought. Proceeding chronologically, each course in this area follows some of the ways that ideas evolve, exploring the development of faith, reason, imagination or science in the works of authors who have made a mark on civilization. Both primary and secondary sources are examined.

### **LIST 503 [3 CR]**

#### **IDEAS AND ISSUES IN THE HUMANITIES**

Courses in this area examine some of the most important ideas and intellectual movements in the history of the humanities, including the fine arts. Readings will come from a variety of subject areas (from literature, philosophy, and history to religious studies and the fine arts) and may include selections from writers and thinkers as diverse as Plato, Dante,

Shakespeare, Sartre and Rahner.

### **LIST 504 [3 CR]**

#### **IDEAS AND ISSUES IN THE NATURAL SCIENCES AND MATHEMATICS**

Courses in this area will provide an introduction to some of the important current and historical issues in science and mathematics. Possible topics include: evolution; cosmology, quantum mechanics and string theory; genetics (genomics); environmental issues; artificial intelligence; medicine and medical ethics; decidability and incompleteness theorems.

### **LIST 505 [3 CR]**

#### **IDEAS AND ISSUES IN THE SOCIAL SCIENCES**

Courses in this area address some of the relations between individuals and social organizations (society, culture, economy, law or government). Through readings selected from economics, sociology, psychology, political science, anthropology, education or business, courses may investigate such important social issues as individualism vs. collectivism, freedom vs. coercion, civil society vs. politics, private vs. public, church vs. state, national vs. international, and the associated issues of individual autonomy, social cohesion, democracy, property rights, education, ethnic and cultural identity, international organization, free trade and globalization.

### **LIST 540 [3 CR]**

#### **AMERICAN PERSPECTIVES**

Courses in this area will address diverse and definitive elements of American culture and influence. Specific classes may deal, for instance, with American history, politics, economy, literature or art, but they will always aim to broaden and deepen students' appreciation of American heritage and America's place in the contemporary world by focusing on the works and ideas that have helped shape American traditions.

### **LIST 545 [3 CR]**

#### **CLASSICAL PERSPECTIVES**

Courses in this area invite students to think about the historical importance and continuing impact of the cultures (philosophy, literature, art, history and archeology) of ancient Greece and Rome. They may include topics up to the Renaissance, but will focus largely on the ancient period, showing the essential classical contribution to the development of the Western world. Featured authors may include Homer, Aristotle, Sophocles, Vergil, Lucretius or Ovid.

**LIST 550 [3 CR]****DIVERSE PERSPECTIVES**

In order to introduce students to an increasingly diverse society and intellectual tradition, courses in this area will address the identities and perspectives of diverse populations, based on race, ethnicity, class and/or gender. Occasionally courses may address other underrepresented populations on which there are significant bodies of knowledge.

**LIST 555 [3 CR]****ETHICS AND LIBERAL STUDIES**

Courses in this area will present the main positions in ethical thought, their development, and their application to contemporary social and political issues. The value of liberal studies for thinking and deciding about ethical issues will be emphasized.

**LIST 560 [3 CR]****INTERNATIONAL PERSPECTIVES**

Focusing on cultures and traditions outside the United States, courses in this area will expand students' understanding and appreciation of the diversity of human experience worldwide. Although approaches may engage disciplines from anthropology and art to economics, politics, science and religion, the learning experience should help students acquire an integrative world view, as well as methods for studying diverse and evolving cultures.

**LIST 588 [3 CR]****CAPSTONE**

This seminar prepares students to research and write their master's thesis. The first part of the course discusses the similarities and differences in approaching a topic from various scientific and humanistic perspectives; the second part of the course requires students to begin researching their topics, with class time devoted to sharing their initial findings with the rest of the class. At the end of the course, students will be well on their way toward completing their research projects.

**LIST 589 [1 CR]****SPECIAL TOPICS ONE-CREDIT COURSES**

Special topic one credit mini-courses will be offered on a per semester schedule. Students will be required to take one mini course. Topics of these courses will vary each semester.

**LIST 596 [1 CR]****THESIS PROJECT 1**

The student develops and, under the supervision of the thesis director, writes a master's thesis. The director of MLS must approve thesis directors. Enrollment and registration in this course is available

in the fall semester of each academic year. The purpose of the thesis project is to demonstrate the student's ability to study a problem and utilize the resources available within the liberal studies program to develop a practical approach based on a sound methodology. This approach must be informed by a critical, focused and coherent analysis based on the liberal arts tradition.

**LIST 597 [1 CR]****MASTER'S THESIS PROJECT 2**

This course is a continuation of LIST 596, leading to the submission of the master's thesis. Prior to final approval, a discussion of the project proposed will take place between the student and a panel of three persons (i.e., the thesis project director and two readers), at which time the thesis project is either approved, rejected or conditionally approved with recommendations for improvement. This course will be offered in the spring semester of each year.

**LIST 600 [0 CR, \$100 FEE]****CONTINUING MASTER'S THESIS**

If a student does not complete the thesis project while enrolled in LIST 597, students are required to register for this course every semester thereafter until the project is completed. Those students who wish to graduate in May of any year must have the final, completed thesis project turned in no later than March 1 of that year.

## M

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### MATHEMATICS [MATH]

**MATH 102 [2 CR]****BASIC ALGEBRA**

Topics include numbers and their properties, operations with rational numbers, fundamental operations in algebra, linear equations in one variable, special products and factoring, algebraic fractions, systems of linear equations, exponents and radicals, quadratic equations. Required of students whose placement test indicates inadequate preparation in mathematics. A student who has received credit for MATH 115, MATH 123, or MATH 131 may not take MATH 102 for credit without the registrar's consent.

**MATH 115 [4 CR]****PRE-CALCULUS MATHEMATICS**

Primarily for students intending to take MATH 131 but who need more preparation. Topics include basic concepts of set theory, algebraic operations, functions, systems of equations, exponents,

logarithms, trigonometry and an introduction to graphing software. Prerequisite: MATH 102 or placement. A student who has received credit for MATH 131 may not take MATH 115 for credit without the registrar's consent. Spring semester.

**MATH 120** [4 CR, CORE: QR]

**NUMBERS AND OPERATIONS**

Intended for elementary education majors, this course examines the mathematical content knowledge underlying the numbers and operations taught in elementary school. Students will explore content in the Common Core State Standards, such as place value; algorithms for addition, subtraction, multiplication, and division; and arithmetic properties of counting numbers, integers, fractions, and decimals. This course focuses on mathematical content, not teaching methods. Prerequisite: MATH 102 or placement.

**MATH 123** [4 CR, CORE: QR]

**APPLICATIONS OF CONTEMPORARY MATHEMATICS**

This course is designed to help students recognize the place of mathematics and mathematical reasoning in society. Students will be given the opportunity to enhance their ability to see the relevance of mathematics behind many current topics and to use mathematical techniques to address those topics. Topics include: mathematics of finance, logic, probability, statistics and counting techniques, graph theory, and additional topics at the instructor's discretion. Prerequisite: MATH 102 or placement.

**MATH 128** [4 CR, CORE: QR]

**INTRODUCTION TO STATISTICS**

This course offers a background in combinatorics, probability, descriptive statistics, and inferential statistics to prepare students to succeed in successive courses, especially BUAD 228. Students apply quantitative thinking and application of software to practical problems in the real world. Prerequisite: MATH 102 or placement.

**MATH 129** [4 CR, CORE: QR]

**DIFFERENTIAL CALCULUS OF POLYNOMIALS**

Intended for students who need calculus for their major program, but who would benefit from additional support (as determined by placement), this course covers differential calculus, with a focus on polynomial and piecewise polynomial functions. Topics include limits and continuity; the derivative, its meaning, computation and applications. Precalculus topics will be integrated throughout the semester, as needed. Prerequisites: Placement.

**MATH 130** [4 CR]

**DIFFERENTIAL CALCULUS OF NON-POLYNOMIALS AND INTEGRAL CALCULUS**

This course is a continuation of MATH 129. This course covers differential and integral calculus with the addition of logarithmic, exponential, and trigonometric functions. Topics include continuity of functions; the definite integral, its meaning, computation and applications; differentiation and integration of logarithmic, exponential, and trigonometric functions; and the fundamental theorem of calculus. Precalculus topics will be integrated throughout the semester, as needed. Prerequisites: MATH 129.

**MATH 131** [4 CR, CORE: QR]

**CALCULUS AND ANALYTIC GEOMETRY 1**

Pre-calculus mathematics will be presumed but reviewed as needed. Topics include limits and continuity of functions; the derivative, its meaning, computation and applications; the definite integral, its meaning, computation and applications; differentiation and integration of logarithmic, exponential and trigonometric functions; and the fundamental theorem of calculus. Prerequisite: four years of college preparatory math in high school or MATH 115.

**MATH 132** [4 CR, CORE: QR]

**CALCULUS AND ANALYTIC GEOMETRY 2**

Topics include applications of integration, methods of integration, indeterminate forms and improper integrals, elementary differential equations, and series. Prerequisite: MATH 130 or MATH 131.

**MATH 203** [4 CR, CORE: QR]

**LINEAR ALGEBRA**

The course will cover systems of linear equations and their solutions, matrix algebra, determinants, vector spaces and linear transformations, eigenvalues and eigenvectors, and inner product spaces. While linear algebra can be studied at a more theoretical level (e.g. MATH 303), this course will focus on the problem-solving capabilities and applications of linear algebra. Prerequisites: MATH 130 or MATH 131 or placement in MATH 132.

**MATH 212** [4 CR, CORE: QR]

**PRINCIPLES OF ALGEBRA AND DATA**

Intended for elementary education majors, this course examines the mathematical content knowledge underlying the algebra, number theory, statistics and probability taught in elementary and middle school mathematics. Students will explore ratio and proportion, number theory, algebra, statistics, and

probability. This course focuses on mathematical content, not teaching methods. Prerequisite: grade of “C” or better in MATH 120 or Math 250. Spring semester.

**MATH 220** [4 CR, CORE: QR]  
**PRINCIPLES OF GEOMETRY**

Intended for elementary education majors, this course examines the mathematical content knowledge underlying the geometry taught in elementary and middle school mathematics. Students will explore measurement including length, area and volume; polygons; constructions; similar and congruent figures; and symmetry. This course focuses on mathematical content, not teaching methods. Prerequisite: grade of “C” or better in MATH 120 or MATH 250. Fall semester.

**MATH 221** [4 CR, CORE: QR]  
**INTRODUCTION TO STATISTICS WITH R**

This course covers both descriptive and inferential statistics. Major topics include discrete and continuous random variables, probability and density functions, statistical inference and sample statistics, confidence intervals, hypothesis testing, analysis of variance (ANOVA), and regression analysis. Students will learn to implement these topics in the R programming language for statistical computing. Prerequisite: MATH 130 or MATH 131 or placement in MATH 132.

**MATH 233** [4 CR, CORE: QR]  
**CALCULUS AND ANALYTIC GEOMETRY 3**

Topics include parametric equations, polar coordinates, matrices and determinants, vectors and curves in two- and three-dimensional space, partial derivatives, multiple integrals, further applications of differentiation and integration, and line integrals. Prerequisite: MATH 132. Every semester.

**MATH 240** [4 CR]  
**EPIDEMIOLOGY**

This course serves as a basic introduction to math modeling in epidemiology, with examples drawn broadly from infectious disease, chronic disease, and social epidemiology. The mathematical concepts and skills required to assess population health and the methodologies used to examine factors associated with the development and prevention of disease will be explored. Computational tools necessary for the analysis of data applicable to public health outcomes will be applied.

**MATH 250** [4 CR, CORE: WI]  
**ADVANCED FOUNDATIONS OF MATHEMATICS**

This course is intended to be a transition to abstract

mathematics. Topics include logic, the axiomatic method and the nature of proof, sets, relations, functions and 1-1 correspondences, countability, and selected topics in discrete mathematics. Prerequisites: CSCI 110 (or instructor consent), MATH 132 and MATH 203.

**MATH 289** [4 CR]  
**SPECIAL TOPICS**

The course topic and title will be announced at the time the course is offered. This course is intended for students at the first-year/sophomore level.

**MATH 303** [4 CR]  
**ADVANCED LINEAR ALGEBRA**

Topics include vector spaces and inner product spaces, linear transformations, matrices and determinants, and eigenvalue problems. Although linear algebra can be studied with an emphasis on computational techniques and column vectors (e.g., MATH 203), this course will focus on proof-writing and the theory of abstract vector spaces. Prerequisite: MATH 250. Spring semester, alternate years.

**MATH 306** [4 CR]  
**ABSTRACT ALGEBRA**

Topics include groups, cyclic groups, permutation groups, quotient groups, Lagrange’s theorem, homomorphism theorems, rings, ideals, polynomial rings, elementary number theory, integral domains and fields. Prerequisite: MATH 250. Fall semester.

**MATH 310** [4 CR]  
**ORDINARY DIFFERENTIAL EQUATIONS**

Topics include solutions of first order linear and nonlinear ordinary differential equations including separable variables, exact, homogeneous, and autonomous. Includes higher order linear differential equations, systems of ordinary differential equations, variation of parameters, Laplace transforms, power series, numerical solutions, and applications of differential equations. Prerequisite: MATH 203 and MATH 233. Spring semester, alternate years.

**MATH 313** [4 CR]  
**MATHEMATICAL MODELING**

This course introduces the construction and investigation of mathematical models for real-world problems. Techniques explored involve dimensional analysis; difference, ordinary differential and partial differential equations; fixed point, stability, and phase plane analysis; deterministic and stochastic processes; and computer packages as needed. Applications may include, but are not limited to, mechanical vibrations, population dynamics, traffic flow, chemical kinetics, cell biology and geophysical

fluid dynamics. Prerequisite: MATH 203 and MATH 233. Fall semester, alternate years.

**MATH 315 [4 CR]**  
**NUMERICAL ANALYSIS**

This course introduces algorithms for numerical solutions to mathematical problems, error analysis and computer packages. Topics include power series, roots of equations, linear and nonlinear systems, numerical differentiation and integration, differential equations, interpolation and difference equations, and curve fitting. Prerequisites: CSCI 110, MATH 132, and MATH 233 or instructor consent. Spring semester, alternate years.

**MATH 317 [4 CR]**  
**OPERATIONS RESEARCH**

Topics include linear programming, duality, sensitivity analysis, transportation and assignment problems. The course also deals with computer implementation of selected algorithms. Selected topics from the following: game theory, network analysis, integer programming and decision theory. Prerequisite: MATH 233 and MATH 250.

**MATH 318 [4 CR]**  
**METHODS OF APPLIED MATHEMATICS**

This course offers an introduction to the methodologies and classical techniques in applied mathematics. Topics include scalar and vector field theory (line integrals, Stoke's theorem, Green's theorem, irrotational fields); Fourier methods (series, integral, transform); partial differential equations (characteristics, Laplace equation, the wave equation, potential theory); and complex variable theory (conformal mapping, Taylor series, Laurent series, residues). Prerequisite: MATH 203 and MATH 233. Fall semester, alternate years.

**MATH 319 [4 CR]**  
**FINANCIAL MATHEMATICS**

This course introduces students to principles of financial mathematics. Specific topics include time value of money, annuities, loans, bonds, general cash flows and portfolios, immunization, interest rate swaps, and determinants of interest rates. Offered Fall semester, every other year. Prerequisite: MATH 250.

**MATH 321 [4 CR]**  
**PROBABILITY AND STATISTICS**

Topics include probability, discrete and continuous random variables, discrete and continuous distributions, statistical inference and sample statistics, hypothesis testing and selection of procedures, and correlation and regression.

Prerequisite: MATH 233 and MATH 250. Fall semester, alternate years.

**MATH 350 [4 CR]**  
**MODERN GEOMETRY**

Topics include postulational systems, Euclidean and non-Euclidean geometries, and the role of geometry in the history of mathematics. Prerequisite: MATH 250. Spring semester, alternate years.

**MATH 355 [4 CR]**  
**TOPOLOGY**

Topics include metric spaces and general topological spaces, separation properties, compactness, connectedness, convergence, completeness, continuous functions, and homeomorphisms. Prerequisite: MATH 250. Offered by special arrangement with a member of the mathematics faculty.

**MATH 373 [4 CR]**  
**REAL ANALYSIS**

Topics include introduction to the theory of functions of a real variable, topology, limits, continuity, differentiability, the Riemann integral, sequences and series. Prerequisite: MATH 250. Spring semester, alternate years.

**MATH 376 [4 CR]**  
**COMPLEX ANALYSIS**

Topics include elementary functions of a complex variable, differentiation, topology, integration, calculus of residues and series. Prerequisite: MATH 250. Spring semester, alternate years.

**MATH 489 [4 CR]**  
**SPECIAL TOPICS**

A course designed for the study of subject material of special interest. The organization, methodology and objectives of the course will be determined by the instructor. Prerequisites: instructor consent and junior or senior standing.

**MATH 490 [4 CR]**  
**INDEPENDENT STUDY**

A course which allows a talented student to pursue an area of study on an individual basis, with consultation and evaluation. The objectives, organization, methodology and means of evaluation will be mutually agreed upon by a faculty member and the student. Prerequisites: instructor consent and junior or senior standing.

**MATH 497 [2 CR]**  
**SENIOR SEMINAR**

This course is a synthesizing experience for the mathematics major, comprising a semester-long seminar, an individual project and presentation, plus two exams covering the various areas of mathematics in the undergraduate curriculum. The project allows the mathematics major to explore a topic of interest, connect ideas from various aspects of their coursework, and show their ability to effectively communicate mathematics. Prerequisite: MATH 250 and senior standing.

**MATH 499 [0 CR]**  
**SENIOR EXAMINATION**

This course consists of two, two-hour exams covering the various areas of mathematics in the undergraduate curriculum. One exam is a standardized national test, while the second exam is designed by the College's Mathematics discipline. The purpose of these exams is to assess whether graduates of the program are achieving the outcomes of the major program. The results of these exams will help the mathematics discipline monitor and improve the program. Prerequisite: senior standing. Spring semester.

## **MILITARY SCIENCE [MILS]**

**MILS 101 [2 CR]**  
**LEADERSHIP & MILITARY SCIENCE 1**

An introductory course designed to orient students to the ROTC program and to familiarize students with the fundamentals of various military skills including tactical movement, weapon familiarization, land navigation, facing personal challenges, and understanding the competencies that are critical for effective leadership and communication. The curriculum emphasizes the personal development of life skills such as cultural understanding, goal setting, time management, stress management, and comprehensive fitness relate to leadership, officership, and the Army profession. The focus is on developing basic knowledge and comprehension of Army leadership dimensions, attributes and core leader competencies while gaining an understanding of the ROTC program, its purpose in the Army, and its advantages for the student. Leadership students have an option to participate in combat water survival training, rappelling from a 60-foot tower, land navigation and field survival skills. Leadership laboratory required. Physical fitness session optional.

**MILS 102 [2 CR]**  
**LEADERSHIP & MILITARY SCIENCE 2**

Further development of leadership attributes required in accordance with the Army's leadership requirements model and the orientation of the ROTC program. Curriculum focuses primarily on the competencies needed for effective execution of the profession of arms, communication skills, leadership traits and behaviors, and basic combat tactics. Students learn how Army ethics and values shape the Army and the specific ways that these ethics are inculcated into Army culture. Additionally, advanced land navigation skills and basic rifle marksmanship skills are taught. Leadership students have an option to participate in combat water survival training, rappelling from a 60-foot tower, land navigation, a leadership development exercise and field survival skills. Leadership laboratory required. Physical fitness session optional.

**MILS 201 [4 CR]**  
**BASIC LEADERSHIP & MANAGEMENT 1**

A leadership and management course where the student is required to practice and apply the fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. Students are required to demonstrate writing skills and present information briefings as preparation for development in becoming a successful future officer. The outcomes are demonstrated through Critical and Creative Thinking and the ability to apply Troop Leading Procedures. Comprehension of the officer's role in Leading Change by applying Innovative Solutions to Problems in concert with the Principles of Mission Command. The Army Profession is also stressed through a leadership forum and a leadership self-assessment. Leadership students have the option to participate in Cadet Initial Entry Training at Fort Knox, KY, combat water survival training, rappelling from a 60-foot tower, land navigation and field survival skills. Leadership laboratory required. Physical fitness session optional.

**MILS 202 [4 CR]**  
**BASIC LEADERSHIP & MANAGEMENT 2**

The objective of this course is to present instruction in and practical applications of the principles and techniques of leadership, personal development, officer skills, Army Values, ethics and management by identifying and illustrating effective leadership traits. Course provides an insight into the factors affecting behavior and an opportunity for application of leadership and management techniques through tactical leadership exercises at the small unit level. Students are required to demonstrate writing skills

and present information briefings, operational orders and plans as preparation for development to become a successful future officer. Physical fitness session optional.

**MILS 301 [4 CR]**

**ADVANCED LEADERSHIP & MANAGEMENT 1**

The objectives of this course are to stress the leadership role in directing and coordinating individual and military team efforts in the execution of unified land operations in concert with the principles and war fighting functions of mission command; to familiarize students with the roles of the various branches in the overall mission of the Army and their functions in support of forces; and to teach the principles of command and control, leadership techniques and communications systems used in the tactical employment of squads and platoons. Leadership laboratory required and includes a weekend leader development exercise. Prerequisite: MILS 101, MILS 102, MILS, 201 and MILS 202, or prior military service.

**MILS 302 [4 CR]**

**ADVANCED LEADERSHIP & MANAGEMENT 2**

The objective of this course is to present instruction in and practical applications of the principles and techniques of Army Leadership, Officership, Army Values and Ethics, Personal Development and small unit tactics at the platoon level. Course provides capability for student to plan, coordinate, navigate, motivate and lead a squad and platoon in the execution of offensive, defensive and stability missions during a classroom practical exercise, a leadership laboratory, and a leader development exercise. Completion of this course prepares the student for the ROTC Cadet Leader Course, which the student attends in the summer at Fort Knox, KY. Prerequisite: MILS 301.

**MILS 401 [4 CR]**

**APPLIED LEADERSHIP & MANAGEMENT 1**

The objectives of this course are to give an overview of Army organizational structure, to give an introduction to training management, application of mission command and the importance of comprehensive Soldier fitness. Course examines the process of officer evaluation reports, cultural awareness and property protection, rules of engagement, and the Army as a Profession of Arms. Leadership laboratory required and includes a weekend leader development exercise.

**MILS 402 [4 CR]**

**APPLIED LEADERSHIP & MANAGEMENT 2**

The objectives of the course are to introduce students to the Army Operating Concept, enhance professional competence through the practical application of mission command, the execution of unified land operations, and the understanding of the operational environment to conduct a battle analysis. Course examines facets of platoon leadership to include sphere of influence, expectation management and toxic leadership to prepare the student to successfully lead a platoon in garrison and combat. Leadership laboratory required and includes a weekend leader development exercise.

**MUSIC [MUSI]**

**MUSI 012 [1 CR]**

**WIND ENSEMBLE**

The Wind Ensemble is a select ensemble for woodwinds, brass, and percussion, and is open to all students by audition. The Wind Ensemble performs both traditional and contemporary wind and percussion literature. The group represents St. Norbert College through performances in a variety of venues each year. Principal ensemble. Prerequisite: audition. Every semester, repeatable.

**MUSI 014 [1 CR]**

**CONCERT BAND**

The Concert Band is open to all students regardless of major, with no entrance audition required. This band typically consists of non-music majors and music majors on secondary instruments and prepares both traditional and contemporary band literature. Principal ensemble. Every semester, repeatable.

**MUSI 015 [1 CR]**

**CHAMBER SINGERS**

The Chamber Singers is a select ensemble of mixed voices, chosen each year by audition. The group is open to all students, regardless of major, and performs a variety of literature, from madrigals to major choral works. Principal ensemble. Prerequisite: audition. Every semester, repeatable.

**MUSI 016 [1 CR]**

**OPERA WORKSHOP**

Participants in Opera Workshop study various genres of musical drama and vocal performance styles through staged presentations. Opera Workshop productions present scenes from, or full productions of, significant operatic works. During rehearsal, students are expected to be involved in all aspects of

production, from the technical and directorial to the actual performance. Prerequisite: instructor consent. Fall semester, repeatable.

**MUSI 017 [1 CR]**

**CONCERT CHOIR**

The Concert Choir consists of two ensembles: the Men's Chorus and the Women's Chorus. These groups perform both as separate ensembles and combined as a large ensemble of mixed voices. Participants in Concert Choir perform music of all styles and genres in a minimum of two on-campus concerts each semester. Open to all students regardless of major with no audition required. Principal ensemble. Every semester, repeatable.

**MUSI 018 [1 CR]**

**BRASS ENSEMBLE**

The Brass Ensemble explores chamber brass ensemble literature ranging from trios, quartets, and quintets to larger groups. Students perform a variety of music ranging from the Renaissance era to modern works, utilizing and developing skills that are different from playing in a large band. Open to all students regardless of major. Prerequisite: instructor consent. Every semester, repeatable.

**MUSI 019 [1 CR]**

**ACCOMPANYING**

This course is designed for the advanced pianist to develop collaborative skills for working with vocalists and instrumentalists. Requirements include accompanying vocalists and instrumentalists in their lessons and studio class performances. Every semester, repeatable.

**MUSI 020 [1 CR]**

**VOCAL JAZZ WORKSHOP**

Vocal jazz participants rehearse and perform vocal jazz literature from a variety of styles and eras. Emphasis is given to solo jazz singing technique and stylistic aspects of ensemble singing. Prerequisite: instructor consent. Spring semester, repeatable.

**MUSI 021 [1 CR]**

**JAZZ ENSEMBLE**

The goal of Jazz Ensemble is the study and performance of jazz ensemble literature from a variety of styles and eras. Smaller ensemble work is also offered through the jazz combo program and is organized based on instrumentation and student interest. All participants will work on the development of improvisational skills, effective musical style and teamwork. Prerequisite: audition. Every semester, repeatable.

**MUSI 022 [1 CR]**

**SAXOPHONE ENSEMBLE**

The Saxophone Ensemble is open to all students regardless of major. The ensemble provides students with the opportunity to work in a small chamber music setting. The repertoire the ensemble performs is wide-ranging, including works from the Renaissance to contemporary saxophone literature. Ensemble members have the opportunity to help select literature and contribute to the interpretation of the music. Those more advanced members can arrange and or compose for the ensemble. Every semester, repeatable.

**MUSI 023 [1 CR]**

**FLUTE CHOIR**

The Flute Choir is open to all students regardless of major. It meets once each week and performs one concert per semester. This ensemble is also regularly one of the guests for St. Norbert's annual Brass and Organ Concert and performs for campus events as needed. The ensemble is comprised of music majors, minors, and flutists from the St. Norbert community, performing both traditional and contemporary music. Every semester, repeatable.

**MUSI 024 [1 CR]**

**CLARINET CHOIR**

The Clarinet Choir is open to all students, regardless of major, who have experience playing any member of the clarinet family as a high school student. This ensemble studies and performs music from the standard and original clarinet choir and chamber music repertory as well as transcriptions from all styles and periods. Every semester, repeatable.

**MUSI 025 [1 CR]**

**STRING ORCHESTRA**

The String Orchestra is open to all students regardless of major. Participants will be expected to have experience playing a string instrument and music reading ability. Course goals include the improvement of individual playing technique, and the study and performance of chamber and orchestral music written for strings. Prerequisite: instructor consent. Every semester, repeatable.

**MUSI 027 [1 CR]**

**BELL CHOIR**

This Bell Choir is open to all students who can read music notation, regardless of major. Participants will learn handbell performance techniques and perform a variety of secular and sacred literature written and arranged for handbell choir. Bell Choir performances take place on campus and at other arranged events off

campus. Available for audit or credit. Every semester, repeatable.

**MUSI 028 [1 CR]**  
**PIANO ENSEMBLE**

This course is designed for students who are also enrolled in piano lessons for credit at the intermediate or advanced level. Emphasis is placed on repertoire for duet, trio and quartet ensemble piano pieces. The capstone for this course will be a performance at the bi-annual Chamber Concert. Every semester, repeatable.

**MUSI 029 [1 CR]**  
**GUITAR ENSEMBLE**

The Guitar Ensemble is open to all students regardless of major. It meets once a week and includes the practice of music for guitar in groups that can range from duets, trios, and quartets, to larger ensembles of guitars. Students actively participate in the rehearsal, coaching, and performance of ensemble repertoire that consists mainly of original works written for varying numbers of guitars. Every semester, repeatable.

**MUSI 030 [1 CR]**  
**COMPOSER ENSEMBLE**

The Composers Ensemble is a modular group of musicians meeting for the purpose of creating and performing their own music. Students will create musical works to be performed at an end of the semester concert. Student composers may perform their own works or write for other members of the ensemble. Class meetings will involve critique of student work and suggestions to develop both compositional craft and artistic ideas. Students will also study and analyze music of other composers to inspire their creativity. Participation in composition studio class is encouraged. Prerequisite: Co-enrollment in or completion of MUSI 170, or instructor's permission. Every semester, repeatable.

**MUSI 031 [1 CR]**  
**IMPROVISATION WORKSHOP**

This course gives music students the tools to improvise in a variety of musical styles, including jazz. An exploration of performance tools, techniques, and historical contexts will be explored. Every semester, repeatable.

**MUSI 032 [1 CR]**  
**CHAMBER STRINGS**

This course is dedicated to the study and performance of chamber music for strings, including duos, trios, quartets and larger groups. Repertoire includes various musical styles and is drawn from composers

from a variety of historical eras and backgrounds. Every semester, repeatable.

**MUSI 033 [1 CR]**  
**WORLD MUSIC ENSEMBLE**

The World Music Ensemble is open to students of any major, and no prior background in music performance or notation reading is required. As members of this ensemble, students will explore and perform a variety of traditional musics from around the world. Every semester, repeatable.

**MUSI 035 [1 CR]**  
**PEP BAND**

Study and performance of contemporary music written for athletic bands. The Pep Band provides music at men's and women's basketball home games and other college events. Open to all brass, woodwind, percussion, electric guitar, and electric bass performers regardless of major. Rehearsal and performances as dictated by the schedule of events. May be repeated for credit.

**MUSI 051/061 [1 OR 2 CR]**  
**VOICE LESSONS - LOWER/UPPER DIVISION**

One lesson per week on voice and participation in a voice studio class. Lesson material is designed to give students a solid foundation in the areas of vocal production, literature, and performance techniques. MUSI 061 culminates in a recital performance. Prerequisite: instructor consent. Co-requisite: ensemble participation. Every semester, repeatable.

**MUSI 052/062 [1 OR 2 CR]**  
**PIANO LESSONS - LOWER/UPPER DIVISION**

One lesson per week on piano and participation in a piano studio class. Lesson material is designed to give students a solid foundation in the areas of performance, literature and pedagogy. MUSI 062 culminates in a recital performance. Prerequisite: instructor consent. Co-requisite: ensemble participation. Every semester, repeatable.

**MUSI 053/063 [1 OR 2 CR]**  
**BRASS LESSONS - LOWER/UPPER DIVISION**

One lesson per week on a brass instrument and participation in an instrumental studio class. Lesson material is designed to give students a solid foundation in the areas of performance, literature and pedagogy. MUSI 063 culminates in a recital. Prerequisite: instructor consent. Co-requisite: ensemble participation. Every semester, repeatable.

**MUSI 054/064 [1 OR 2 CR]**  
**WOODWIND LESSONS - LOWER/UPPER DIVISION**

One lesson per week on a woodwind instrument and

participation in an instrumental studio class. Lesson material is designed to give students a solid foundation in the areas of performance, literature and pedagogy. MUSI 064 culminates in a recital. Prerequisite: instructor consent. Co-requisite: ensemble participation. Every semester, repeatable.

**MUSI 055/065** [1 OR 2 CR]

**ORGAN LESSONS - LOWER/UPPER DIVISION**

One lesson per week on the organ. Lesson material is designed to give students a solid foundation in the areas of performance, literature and pedagogy. MUSI 065 culminates in a recital performance. Ensemble participation required. Prerequisite: instructor consent. Co-requisite: ensemble participation. Every semester, repeatable.

**MUSI 057/067** [1 OR 2 CR]

**COMPOSITION LESSONS - LOWER/UPPER DIVISION**

One lesson per week of private composition and participation in a composition studio class. MUSIC 067 culminates in a recital performance of original works. Prerequisite: instructor consent. Co-requisite: ensemble participation. Every semester, repeatable.

**MUSI 058/068** [1 OR 2 CR]

**PERCUSSION LESSONS - LOWER/UPPER DIVISION**

One lesson per week on percussion instruments and participation in an instrumental studio class. Lesson material is designed to give students a solid foundation in the areas of performance, literature and pedagogy. MUSI 068 culminates in a recital performance. Prerequisite: instructor consent. Co-requisite: ensemble participation. Every semester, repeatable.

**MUSI 059/069** [1 OR 2 CR]

**GUITAR OR STRING LESSONS - LOWER/UPPER DIVISION**

One lesson per week on guitar or a string instrument and participation in an instrumental studio class. Lesson material is designed to give students a solid foundation in the areas of performance, literature and pedagogy. MUSI 069 culminates in a recital performance. Prerequisite: instructor consent. Co-requisite: ensemble participation. Every semester, repeatable.

**MUSI 100** [2 CR, NO AUDIT]

**GROUP GUITAR**

This course introduces students to fundamental guitar techniques and musicianship concepts through the study of music theory, music notation, right and left hand techniques, accompaniment skills, ensemble playing and more. This course is open to all students regardless of major, with no prerequisite or ensemble participation required. Requirement: Each student is

required to own (or rent) an acoustic guitar for class instruction and practice.

**MUSI 101** [2 CR, NO AUDIT]

**GROUP PIANO**

This course emphasizes basic sight-reading skills, scales, chords and repertoire of elementary pieces for the piano. Included in the course are basic concepts of music theory. The course is open to all students with no prerequisite or ensemble participation required.

**MUSI 102** [2 CR, NO AUDIT]

**GROUP VOICE**

This class is designed for students who are interested in learning the basics of vocal technique in a small-group setting. Students will sing as a group and also prepare solo songs to perform for the class.

Repertoire encompasses a wide range of genres from classical to musical theatre. Each student will receive individual feedback in the group setting and also private lesson time with the instructor. Subjects covered include: breath management for singing, producing a pleasant tone, how to practice, maintaining vocal health, and basic vocal anatomy and performance technique. The course is open to all students. No prerequisite or ensemble participation required.

**MUSI 150** [4 CR, CORE: BB]

**SURVEY OF WORLD MUSICS**

This course provides an introduction into the study of world musics and the discipline of ethnomusicology. A variety of music traditions from around the globe are surveyed and explored through deep listening. As students analyze representative works, a deeper understanding and appreciation for music as both sound and culture will be developed.

**MUSI 170** [4 CR]

**MUSIC THEORY 1**

This is the first of a sequence of courses in which students learn the elements of music and standard notation, aural and score analysis of compositions, and the development of composition, appreciation and interpretive skills. Music theory fundamentals are emphasized. Aural skills and keyboard labs are included. Fall semester.

**MUSI 171** [4 CR]

**MUSIC THEORY 2**

This course emphasizes intermediate-level analytical techniques appropriate to common practice tonal music. Skills emphasized include harmonic analysis and model composition. Aural skills and keyboard

labs are included. Prerequisite: MUSI 170 or instructor consent. Spring semester.

**MUSI 176 [4 CR, CORE: EI]**  
**MUSIC APPRECIATION**

Designed for music minors and non-music majors, this course is concerned with the art of intelligent and perceptive music listening for those interested in increasing their knowledge and enjoyment of music. The course traces the development of music up to the present day. Various media are employed. Variable.

Note: Course not open to Music majors.

**MUSI 184 [4 CR, CORE: WT]**  
**HISTORY OF AMERICAN POPULAR MUSIC**

The course covers the history of popular music in the United States from the late 19th-century to the present day. Genres discussed include modern styles such as rock, R & B, hip-hop, folk, country, jazz, ragtime, blues, and early musical theater. A chronological study of popular styles will expose students to important songwriters and performers and show how their music was influenced by elements like racial prejudice, political events and social structures. Modern technological influences (radio, recording media, television, computers) will also be explored. Variable.

**MUSI 195 [4 CR]**  
**MUSIC ENTREPRENEURSHIP**

Music Entrepreneurship will prepare students to connect music and business opportunities through hands-on experiences in a creative community environment. The course will focus on topics such as the management of a private studio or music academy, the structure of self-employment, and the business of event performances. In addition to skills such as collaboration, marketing, and self-promotion, the course will also cover elusive topics such as grant writing and creating one's own job, or niche, in the musical world. This course will be particularly attractive to music majors, but open to all creative problem-solvers with an interest in entrepreneurial music ventures.

**MUSI 201 [2 CR]**  
**BEATMAKING AND PRODUCTION**

Produce tracks without investing in expensive audio equipment. Topics include digital audio workstations, sampling, beatmaking techniques, midi composition, audio processing, music theory, basic recording, and a survey of hip hop/rap music.

**MUSI 246 [2 CR]**  
**VOCAL DICTION I**

This course is designed for students who are interested in pursuing a music degree in vocal performance, music education (with choral emphasis), or music-liberal arts (with vocal emphasis). It includes learning the rules of pronunciation using the International Phonetic Alphabet (IPA) and studying the basic rules of two languages: English and Italian. Students will learn to apply proper stage diction in vocal performance and pedagogy. Prerequisite: declared major in Music. Fall semester.

**MUSI 247 [2 CR]**  
**VOCAL DICTION II**

This course is designed for music majors in vocal performance, music education (with choral emphasis), and music-liberal arts (with vocal emphasis). The content includes reviewing the International Phonetic Alphabet (IPA) and studying the basic rules of two languages: German and French. Students will learn to apply proper stage diction in vocal performance and pedagogy. Prerequisite: MUSI 246. Spring semester.

**MUSI 270 [4 CR]**  
**MUSIC THEORY 3**

This course explores advanced analytical techniques appropriate to common practice tonal music. Skills emphasized include harmonic and formal analysis, model composition, and writing about music. Aural skills and keyboard labs are included. Prerequisite: MUSI 171 or instructor consent. Spring semester.

**MUSI 271 [2 CR]**  
**MUSIC THEORY 4**

This course explores advanced analytical techniques, especially those useful for the post-tonal repertoire of the 20th and 21st centuries. Significant works from impressionism through the musical experiments of the 20th and 21st centuries will be covered. Skills emphasized include harmonic analysis, model composition, and writing about music. Aural skills and keyboard labs are included. Prerequisite: MUSI 270 or instructor's consent. Spring semester.

**MUSI 272 [4 CR]**  
**MUSIC THEORY AND PERFORMANCE**

In this course, students will apply music theory principles from Music Theory I–IV to music that they are currently performing. The study of music from the students' applied lessons or large ensembles will prove to be a challenging and rewarding exploration. Students will be tasked with figuring out what

combination of analytical techniques are appropriate for a given piece. At the end of the course, students will present a short lecture recital as their final project. Prerequisite: MUSI 271. Spring semester.

**MUSI 276 [4 CR, CORE: CI]**  
**MUSIC AND CATHOLICISM**

This course focuses on the Catholic intellectual tradition and its profound dialogue with music. Students will explore genres in Catholic music such as the mass, requiem mass, oratorio, passion, and other biblically inspired works. Course content will focus on pieces of music that are inspired by sacred texts. With each work, students will engage with the meaning of the text and how the music exemplifies it. Through the study of music fundamentals, students will build frameworks for listening that increase understanding and transform the listening experience. Coursework will involve readings, exercises in listening, lecture, discussion posts, and short essays. Students will improve communication skills and contemplate how the course material impacts a life lived with purpose. Variable.

**MUSI 289 [2 CR]**  
**SPECIAL TOPICS**

This course is offered whenever a mutual interest in a more specialized topic in music exists for a member of the faculty and a sufficient number of students. Prerequisite: instructor consent.

**MUSI 290 [2 CR]**  
**INDEPENDENT STUDY**

Individual study of an approved topic in music under the supervision of a music faculty member. This course permits faculty and students to explore together a subject of special or personal interest. Prerequisite: instructor consent.

**MUSI 310 [4 CR]**  
**WOMEN IN MUSIC**

This course will examine the role of women as performers, creators, and consumers of music in a variety of contexts within the Western Art Music tradition. In addition to surveying influential figures and their unique musical roles, a primary goal will be to interpret representations of women, gender, and sexuality in a variety of musical and social contexts. Ultimately, students will be challenged to consider their own perspectives, musical experiences, and interpretation of gender representations in the world today. Variable.

**MUSI 315 [4 CR, ADV CORE: WT]**  
**INTRODUCTION TO OPERA**

This course focuses on the development of operas from the Baroque era to the present, exploring opera as a social and cultural phenomenon and an expression of national musical styles. It utilizes lectures and workshops to explore the history of opera in its many forms and discover the extent to which modern music—including popular musical theatre—is indebted to the success and popularity of opera. Every spring.

**MUSI 318 [4 CR, ADV CORE: DD]**  
**EVOLUTION OF JAZZ**

The study of jazz from its origins in New Orleans to the present day. The course focuses on important performers and songwriters, types of literature, an appreciation of jazz improvisation, as well as the interaction of social, political, and economic elements that strongly influenced the genre. Audio and video presentations will be used extensively. Variable.

**MUSI 321 [2 CR]**  
**PIANO PEDAGOGY 1**

Piano pedagogy explores various theories of teaching the piano and technical analysis of the playing mechanism. Teaching methods and procedures are developed for establishing efficient practice and working with individual learning styles. Students will survey and evaluate teaching materials and learn to analyze the technical requirements of keyboard music. Prerequisite: instructor consent. Fall semester.

**MUSI 322 [2 CR]**  
**PIANO PEDAGOGY 2**

This course is a continuation of Piano Pedagogy I and provides continued experience in the practical application of piano-teaching skills and concepts of the playing mechanism. Prerequisites: MUSI 321 and instructor consent. Spring semester.

**MUSI 329 [2 CR]**  
**PIANO LITERATURE**

This course is designed to provide the piano major with an understanding of significant forms in the history of piano music, the important compositions within these genres, and a functional and practical literature library of compositions for use in a variety of settings. Spring semester.

**MUSI 345 [2 CR]**  
**VOCAL LITERATURE**

This course is designed to provide the vocal major

with an understanding of significant forms in the history of vocal music, the important compositions within these genres, and a functional and practical literature library of compositions for use in a variety of settings. Variable.

**MUSI 347 [2 CR]**

**CHORAL REPERTOIRE**

This course is designed to provide the emerging choral conductor with an understanding of significant forms in the history of choral music, the compositions that hold preeminence within those genres, and a functional and practical repertoire library of compositions for use in a variety of settings. Prerequisite: junior standing.

**MUSI 349 [2 CR]**

**VOCAL PEDAGOGY**

This course is designed to provide singers with an understanding of the anatomy, physiology, and physics of singing and song production. As part of this course, students will teach voice lessons under the supervision of the instructor. Prerequisite: junior or senior standing and instructor consent. Spring semester, variable.

**MUSI 362 [2 CR]**

**WOODWIND METHODS**

Basic principles of teaching and performing on woodwind instruments. Fall semester, alternate years.

**MUSI 363 [2 CR]**

**STRING METHODS**

Basic principles of teaching and performing on string instruments. Spring semester, alternate years.

**MUSI 365 [2 CR]**

**BRASS METHODS**

Basic principles of teaching and performing on brass instruments. Spring semester, alternate years.

**MUSI 366 [2 CR]**

**PERCUSSION METHODS**

Basic principles of teaching and performing on percussion instruments. Fall semester.

**MUSI 370 [2 CR]**

**INTRODUCTION TO JAZZ IMPROVISATION**

This course will introduce students to jazz improvisation, or the spontaneous composition through the study of great soloists and their transcriptions. Emphasis is placed on common scales, modes and harmonic progressions. Mastering this skill requires intense practice and a deep knowledge of style, form and jazz harmony. Students will be expected to perform in the classroom setting.

**MUSI 371 [4 CR, ADV CORE: WT]**

**SURVEY OF WESTERN MUSIC 1**

This course surveys the history of Western art music from antiquity to 1750 with emphasis on musical style characteristics, the development of compositional forms and genres, and the work of significant performers and composers. The study of music history familiarizes students with repertoires, musical elements, genres and notable musicians of the Western art music tradition within their social and historical contexts. This course may be an important part of a music professional's career preparations or an important contribution to any student's musical understanding. Prerequisite: MUSI 170. Fall semester.

**MUSI 372 [4 CR]**

**SURVEY OF WESTERN MUSIC 2**

This course surveys the history of Western art music from 18th to 21st centuries C.E., with emphasis on musical style characteristics, the development of compositional forms and genres, and the work of significant performers and composers. The study of music history familiarizes students with repertoires, musical elements, genres and notable musicians of the Western art music tradition within their social and historical contexts. It is an important part of a music professional's career preparations, contributing to one's musical understanding and development as a producer and consumer of music, and providing a common language with which musicians can communicate effectively with one another. Prerequisite: MUSI 371. Spring semester.

**MUSI 373 [4 CR, ADV CORE: EI]**

**HONORS MUSIC AND LITERATURE**

In this course, students will undertake an in-depth, interdisciplinary examination of several pieces of music. Topics covered may include classical literature, the enlightenment and revolution, 19th century philosophy, and 21st century globalization of culture. Students will master their oral communication skills through leadership of classroom discussions and a presentation. Students will also write a research paper or create a musical presentation involving performance and composition. Spring Semester, even-numbered years.

**MUSI 381 [2 CR]**

**INTRODUCTION TO CONDUCTING**

Baton techniques and conducting problems utilizing a cross section of instrumental and choral music from all periods. Students practice with live performers and are videotaped. Required of all music majors and minors. Prerequisite: junior standing or instructor

consent. Spring semester.

**MUSI 382 [2 CR]**

**ADVANCED CHORAL CONDUCTING**

A continuation of Introduction to Conducting, with advanced study in choral conducting, technique, score reading and rehearsal techniques. Prerequisite: MUSI 381. Fall semester.

**MUSI 383 [2 CR]**

**ADVANCED INSTRUMENTAL CONDUCTING**

A continuation of Introduction to Conducting, with advanced study in instrumental conducting technique, score reading and rehearsal techniques. Prerequisite: MUSI 381. Fall semester.

**MUSI 384 [2 CR]**

**ORCHESTRATION**

A study of the instruments of the concert band and orchestra, their tonal characteristics and transpositions. Assignments involve scoring for orchestra, concert band and various small ensembles. Coursework includes score analysis, listening and computer generation of assignments. Prerequisite: junior standing or instructor consent. Variable.

**MUSI 389 [2 OR 4 CR]**

**SPECIAL TOPICS**

This course is offered whenever a mutual interest in a more specialized topic in music exists for a member of the faculty and a sufficient number of students. Prerequisite: instructor consent.

**MUSI 420 [4 CR]**

**MERIT RECITAL**

Individual study of an approved topic in music under the supervision of a Music faculty member. This course permits faculty and students to explore together a subject of special or personal interest. Prerequisite: instructor consent and approval of the Dean of Visual and Performing Arts.

**MUSI 450 [2 CR]**

**PRE-STUDENT TEACHING SEMINAR**

Students in this course will engage in a variety of activities and discussions pertaining to student teaching in a K-12 music classroom, as well as explore current trends in music education. This course is required for all music education majors. Graded S/U. Prerequisite: music education major, senior standing. Fall semester.

**MUSI 489 [2 OR 4 CR]**

**SPECIAL TOPICS**

A course offered whenever a mutual interest in a more specialized topic in music exists for a member of the faculty and a sufficient number of students.

Prerequisite: instructor consent.

**MUSI 490 [4 CR]**

**INDEPENDENT STUDY**

Individual study of an approved topic in music under the supervision of a Music faculty member. This course permits faculty and students to explore together a subject of special or personal interest. Prerequisite: instructor consent and approval of the dean of visual and performing arts.

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## N

### NATURAL SCIENCES DIVISION

#### [NSCI]

**NSCI 104 [4 CR]**

**GREAT PEOPLE OF SCIENCE**

The development of scientific thought from the early Greek period to modern times will be covered. The primary emphasis will be on scientists as people, analysis of their contributions, and the significance of these in the development of scientific theories. Scientists such as Galileo, Newton, Einstein and Darwin will be discussed. Infrequently offered.

**NSCI 108 [4 CR, CORE: DD]**

**MINORITIES & WOMEN IN SCIENCE**

For the lay public, the image which first comes to mind when they hear the word 'scientist' is almost always a white middle-aged male in a lab coat, with thick eyeglasses, wild hair, and a slightly ruffled look. While the scientific workforce is more diverse now than in the 1950's when this stereotype was first documented, and while noted minority and women scientists are among the ranks of contemporary public intellectuals, this stereotype is alive and well in the 21st century. This course will try to get at the source of this stereotype and determine how and why science as an enterprise has often seemed so remote and inaccessible, especially for minorities and women.

Specifically, students will focus on the discouragements and obstacles facing those traditionally underrepresented in scientific careers, while highlighting the accomplishments and achievements of pioneers/trailblazers (minorities and women) in science. Students will delve into their lives exploring the personal, professional and psychological dimensions of attainment and achievement. Such understanding will provide a context for discussing the variety of contemporary programs designed to attract minorities and women to

careers in science. The course will conclude by exploring the relationship between self and community for minority and women scientists who have "made it".

Minority and women students in science must learn to formulate a career/life path that addresses these issues, while meeting such practical needs as earning a living, having time for a personal life, and maintaining a sense of self-confidence and esteem. Hopefully, this course will help them do so. Fall semester.

**NSCI 115** [4 CR, CORE: PN]

#### **INTRODUCTION TO CLIMATE CHANGE**

In this class, we will explore how science and the scientific process informs the development of our understanding of our climate and climate change. We'll investigate the long-term patterns and variation in climates over Earth's history and discuss what we can say about its future. At the end of the course, students will be able to evaluate and explain major climate drivers in the past, how past and future human activities are altering climate at local and global scales, the measurable impacts on our lives, and the pros and cons of actions we can take in response to climate change.

**NSCI 300** [4 CR, ADV CORE: PN]

#### **ASTRONOMY OF THE SOUTHERN SKY**

This global seminar course is designed to combine a survey of astronomy and its underlying physical principles with an exploration of the differences observed in the southern hemisphere. Students learn about the scientific method and developments that have enabled our current understanding of the dynamic universe. Main topics include the cycles of the sky, the history of astronomy, the stars, the Milky Way galaxy and the solar system. While abroad, students will examine differences in the astronomy of the southern hemisphere, as well as understand the way that astronomy has shaped culture, in particular navigation techniques. Laboratories with hands-on activities are an important component of the course, including astronomical observation on some evenings. No mathematical background beyond basic high school algebra is assumed. J-term, even-numbered years.

**NSCI 310** [4 CR, ADV CORE: BB]

#### **GLOBAL VIRAL PANDEMICS**

Our understanding of viral diseases extends beyond the physical effects they have on an individual. For example, viruses may influence governmental policies and create social stigmas that have long-term consequences. This discussion-based course will

explore through literature and first-hand accounts how social, political, cultural, gender, and scientific views influence global healthcare and a global understanding of viral pathogens. The AIDS pandemic and Ebola epidemic will be the focus of this offering.

**NSCI 315** [4 CR, ADV CORE: PN]

#### **CLIMATE CHANGE**

This course introduces students to the debate surrounding the topic of "climate change" and will focus on three primary questions: 1) Is the climate changing? 2) Do human activities influence climate change in measurable ways? 3) Can and should action be taken to mitigate or ameliorate the perceived climate changes? This course will examine, via discussion, analyses of primary and secondary sources, modelling exercises, student writing and occasional guest lectures, the scientific, political, economic and psychological factors that influence the modern discourse involving climate change. The competing interests in this debate as well as the complexity of issues relevant to the discussion make the material for this course timely, relevant and controversial. Students in the course will be encouraged to put aside their preconceived notions and view the topics discussed through a critical and objective lens.

**NSCI 348** [4 CR, ADV CORE: BB]

#### **BIOTERRORISM**

This course will investigate the methods of development of biological weapons and the mechanisms of their use against military or civilian populations. Biological weapons are defined as those viral and bacterial pathogens of humans that induce illness in the affected individual and also those biological agents that can damage or destroy the food and water supply of a population. Protection against such attacks will be discussed. The effects on society as a whole and the responses of society to the threat of bioterrorist attacks will be emphasized. This course has a laboratory component in addition to a lecture format. In the laboratory, the principles of epidemiological spread of disease agents will be investigated by the use of simulations and the mechanisms of disease prevention will be addressed experimentally.

**NSCI 354** [4 CR]

#### **NATURAL HISTORY FIELD STUDIES**

This course involves an extended inter-semester field trip to study the natural history and culture of an area (generally the neotropics). Students are required to attend regular classes before and after the trip. A research project and field book constitute the major

course requirements.

**NSCI 358** [4 CR, ADV CORE: PN]  
**SOCIAL IMPACTS OF INFECTIOUS DISEASE**

This course focuses on the social and historical importance of infectious disease. The course will center around three main ideas: a summary of significant diseases in human history, a detailed analysis of the particular outbreak in history, and a detailed account of an emerging outbreak of infectious disease. Basic information regarding microorganisms and the human immune system will be included. A laboratory component will allow students to observe and handle non-pathogenic bacteria and fungi and conduct basic experiments in disease transmission.

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## O

### ONEIDA [ONEI]

**ONEI 101** [3 CR]  
**ELEMENTARY ONEIDA LANGUAGE 1**

A course on the Oneida language typically offered in the Oneida community with the aid of native speakers. Emphasis varies with student interest. Tools and resources for further independent study are stressed. Course offered through UW-GB exchange. Please contact the SNC Registrar's Office for registration procedures.

**ONEI 102** [3 CR]  
**ELEMENTARY ONEIDA LANGUAGE 2**

A course on the Oneida language typically offered in the Oneida community with the aid of native speakers. Emphasis varies with student interest. Tools and resources for further independent study are stressed. Course offered through UW-GB exchange. Please contact the SNC Registrar's Office for registration procedures.

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## P

### PEACE AND JUSTICE STUDIES [PEAC]

**PEAC 200** [4 CR]  
**INTRODUCTION TO PEACE AND JUSTICE**

Violent conflict remains one of the most serious problems in the world today. Hundreds of thousands of people die every year as a result of war, and

millions of refugees are displaced and suffering. The interdisciplinary academic field of peace studies attempts to understand the causes of such conflict and contribute to sustainable strategies that will lead not just to the absence of war, but to genuine human flourishing. This course will introduce that field of study with a particular emphasis on conflict transformation, peace building, and the rights of marginalized persons. These emphases reflect our Norbertine heritage and the ordering themes of the Peace and Justice minor at St. Norbert College.

**PEAC/PHIL 266** [4 CR, CORE: WT]  
**HUMAN RIGHTS AND RESPONSIBILITIES**

A critical examination of the ethical, political, and religious foundations of human rights. We will trace the development of the idea of human rights historically and globally while asking a number of central questions, including: do we discover human rights or do we invent them? How are human rights distinct from civil rights? Does our responsibility to respect human rights supersede any obligations we might otherwise have to respect national borders? Are critics right to worry that the idea of human rights can itself be misused to promote injustice?

**PEAC 301** [2 CR]  
**MIGRATION, REFUGEES, AND CITIZENSHIP:  
ETHICAL FOUNDATION**

This is a 2-credit course on migration, refugees, and citizenship. We will study these issues through a critical examination of recent literature, as well as through working directly with the affected populations. SNC students will engage in meaningful service by providing mentorship and tutoring for refugees and immigrants as they prepare to take their citizenship exam. This learning environment will encourage SNC students to recognize their personal and social responsibilities by raising their awareness of the experience of immigrants and refugees, as well as their own capacity to address these needs in an impactful way.

Note: This is part one of a two-part course (301 & 302). Students can take either or both parts (and in any order). Part one focuses on foundational ethical questions regarding immigration, refugees, and citizenship. Part two will focus on important contemporary discussions of these topics that arise in philosophy, political science, law, sociology, history, and literature. Spring, annually.

**PEAC 302 [2 cr]**  
**MIGRATION, REFUGEES, AND CITIZENSHIP:  
CONTEMPORARY DISCUSSIONS**

This is a 2-credit course on migration, refugees, and citizenship. We will study these issues through a critical examination of recent literature, as well as through working directly with the affected populations. SNC students will engage in meaningful service by providing mentorship and tutoring for refugees and immigrants as they prepare to take their citizenship exam. This learning environment will encourage SNC students to recognize their personal and social responsibilities by raising their awareness of the experience of immigrants and refugees, as well as their own capacity to address these needs in an impactful way.

Note: This is part two of a two-part course (301 & 302). Students can take either or both parts (and in any order). Part one focuses on foundational ethical questions regarding immigration, refugees, and citizenship. Part two will focus on important contemporary discussions of these topics that arise in philosophy, political science, law, sociology, history, and literature. Fall, annually.

**PEAC 400/THRS 460 [4 CR]**  
**CAPSTONE IN PEACE AND JUSTICE**

PEAC 400 is the capstone course for the Peace and Justice minor at St. Norbert College. In this seminar, students will deepen their knowledge of peace and justice through reading, active discussion, and in-depth research. In discussion and written work, students will be challenged to integrate knowledge accumulated throughout the minor (i.e., from coursework, service, and community engagement).

**PHILOSOPHY [PHIL]**

**PHIL 120 [4 CR, CORE: PF]**  
**PHILOSOPHICAL FOUNDATIONS IN THE STUDY OF  
HUMAN NATURE**

This course provides a thematic and historical introduction to basic philosophical issues regarding human nature utilizing primary texts from established figures in the philosophical tradition. Topics include the moral dimension of human experience, the fundamental nature of the world, the nature of truth and knowledge, and justice. Readings include dialogues of Plato, authors from at least three of the four philosophical epochs (ancient, medieval, modern and contemporary), and at least one author from the Christian philosophical tradition. Emphasis will be placed on methods of logical inquiry including Socratic dialectic, deductive and inductive inference,

and other forms of philosophical discourse with the goal of developing the student's skills in written and oral communication.

**PHIL 200 [4 CR, CORE: DD]**  
**PHILOSOPHY OF SEX AND LOVE**

In this course, we'll engage both historical and contemporary philosophical work to interrogate a variety of questions concerning the nature of love and sex, including: What is love? What is sex? What makes it the case that X loves Y? Is there, or should there be, an ethics of love and sex? What is moral, what is normal, and who gets to decide? How do our understandings of masculinity and femininity inform what we believe about love and sex? The course will be divided into five units: (1) Reasons for Love; (2) Historical Perspectives on Sex and Love; (3) Sexual Preferences; (4) Sex and Gender; and (5) Consent, Coercion, & Violence. Fall semester, even-numbered years.

**PHIL 205 [4 CR, CORE: WT]**  
**EXISTENTIALISM AND FILM**

An introduction to the central themes of existentialism through a study of philosophical writing, literature, and film. We will examine the meaningfulness of human life and the way that it is threatened by nihilism and suffering; we will consider the existentialist account of human nature that is characterized by freedom, creativity, and responsibility; and we will critically examine the possibility of living an authentic life with others in modern society.

**PHIL 207 [4 CR]**  
**GREEK PHILOSOPHY**

A study of the ancient Greek thinkers who initiated Western philosophy. The course begins with the pre-Socratic philosophers and then focuses on Plato and Aristotle. Fall semester.

**PHIL 208 [4 CR]**  
**PHILOSOPHY OF SPORTS**

This course is based on the premise that talking about the nature and purpose of sports is one of the best things about sports. We will consider questions like: Could it be that winning really is the only thing? Can (or should) politics be left out of sports? Are combat sports ethical? Is it irrational for fans to take pride in the accomplishments of their favorite team? Where do the unwritten rules of a sport come from? What is the point of sports?

**PHIL 210 [4 CR]****LOGIC**

A study of the principles of correct reasoning. The course covers informal fallacies and the fundamentals of symbolic logic, including quantification theory. Spring semester.

**PHIL 211 [4 CR]****FOOD ETHICS**

Eating is among the most primal of human activities. Yet the question of what we should eat becomes increasingly complicated as we learn more about the effects of our choices on animals, the environment, our communities and ourselves. When, if ever, is it ethical to eat animals? Should we eat locally or should we take a more cosmopolitan approach? Can mindful eating contribute to a more just world? What is a healthy body? The course will culminate with a final project that analyzes our food practices from several ethical frameworks, informed by scientific, humanistic, and economic perspectives. Designed for non-philosophy majors. Prerequisite: PHIL 120.

**PHIL 213 [4 CR, CORE: CI]****MEDIEVAL PHILOSOPHY**

A survey of the philosophy of the medieval period (c. 400-1400 AD), focusing on a few of the philosophical themes medieval authors were especially concerned with, such as how to live happily, the problem of evil, the relationship between human freedom and divine predetermination of the future, the alleged conflict between rationality and religious belief, the origin of gender and gender roles, and the ethics of wealth and poverty. Attention will be given to Christian, Muslim, and Jewish authors. Spring semester, odd-numbered years.

**PHIL 235 [4 CR, CORE: WT]****SELF-KNOWLEDGE, SKEPTICISM, AND SELF-DECEPTION**

This course will examine what (if anything) distinguishes knowledge of the self from other kinds of knowledge. In so doing, we'll consider: (i) what is valuable about self-knowledge; (ii) what distinguishes self-knowledge from self-understanding; (iii) whether or not authenticity has distinctive epistemic or moral worth; and (iv) what conditions of both the human mind (e.g., our cognitive biases and heuristics) and our social circumstances may undermine our attempts to know ourselves. Spring semester, alternate years.

**PHIL/THRS 265 [4 CR, CORE: BB]****ASIAN PHILOSOPHY AND RELIGION**

A study of the major philosophical and religious traditions of South and East Asia. The course

emphasizes the Hindu and Buddhist traditions. The ethical, metaphysical, and epistemological aspects of each major tradition are covered. Prerequisite: PHIL 120. Fall semester.

**PHIL/PEAC 266 [4 CR]****HUMAN RIGHTS AND RESPONSIBILITIES**

A critical examination of the ethical, political, and religious foundations of human rights. We will trace the development of the idea of human rights historically and globally while asking a number of central questions, including: do we discover human rights or do we invent them? How are human rights distinct from civil rights? Does our responsibility to respect human rights supersede any obligations we might otherwise have to respect national borders? Are critics right to worry that the idea of human rights can itself be misused to promote injustice?

**PHIL 275 [4 CR]****BIOETHICS**

A study of ethical issues associated with health and medicine. The course will begin with an overview of major positions in ethical theory and of fundamental concepts and principles in medical ethics. Issues may include, but are not limited to, the relation between health care providers and patients, human reproduction, conflicting definitions of mental illness, the use of biotechnology for human enhancement, balancing individual liberty with public health, withholding and withdrawing of life-sustaining treatment, research ethics, and social justice and health policy. Catholic teachings on some of these issues will be considered. Spring semester.

**PHIL 282 [4 CR, CORE: WT]****LAW, MORALITY AND PUNISHMENT**

Do we have a moral obligation to obey the law? Are unjust laws still laws? Does self-defense make any sense as a legal excuse? Students will investigate the validity and authority of legal systems with special attention to the historical evolution of key concepts within the Western philosophical tradition. Topics include the relation of law to morality, the conditions of responsibility and the justification of punishment. Prerequisite: PHIL 120.

**PHIL 300 [4 CR]****MODERN PHILOSOPHY**

A study of the major movements and figures in European philosophy from the 16th to the 19th century. The focus of the course is the rise of skepticism in relation to developments in science and religion, the study of the nature of the mind, and the knowing process and claims about the nature and existence of the self, of the external world and of God. A number of thinkers and philosophers will be

surveyed with principal emphasis on Descartes, Locke, Hume and Kant. Prerequisite: junior standing or instructor consent. Fall semester.

**PHIL 302** [4 CR]

**MINDS, BRAINS, AND COMPUTERS**

An investigation of the nature of minds and mentality, surveying both historical and contemporary accounts. Topics covered may include the relationship between the mental and the physical, theories of mental content and mental representation, the nature of consciousness, the capabilities of artificial intelligence, and the existence of free will.

**PHIL 303** [4 CR]

**KANT & 19TH CENTURY PHILOSOPHY**

This course examines Kant's writing and the remarkable and challenging century of philosophy that followed in its wake. Our central themes will include: the power and limits of human reason; our ethical and political obligations and the source(s) of their authority; the significance of human culture and historical transformation in shaping the values that we presently hold; philosophy's relationship to art, science, and religion; and the threat of ideology and nihilism to our self-understanding and sense of meaning. In addition to Kant, featured authors may include Hegel, Marx, Mill, Kierkegaard, and Nietzsche. Prerequisite: PHIL 120.

**PHIL 305** [4 CR, ADV CORE: WT]

**AMERICAN PHILOSOPHY**

A study of the major movements and figures in American philosophy and intellectual history. The course will examine the diverse philosophical themes in the American tradition, including idealism, 18th century political theory, transcendentalism and pragmatism. Figures studied include Edwards, Adams, Jefferson, Emerson, Thoreau, James and Dewey. Spring semester.

**PHIL/THRS 308** [4 CR, ADV CORE: WT]

**PHILOSOPHY OF RELIGION**

A study providing a rational assessment of religious beliefs and concepts and of arguments used in their support. The course considers contemporary challenges to the belief in God and the responses to these challenges.

**PHIL 315** [4 CR]

**ETHICS**

How ought we live? This course will help students develop their ability to answer this question by introducing them to three major ethical traditions: consequentialism, deontology, and virtue theory. We will use these theories to examine pressing issues about the path of our own lives, as well as the path of

our society. Past topics have included: Are some careers more ethical than others? Is it ever wrong to bring children into the world? Are national borders unjust or are they a moral necessity?

**PHIL 316** [4 CR, ADV CORE: WT]

**MODERN POLITICAL THOUGHT**

A critical examination of the political theories of major thinkers of the modern period and the development of these ideas in contemporary political thought. We will investigate such issues as the origin and purpose of political societies, the nature of political power, and the concepts of authority and sovereignty, law, liberty, civil disobedience and revolution. We will consider the writings of Hobbes, Locke, Rousseau, Mill, Marx, Martin Luther King Jr. and Rawls, among others. Fall semester, alternate years.

**PHIL 322** [4 CR, ADV CORE: CI]

**AQUINAS' PHILOSOPHY AND THEOLOGY**

A critical study of the philosophical theology of St. Thomas Aquinas. Topics covered may include the existence and nature of God; the efficacy of religious language; the origin, order, and purpose of created beings; the interplay between intellect and will in human actions; the relationship between virtue and the good life for human beings; the species of vice and their causes; and the metaphysical accounts of Christian doctrines such as the Trinity, Incarnation, and Eucharist. Fall semester, alternate years.

**PHIL 334** [4 CR, ADV CORE: EI]

**TRAGEDY AND PHILOSOPHY**

A study of tragedy as a dramatic and literary form and the different Western philosophical theories of tragedy inspired by that art form. One half of the course will concentrate on Greek tragedy (Aeschylus, Sophocles, Euripides) and its commentators, both ancient (Plato and Aristotle) and modern. The second half will examine both Renaissance and modern examples of the tragic tradition with contemporary philosophical readings on the significance of that tradition. Spring semester, alternate years.

**PHIL/WMGS 344** [4 CR, ADV CORE: DD]

**FEMINIST PHILOSOPHY**

This course provides a survey of topics in contemporary feminist philosophy, and it will be divided into four units: (1) Oppression, Gender, & Misogyny; (2) Objectification & Self-Objectification; (3) Consent & Sexual Violence; and (4) Feminist Epistemologies. In our first unit, we'll discuss concepts that are fundamental to feminist theory, including oppression, gender, and misogyny; and then we'll consider how sexist and racist oppression

relate to and augment each other. In our second unit, we'll ask questions like: what does it mean to be objectified? Who/what can be objectified and who/what can objectify? Then, in our third unit we'll turn our attention to the nature of consent and sexual violence. We'll ask: what is consent? What role does consent play in an ethical sex life? What is rape? How does rape relate to other sexual wrongs? And, finally, we'll survey some of the recent literature in feminist epistemology, focusing largely on the phenomenon of hermeneutical injustice. Prerequisite: PHIL 120. Fall semester, odd-numbered years.

**PHIL 352 [4 CR, ADV CORE: EI]**

**LABYRINTHS OF TIME**

The course will examine different ideations and representations of time throughout history and through the framework of different cultures with special attention to the collision of these ideations in the work of Latin American fiction writers. Students will study and discuss representations of time in literature, art and film. The course will culminate in a final creative project through which students will present their new understanding of time. J-term, odd-numbered years.

**PHIL 389**

**SPECIAL TOPICS**

A study of a single philosophical topic of special interest to students. When the course is offered, the topic will be listed in the timetable of courses.

**PHIL 490**

**INDEPENDENT STUDY**

A course allowing staff and students to explore together philosophical topics of special interest. Prerequisite: instructor consent and approval by dean of Humanities.

**PHIL 495 [2 CR]**

**THESIS RESEARCH**

In this course, the student will work together with a faculty advisor from the Philosophy discipline to produce a proposal for the student's senior thesis project (which will be written in PHIL 496), along with an annotated bibliography of research sources for the project. This course may be taken prior to or concurrently with PHIL 496. In ordinary cases, the student will have the same advisor for PHIL 495 and PHIL 496.

**PHIL 496 [2 CR]**

**THESIS WRITING**

Students will work with a member of the Philosophy faculty to produce a senior thesis on a philosopher,

topic, or theme of their choosing, and to revise the thesis based on instructor feedback. Pre / co-requisites: instructor approval and PHIL 495.

## **PHYSICAL EDUCATION [PHED]**

**All PHED courses are offered with a Satisfactory/Unsatisfactory grading format, and may not be taken on an independent study basis.**

**PHED 037 [2 CR]**

**CURLING**

This course will give students the basic skills and knowledge of curling. Content will include history, terminology, equipment, team composition and learning of the fundamentals.

**PHED 039 [2 CR]**

**CONDITIONING AND TRAINING FOR ROAD RACES**

Learning the fundamental principles required to successfully train for a 3K, 5K, 10K, half-marathon and marathon are the fundamental topics in this course. Aerobic and anaerobic training will be conducted through track workouts and longer road runs. The goal of this course is to gain an understanding of different training programs, why they are used, and how to develop and personalize an individual plan for different road races.

**PHED 043 [2 CR, \$30 FEE]**

**BOWLING**

This course will give students the basic skills and knowledge of bowling. Content will include history, terminology, equipment, approaches, releases, aiming and starting positions.

**PHED 044 [2 CR, \$35 FEE]**

**RECREATIONAL ICE SKATING**

This course is designed for students interested in learning the proper techniques and methods involved with ice skating. The class will emphasize both forward and backwards skating and will cover all other aspects involved with ice skating. This class is open to all levels of ice skaters.

**PHED 045 [2 CR]**

**BASKETBALL**

This course will give students an opportunity to participate in and enjoy the recreational play of basketball. Emphasis will be on basic skills, knowledge of rules and strategies necessary for participation in the sport.

**PHED 046 [2 CR]**  
**RED CROSS LIFEGUARDING**

Provides entry-level participants the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide care for breathing and cardiac emergencies, injuries and sudden illnesses until EMS personnel take over. Participants who successfully complete the Lifeguarding course receive an American Red Cross certificate for Lifeguarding/First Aid/CPR/AED both valid for 2 years.

**PHED 060 [2 CR]**  
**BEGINNING WEIGHT TRAINING FOR MEN**

An introduction to the fundamentals, techniques, safety concerns, and surveys of programs and concepts of weight training.

**PHED 061 [2 CR]**  
**BEGINNING WEIGHT TRAINING FOR WOMEN**

An introduction to the fundamentals, techniques, safety concerns and surveys of programs and concepts of weight training.

**PHED 075 [2 CR]**  
**ORGANIZATION AND ADMINISTRATION OF ATHLETIC PROGRAMS**

This course is designed to provide students with administrative techniques and procedures in the administration of athletic programs with a concentration on the collegiate field. Emphasis on theories and philosophies of administration, policies and practices, leadership, management, budgeting, planning, facilities and legal liabilities.

**PHYSICS [PHYS]**

**PHYS 100 [4 CR, CORE: PN]**  
**PHYSICS IN THE ARTS**

This course will examine the underlying physics involved in photography and music. Main topics will include waves, reflection and refraction, lenses, the eye, oscillations and resonance, the ear, and musical instruments. Lectures and one laboratory period per week. Basic algebra and geometry knowledge will be assumed.

**PHYS 101 [4 CR]**  
**CONCEPTS OF PHYSICS**

An introduction to selected concepts and theories of physics, presenting their origin in connection with specific persons and events and their development into their present forms. Topics include the Copernican revolution, Newtonian dynamics,

electromagnetic theory, the theory of relativity, and the quantum theory of microscopic matter. Emphasis will be given to concepts that have broad applications to phenomena of common experience. Presentation is by lectures, demonstrations, and laboratory experiments. No mathematical background beyond high school algebra will be assumed. Student who have received credit for PHYS 111 or PHYS 121 may not take PHYS 101 for credit without the registrar's consent. Infrequently offered.

**PHYS 111 [4 CR, CORE: PN]**  
**FUNDAMENTALS OF PHYSICS 1**

An introductory course that presents students with the fundamental concepts of physics. This algebra-based course assumes no previous physics experience and will include the study of kinematics (including vectors), Newton's laws, mechanical energy, rotational motion and waves. Consists of lectures and one laboratory period per week. Working knowledge of basic trigonometry and advanced high school algebra will be assumed. Fall semester.

**PHYS 112 [4 CR]**  
**FUNDAMENTALS OF PHYSICS 2**

Continuation of PHYS 111, completing a full-year introductory sequence on the fundamental concepts of physics. Topics include thermodynamics, electricity and magnetism, optics, and introduction to modern physics, including quantum concepts and radioactivity. Lectures and one laboratory period per week. Prerequisite: PHYS 111. Spring semester.

**PHYS 121 [4 CR, CORE: PN]**  
**GENERAL PHYSICS 1**

Intended mainly for Physical Science majors, this introductory course presents a unified view of the fundamental principles of physics. Conceptual development and problem-solving skills are emphasized. Topics include vectors, kinematics, Newtonian dynamics, the conservation laws, oscillatory motion and waves. Lectures and one laboratory period per week. A working knowledge of trigonometry and completion of advanced high school algebra will be assumed. Co-requisite: MATH 131 or equivalent. Fall semester.

**PHYS 122 [4 CR]**  
**GENERAL PHYSICS 2**

Continuation of PHYS 121, completing a full-year introductory sequence. Topics include thermodynamics, electric and magnetic fields and their interaction with matter, electro-magnetic waves, physical and geometrical optics, and radioactivity. Lectures and one laboratory period per week. Prerequisite: PHYS 121 and MATH 131. Spring

semester.

**PHYS 141** [4 CR, CORE: PN]

**ASTRONOMY**

This course is designed to provide a survey of astronomy with emphasis on the underlying physical principles. Students will learn about the scientific method and developments that have enabled our current understanding of the dynamic universe. Main topics include the cycles of the sky, the history of astronomy, the stars, the Milky Way galaxy and the solar system. Group projects will cover additional topics such as galaxies, cosmology and details of the solar system planets. Laboratories with hands-on activities will be an important component of the course. Some lab periods will meet in the evening for astronomical observations. No mathematical background beyond basic high school algebra will be assumed.

**PHYS 211** [4 CR]

**CLASSICAL MECHANICS**

An intermediate treatment of Newtonian mechanics. Topics include equations of motion and their solutions, conservation laws, systems of particles, central force motion, and an introduction to Lagrangian and Hamiltonian mechanics. Lectures and one laboratory period per week. Prerequisites: PHYS 122 and MATH 132. Fall semester, alternate years.

**PHYS 225** [4 CR]

**ELECTRONICS**

An introductory course in circuit analysis, including DC and AC circuits, semiconductor devices, and digital logic circuits. Lectures and one laboratory period per week. Prerequisites: PHYS 122 and MATH 132. Fall semester, alternate years.

**PHYS 241** [4 CR, CORE: WT]

**MODERN PHYSICS**

A survey of the essential experimental and theoretical development of 20th-century physics. Topics include special relativity, wave-particle duality, Bohr atom, basic quantum mechanics, radioactivity, nuclear reactions and particle physics. Lectures and one laboratory period per week. Prerequisites: PHYS 122 and MATH 132. Fall semester, alternate years.

**PHYS 250** [4 CR]

**ADVANCED LABORATORY**

An advanced course in experimental design and analysis intended to replicate the activities of a professional research project through the precision measurement of several of the fundamental physical contacts of the universe. Additional topics will

include the calculation of statistical and systematic uncertainties, computer-based modeling and analysis, written and oral presentation of results, and research ethics. Prerequisites: PHYS 121 and PHYS 122. Spring semester, alternate years.

**PHYS 300** [4 CR, ADV CORE: PN]

**SCIENCE AND PUBLIC THOUGHT**

This course will develop important aspects of our physical understanding of the world, and then examine how they are understood in the context of public thought. Intersections between science, philosophy, religion, and politics will be examined, as well as how they are communicated between scientists and non-scientists. Specific topics such as climate change, the history of the universe, vaccinations, and others will be explored.

**PHYS 311** [4 CR]

**THERMAL PHYSICS**

An intermediate treatment of thermodynamics and statistical mechanics from a modern point of view. Topics include temperature, heat, entropy, irreversible processes, the general laws of thermodynamics, canonical distribution, equipartition theorem, the ideal gas law and an introduction to quantum statistics. Co-requisite: PHYS 241. Fall semester, alternate years.

**PHYS 321** [4 CR]

**ELECTRICITY AND MAGNETISM**

A study of the classical electromagnetic theory. Topics include electrostatics, magnetostatics and an introduction to electrodynamics. Vector calculus will be introduced and extensively used. Prerequisites: PHYS 122 and MATH 233. Spring semester, alternate years.

**PHYS 352** [4 CR]

**OPTICAL AND ATOMIC PHYSICS**

An introduction to the current fields of Optical and Atomic Physics. The foundations of modern optics will be laid, including the electromagnetic and quantum mechanical theory of light, geometric and wave optics, instrumentation, polarization, lasers, and modern optical components. The interaction of light with atoms will be introduced, including the fundamentals of atomic structure and numerous applications. Prerequisite: PHYS 241. Co-requisite: MATH 310. Spring semester, alternate years.

**PHYS 411** [4 CR]

**QUANTUM MECHANICS**

An advanced treatment of the principles and methods of quantum mechanics. Topics include the Schrodinger equation, the harmonic oscillator, the

hydrogen atom, quantum statistics, and applications to atomic and nuclear physics. The operator method will be introduced and used. Prerequisite: PHYS 241. Co-requisite: MATH 310. Spring semester, alternate years.

**PHYS 489 [4 CR]**

**SPECIAL TOPICS**

Designed for the study of subject material of special interest. The organization, methodology and objectives of the course will be determined by the instructor. Prerequisite: junior or senior standing and instructor consent.

**PHYS 490 [2 OR 4 CR]**

**INDEPENDENT STUDY**

This course is designed to allow students to pursue, on an individual basis, an area of study such as solid state physics or astrophysics. The methodology and objectives will be mutually agreed upon by a faculty member and the student. Prerequisites: junior or senior standing, prior consultation with and consent of the instructor and approval of the associate dean of natural sciences.

**PHYS 492 [2 OR 4 CR]**

**INDEPENDENT RESEARCH**

An independent study course involving laboratory research carried out under the direction of a faculty member in physics or astrophysics. The methodology and objective will be mutually agreed upon by a faculty member and the student. Prerequisites: junior or senior standing, prior consultation with and consent of the instructor and approval of the associate dean of natural sciences.

**PHYS 494**

**INTERNSHIP (PHYSICS)**

Appropriate work experiences with businesses, governmental agencies, non-profit organizations, or schools may be undertaken for course credit, when directly related to the educational goals of the student. The work done or a description of the field experience is not sufficient for academic credit; there must also be evidence of reflective analysis and interpretation of the experience which relates it to the basic theory in related areas. This course will allow students pursuing Physics, Engineering and Robotics to complete internships for credit while also developing career readiness skills. Instructor permission is required.

**PHYS 499 [0 CR]**

**SENIOR EXAMINATION**

This course consists of a comprehensive examination covering the various areas of physics in the undergraduate curriculum. The results of this

examination will help the physics discipline assess achievement and improve the program. Prerequisite: senior standing. Spring semester.

## **POLITICAL SCIENCE [POLI]**

**POLI 130 [4 CR, CORE: IS]**

**UNITED STATES POLITICS AND GOVERNMENT**

This course is a survey of the United States political system at the national, state and local levels; including examination of constitutions, social and political ideology, mass political behavior, parties and interest groups, the Congress, the presidency, the courts, and the development of national public policy. It focuses on the problems of policy-making in a pluralistic democratic system.

**POLI 131 [4 CR, CORE: DD]**

**AMERICAN POLITICS TRANSFORMED**

The U.S. Census Bureau estimates that by 2044, whites will make up less than half of the nation's population as new communities of people find a place in American society. The transformation of the population over the last century has had a significant impact on politics in the nation. But this change is nothing new. From the drafting of the American Constitution through contemporary politics, the struggle for emancipation, and the pursuit of inclusion and equality by different groups within society have shaped the debates over how we should govern ourselves. This course helps students understand the structure, function, and impact that political institutions have on American life and politics through the analysis of race, ethnicity, gender, and other populations that have often been outsiders in the political process.

**POLI 132 [4 CR, CORE: IS]**

**PUBLIC POLICY**

Why do some public policies succeed in handling public problems, while others are ineffective? How do we decide which social problems need government intervention and at which level of government should they be handled? We will address these core questions in this course with 3 modules: 1) an introduction to the policy-making process, from problem definition, to agenda setting, all the way through to the implementation and evaluation stages of the policy process; 2) basic public policy analysis and evaluation skills; and 3) applying policy process knowledge and analytical skills to the examination of major public policy areas such as health, environment, education, welfare and social security, budgeting and economic policy, and foreign policy/homeland security.

**POLI 200 [4 CR]****RESEARCH METHODOLOGY AND TECHNIQUES**

Examines the fundamental methods and techniques used in political science research. Emphasis on concept formation and measurement, hypothesis development, research design, data collection, hypothesis testing, statistical association, theory construction, and ethics in political science research. Prerequisites: POLI 130 or POLI 131 or INTL 150.

**POLI 231 [4 CR]****STATE AND LOCAL POLITICS**

Students will be able to examine state and local politics focusing on the legal and theoretical bases of state and local government. Discussions will also include intergovernmental relations, government institutions and comparative public policy. Emphasis is placed on understanding state and local politics within a framework of competition among state and local governments. Prerequisite: POLI 130. Fall semester, alternate years.

**POLI 232 [4 CR, CORE: DD]****RED STATE BLUE STATE: AMERICAN POLITICAL POLARIZATION**

The media is full of Chicken Littles saying, “the sky is falling, the sky is falling,” about how bad American politics is these days. Every day the news covers congressional gridlock and fighting. Some even question whether American democracy will survive. But, how bad is it really? The answer to that is actually quite complex and is the cornerstone of this course. We will first define and measure the current era of political polarization by examining how various societal groups and regions differ from one another on a multitude of political and social issues. While this will give us a sense of “how bad” things are currently, we cannot fully appreciate the severity of current polarization without putting it in the larger context of comparing it with historical U.S. examples and examples from other countries. Finally, we will learn about the origins of this current era of polarization: “how did we get here?” in order to discuss potential solutions and forecast the future health of American democracy. This course is based on the assumption of no prior knowledge about American politics. Political polarization is used as a frame to enter into learning about current events and the structure and culture of American politics and government. Prerequisites: POLI 130 or POLI 131.

**POLI 237 [4 CR]****COURTS AND JUSTICE IN THE U.S.**

This course provides an introduction to the system of courts in the United States and the actors and institutions that attempt to provide justice under

criminal and civil law. The politics and the policy produced by the American legal system will help structure the review of primary and secondary source material. Prerequisite: POLI 130, POLI 131 or permission of the instructor. Fall semester, alternate years.

**POLI 238 [4 CR]****INTRODUCTION TO PUBLIC ADMINISTRATION**

An examination of the growth of the public sector in the U.S. and the consequences and challenges resulting from that growth. Emphasis is placed on the politics of bureaucracy, the relative roles of the public and private sectors in providing goods and services, and past and present controversies over the appropriate method of organizing the public sector. Prerequisite: POLI 130 or POLI 131. Spring semester, alternate years.

**POLI 248 [2 CR]****TRIAL ADVOCACY**

This course provides an introduction to civil and criminal litigation in the context of the American judicial system with a focus on courtroom procedures, evidence, witness preparation and examination, and the art of advocacy. Although intended for the training of students who hope to compete with the St. Norbert mock trial team, the course is open to any student interested in learning more about the courts and the legal process. Prerequisites: POLI 130, POLI 131 or instructor consent, sophomore standing. Fall semester.

**POLI 249 [0 OR 2 CR]****MOCK TRIAL**

This course exposes students to the process of presenting a criminal or civil case in the context of an intercollegiate competition. Students will adopt roles as attorneys and witnesses for both the prosecution plaintiff and defense. Prerequisites: POLI 248 or instructor consent, sophomore standing. Spring semester.

**POLI 310 [4 CR, ADV CORE: IS]****FASCISM AND SOCIALISM**

This course examines the political ideologies which have influenced the Western world and been extended to the Non-Western world as well. Ideology means a body of political thought or belief which motivates groups to take political action. The course begins with an overview of the philosophical roots of political ideology in Western political thought and focuses on the development of political ideas and movements in the 19th and 20th centuries. The course includes studies of nationalism, liberal democracy, democratic socialism, Marxism, Soviet

and Chinese communism, fascism, national socialism, anarchism and various radical and traditionalist movements.

**POLI 317 [4 CR]**

**AMERICAN POLITICAL THOUGHT**

This course provides students with an introduction to the writings of the American founding, including the Federalist Papers and the thinkers who helped develop the American political tradition. In addition, students will explore the transformation of American thought during the course of the nation's history, reviewing authors who wrote at the time of the Civil War, the Industrial Revolution and the transformative periods of the 20th century. Spring semester, alternate years.

**POLI 332 [4 CR]**

**POLITICAL PARTIES AND ELECTIONS**

Students will examine the role of political parties and elections at the state and national level in the U.S. The course will focus on elections as a linkage mechanism between the citizens and the institutions of government in a democracy. There will also be an emphasis on important issues such as nomination processes, the role of the media, campaign advertising, campaign strategy, citizen participation and voting behavior. Prerequisite: POLI 130. Fall semester, alternate years.

**POLI 333 [4 CR, ADV CORE: IS]**

**AMERICAN CONSPIRACY THEORIES**

This course will examine the content, causes, and effects of conspiracy theories in the US from the colonial times to the present. Primary questions to be addressed in this course are: why do people believe conspiracy theories? Are some more prone to belief than others? Does belief in conspiracies lead to violence? What have been some of the major conspiracy theories in US history and how have they affected social movements, elections, and public policies? How are conspiracy theories affecting current political discourse? Has our belief in conspiracies grown over time? Assignments for the course will include reading reviews of the textbook chapters, internet searches and mini presentations on US conspiracies from which students will select a few for fact-checking and analysis. Summer sessions.

**POLI 341 [4 CR]**

**CONSTITUTIONAL LAW: INSTITUTIONAL POWERS**

This course examines how the United States Constitution both empowers and limits the state and federal governments. Legal doctrines that define federalism, the separation of powers, the regulation of commerce and economic rights will be examined

through the decisions of the U.S. Supreme Court. These writings will be used to understand the impact of the Court on the nation's social, economic, and political systems. Prerequisites: POLI 130, POLI 131, or permission of the instructor, sophomore standing. Fall semester, alternate years.

**POLI 342 [4 CR]**

**CONSTITUTIONAL LAW: CIVIL RIGHTS/LIBERTIES**

This course examines the manner in which the United States Supreme Court has defined rights and liberties that are protected by the Bill of Rights and the Constitution. Students will learn the extent of their speech, religious, and privacy rights as well as protections afforded the criminally accused. Decisions of the United States Supreme Court will be examined and the impact those decisions have on the politics and culture of the nation. Prerequisite: POLI 130 or permission of the instructor, sophomore standing. Spring semester, alternate years.

**POLI 343 [4 CR]**

**ADMINISTRATIVE LAW & POLITICS**

This course investigates the relationship of government agencies to legislative and legal institutions and the manner in which government regulates through the bureaucracy. The course also makes students aware of the impact agencies have on citizens, businesses, industry and interest groups through the development and enforcement of legal rules. The course evaluates the political, social and economic impact of bureaucracies on the operation of various institutions that regulate and influence American life. Prerequisites: POLI 130, POLI 131, or instructor consent.

**POLI 345 [4 CR]**

**CONGRESS AND THE PRESIDENCY**

In this course the structures and politics of Congress and the Presidency will be analyzed. Students will be exposed to the foundations and institutional arrangements of each branch and will review congressional and presidential procedures in lawmaking and policy-making. The course will also assess congressional and presidential power over time and the manner in which both branches interact institutionally as well as how they interact with the American public and society in electoral processes.

**POLI 346 [4 CR]**

**POLICY ANALYSIS**

This course consists of two parts. The first part examines the policy process in American government, the content of contemporary policy and the impact of policy on society. Case studies will illustrate the nature of policy-making and problems

of implementing public policy. The second part of the course will introduce various tools and methods which will enable students to analyze public policy. Prerequisites: POLI 130 or POLI 131, SSCI 224 and POLI 200, sophomore standing. Spring semester, alternate years.

**POLI 348 [4 CR]**  
**ENVIRONMENTAL POLITICS**

Students will examine the social and political trends that have contributed to the environmental hazards we now face. Various theoretical approaches that discuss human relations with the environment will be examined in the context of critical issues such as global warming, setting of toxic waste facilities and the pollution of the Fox River. Prerequisite: POLI 130. Fall semester, alternate years.

**POLI 349 [4 CR, ADV CORE: BB]**  
**GLOBAL ENVIRONMENTAL POLITICS**

Global Environmental Politics will focus on the environmental ethics that undergird international environmental treaties, the international policy making process and international environmental legal structures, the content of the treaties themselves, the enforcement mechanisms, and the outcomes. Emphasis will be on global issues such as endangered species, climate change, the ozone layer, fishing and the regulation of the seas, as well as on transboundary conflicts such as air pollution, and water supply and quality.

**POLI 350 [4 CR, ADV CORE: BB]**  
**INTERNATIONAL RELATIONS**

This course examines the main theories of international relations, including realism, neo-realism, liberalism, the English School, economic structuralism, IR feminist theories, critical theory, constructivist theories and normative theories. Students will acquire the intellectual tools necessary to understand, criticize and apply these theories and others of international relations. Prerequisite: POLI/INTL 150.

**POLI 352 [4 CR, ADV CORE: BB]**  
**INTERNATIONAL LAW AND HUMAN RIGHTS**

This course critically reviews and analyzes the meaning, definitions, history and development of human rights in world politics. It approaches the subject matter both from a political science and law perspective, which see human rights as ascribed rights that come from birth, and from a sociological perspective which takes into account the power relationships that are built into the understandings and differential usage of the concept of human rights. While the legal and political theory has a lot of

explanatory power in terms of tracing the evolutionary trajectory of international human rights law after World War II, sociology accounts for the cultural, societal and historical context in which the discussion of human rights arises. In this framework, the course looks at alternative views regarding the definitions, history and development of human rights in the Western and non-Western contexts.

**POLI 353 [4 CR]**

**UNITED STATES FOREIGN POLICY**

This course examines the formulation, conduct and content of contemporary U.S. foreign policies during the 20th century and at the onset of the 21st century. Students will examine the role and impact of various governmental actors in the formulation of U.S. foreign policy. They will also examine theories of foreign policy decision-making and key aspects of U.S. regional foreign policies. Prerequisite: POLI/INTL 150.

**POLI 355 [4 CR]**  
**INTERNATIONAL ORGANIZATIONS**

This course examines the role of international organizations in world politics. It focuses on the historical development of international organizations and their increasing impact on a wide range of global issues, including peacekeeping, human rights, the world economy and the environment. The course provides students with the theoretical tools and concepts they need to understand the dynamics of the institutional structures and political processes of international organizations in an increasingly interdependent world. Prerequisite: POLI/INTL 150.

**POLI 362 [4 CR, ADV CORE: BB]**  
**THE GLOBAL SOUTH IN THE 21ST CENTURY**

This course explores the impact of globalization on the political institutions of developing nations. It addresses the complex political, economic and social challenges and opportunities that the Global South faces in an increasingly interdependent world. Students will focus on the political histories of developing nations, the makeup of their political structures and institutions, the proliferation of domestic and international political actors and the emergence of diverse forms of democratic regimes. Students will be encouraged to explore the legitimacy and efficacy of national, subnational and supranational forms of governance in the 21st century.

**POLI 368** [4 CR, ADV CORE: BB]

**LATIN AMERICAN POLITICS THROUGH FILM, ART, POETRY AND MUSIC**

This course provides an overview of the governments and politics of Latin American countries from a comparative perspective. The course examines the structure, functioning and interaction of political institutions in Latin American countries. Students will be exposed to various topics including political and economic development, globalization and social movements and competing political ideologies.

**POLI 389** [2 CR]  
**SPECIAL TOPICS**

This is a seminar course that is offered whenever a mutual interest in a more specialized topic in political science exists for a member of the faculty and a sufficient number of students. Prerequisite: instructor consent.

**POLI 410** [4 CR, ADV CORE: BB]  
**GLOBAL POLITICAL EXTREMISM**

This course will focus on political extremism around the world. Different countries will be compared, allowing students to examine commonalities in the origins of political extremism between vastly different cultures. While the emphasis of the course will be on current manifestations of extremism, historical examples will also be used for comparison. Primary questions to be addressed in the course will be: what are the causes of extremism; what commonalities can be seen across different cultures and historical eras; what are the unique cultural and historical features that manifest in different forms of political extremism; how does political extremism affect different societies; how does political extremism affect current global political discourse and policy; and what can be done to try to prevent violence caused by political extremism.

**POLI 450** [4 CR]  
**THE UNITED NATIONS SEMINAR**

Students learn about world politics from scholars and practitioners during two weeks at UN headquarters in New York City, Geneva, and The Hague. Topics include peacekeeping, gendered development, and human rights. Students also see international relations in the making, visiting UN missions and meeting diplomats to discuss current world developments.

**POLI 489** [4 CR]  
**SPECIAL TOPICS**

This is a seminar course that is offered whenever a mutual interest in a more specialized topic in political science exists for a member of the faculty and a

sufficient number of students. Prerequisite: instructor consent.

**POLI 490**  
**INDEPENDENT STUDY**

Individual study of an approved topic in political science under the direction of a political science faculty member, permitting faculty and students to explore together some subject of special or personal interest. Reading and tutorial discussion are required, written work is optional. Prerequisites: instructor consent and approval of associate dean of social sciences.

**POLI 492**  
**DIRECTED RESEARCH**

Qualified students may perform political science research projects under the supervision of a political science faculty member. Prerequisites: instructor consent and approval of associate dean of social sciences.

**POLI 494** [4 CR]  
**INTERNSHIP**

Appropriate work or active political experience with government agencies or partisan political groups may be undertaken for course credit when directly related to the educational goals of the student. Prerequisites: instructor consent and approval of the associate dean of social sciences.

**POLI 499** [0 CR]  
**POLITICAL SCIENCE SENIOR ASSESSMENT**

This course consists of a single three-hour session during which students complete a standardized test of knowledge of the major field and/or other measures of the intended learning outcomes of the political science program. The data gathered during the session assists members of the political science faculty in their efforts to monitor and improve the program. Students should register for the assessment as part of their final semester of coursework at the College.

## **PSYCHOLOGY [PSYC]**

**PSYC 100** [4 CR]  
**INTRODUCTORY PSYCHOLOGICAL SCIENCE**

This course provides a survey of the many aspects of behavior which are of interest to psychologists. This includes a survey of the nervous system and biological bases of behavior, mental processes, human development, learning theory, personality, mental health and abnormality, interaction and group dynamics, and other aspects of social behavior. The

course introduces the scientific methods used in all the basic fields of modern psychology and covers alternative ways of understanding the human experience. The focus of the course is on the complex interplay between external and internal stimuli and the environmental, individual, social and cultural factors affecting human behavior and relationships.

Note: Some sections of this course are writing intensive (Core: WI). These sections may be particularly helpful for students majoring/minoring in psychology and/or the other social or natural sciences.

**PSYC 210 [4 CR]**  
**SOCIAL PSYCHOLOGY**

The influence of others on the thoughts, feelings and actions of the individual is examined. Major topics in social cognition (person perception, attribution), social evaluation (attitudes, prejudice), social influence (obedience, conformity) and social interaction (altruism, aggression) are surveyed. Differing theoretical perspectives and research methodologies are analyzed. Prerequisite: PSYC 100.

**PSYC 212 [4 CR]**  
**ADULT PSYCHOPATHOLOGY**

Examines the diagnostic criteria for a range of mental disorders, encouraging students to consider the similarities and differences across forms of psychopathology. Although emphasis is placed on the symptoms and features of disorders, the prevalence, causes, and treatments for disorders are also discussed. A priority is also placed on developing and practicing critical awareness skills in relation to mental health and illness. Prerequisite: PSYC 100.

**PSYC 215 [4 CR]**  
**HUMAN SEXUALITY**

This course will examine human sexuality through both a theoretical and practical lens. Students will learn about the biological components of human sexuality and learn a common vocabulary for engaging in informed, mature conversations about human sexuality. Then students will explore the current literature on sexual identity and behavior, and consider the social implications of human sexuality and its role in healthy development. Finally, students will examine where the gaps are in the literature and which questions are still being answered regarding healthy sexual development in humans. Prerequisite: PSYC 100.

**PSYC 220 [4 CR]**  
**LIFESPAN HUMAN DEVELOPMENT**

The course provides an examination of the physical and psychosocial factors which influence human

development from birth until death. The work of various scholars, both historical and contemporary, is considered in an attempt to provide several perspectives on the process of development throughout the human lifespan. Emphasis will be on the normative social, cognitive, emotional, and physical development of people across the lifespan, while acknowledging the important role of biological and cultural factors.

**PSYC 240 [4 CR]**  
**STEREOTYPES, PREJUDICE, AND DISCRIMINATION**

This course provides an overview of social psychological research on stereotypes (beliefs about members of social groups), prejudice (attitudes and evaluative responses toward members of social groups), and discrimination (behaviors directed toward individuals based on their group membership). We will explore both classic and contemporary work on the causes and consequences of stereotypes, prejudice, and discrimination, and focus on how these processes shape the experiences of group members, especially those from underrepresented and/or marginalized groups. Prerequisite: PSYC 100.

**PSYC 260 [4 CR]**  
**FORENSIC PSYCHOLOGY**

This course will provide an in-depth examination of the interaction between the disciplines of psychology and law. Students will learn how psychological research and theories are applied to contemporary legal issues by applying the research and theories to an actual criminal case.

**PSYC 281 [4 CR]**  
**ENVIRONMENTAL PSYCHOLOGY**

Students in this course will examine how we affect the built and natural environments and how they affect us. Topics include cognitive mapping, personal space, territoriality and environmental design (e.g. residential, learning, work and leisure environments). The course concludes with a discussion on how we might promote more harmonious and environmentally constructive interactions with our planet. Prerequisite: PSYC 100 or instructor consent.

**PSYC 289 [2 OR 4 CR]**  
**SPECIAL TOPICS**

A course on a special topic in psychology designed primarily for first- and second- year students. Offered whenever a mutual interest exists for a member of the faculty and a sufficient number of students. Prerequisite: PSYC 100.

**PSYC 301 [4 CR]**  
**BASIC PRINCIPLES AND METHODS OF PSYCHOLOGICAL RESEARCH**

This course provides an introduction to many of the basic principles involved in research, including hypothesis formulation and testing, experimental control, measurement issues and research ethics. The course also addresses a variety of basic research methods and issues in data collection and analysis. Laboratory experiences will provide students with an opportunity to practice relevant skills. Prerequisites: PSYC 100 and SSCI 224.

**PSYC 302 [4 CR]**  
**ADOLESCENT DEVELOPMENT**

Adolescence is a time of great potential and vulnerability, beginning at puberty and ending at 25 years old. In this class students will be provided with a perspective that links one's own teenage years to the main themes found in adolescent development. From a biological perspective, students will focus on pubertal and brain changes. From a social perspective, students will explore the role of the family, early experiences, and gender roles as they influence adolescent development. Students will also learn about the main theories of cognitive development and the main contributors to adolescent decision making. This is also a service-learning course, and we will be working with a community partner throughout the semester. Student are expected to complete 30 hours of service. Prerequisite: PSYC 220.

**PSYC 305 [4 CR]**  
**INTERPERSONAL AND INTERGROUP RELATIONS**

This course provides an overview of social psychological research on select interpersonal (e.g., close relationships) and intergroup (e.g., group conflict) phenomena, with the aim of uncovering the factors that hinder and facilitate supportive interactions with others. We will explore both classic and contemporary work on topics including interpersonal attraction, social support, social categorization and stereotypes, and intergroup peace and conflict. Prerequisite: PSYC 301.

**PSYC 310 [4 CR]**  
**PSYCHOPHARMACOLOGY**

This course is designed to provide a broad, general introduction to behavioral pharmacology by examining the neurological, physiological and psychological mechanisms of drug action. Topics covered include tolerance, side effects, drug interactions, and abuse potential of both recreational and therapeutic drugs. In addition, societal issues associated with drug use and abuse will be examined

(for example, decriminalization and public costs of drug dependence). Prerequisites: PSYC 100 or BIOL 121 and sophomore standing.

**PSYC 312 [4 CR]**  
**PERSONALITY PSYCHOLOGY**

Provides an introduction to the theories, research methods, and assessment approaches in personality psychology, addressing questions such as: What is personality? How does personality develop? Can personality change? What does personality "do" in people's everyday lives? Historical and contemporary perspectives are described and critiqued. Active student participation during frequent in-class discussions and in partner/group work is essential. Prerequisite: SSCI 224. Prior completion of PSYC 301 is recommended.

**PSYC 315 [4 CR]**  
**CHILDHOOD ADVERSITY AND RESILIENCE**

This course is designed to give a multilevel perspective on the social, biological, and neurological consequences of childhood adversity, such as poverty, maltreatment, and institutionalization. Students will learn about the importance of timing and duration of adversity as well as type of adversity. Emphasis will be placed on understanding how the biological realities of early adversity contribute to emotional and behavioral problems later in life. Students will also consider how some children appear resilient in the face of these challenges while other children face lifelong obstacles due to their experiences. In addition to learning about forms of adversity, we will be serving children at risk for these experiences during the semester, working with a pre-selected community partner. Students are expected to complete 30 hours of service during the course of the semester. Prerequisites: PSYC 100, PSYC 301.

**PSYC 331 [4 CR]**  
**SENSATION AND PERCEPTION WITH LABORATORY**

Students in this laboratory course will explore how humans sense and perceive the world via visual, auditory, chemical and skin senses. Physiological, psychophysical and cognitive approaches will be used to help explain how perceptions arise from the conversion of physical energy in the environment to electrochemical signals and how the brain then processes these signals. Topics include perceptual development, clinical aspects of vision and audition, music, speech, and pain perception as well as applications with respect to art, education and health. Prerequisite: PSYC 301 or instructor consent.

**PSYC 337 [4 CR]**  
**MEMORY AND COGNITION WITH LABORATORY**

Examines historical and contemporary research in the study of human cognitive processes, with particular emphasis on the area of memory. Topics covered include attention, perception of symbolic material, mental imagery, problem-solving and language. The course includes labs which provide in-depth applications of course concepts. Prerequisite: PSYC 301 or instructor consent.

**PSYC 345 [4 CR]**  
**PSYCHOLOGICAL INTERVENTIONS WITH LABORATORY**

Focuses on intervention (i.e. psychotherapeutic treatment and psychological assessment) as an ongoing scientific process, often focused on single or small groups of individuals. Prominent theoretical orientations used in clinical psychology today are described, and principles of testing are discussed in relation to these orientations. Students will “try on” each orientation’s goals, techniques, and assessments via weekly skills practice activities; effective collaboration with partners and willingness to engage in critical self-reflection is essential. Prerequisite: PSYC 301.

**PSYC 370 [4 CR]**  
**BEHAVIORAL NEUROSCIENCE**

The purpose of this laboratory course is to relate behavior to bodily processes, especially the working of the brain. Topics covered include functional neuroanatomy, neurophysiology, brain evolution, motor control and neural plasticity, regulation of internal states, sexual behavior, emotions, memory and cognition, and neurological disorders. Different research methodologies employed to investigate the biological underpinnings of behavior are also analyzed. Prerequisite: PSYC 301.

**PSYC 395 [2 CR]**  
**PROFESSIONAL ISSUES**

This course is offered concurrently with PSYC 495 (Internship & Professional Issues). Whereas students in PSYC 495 must secure and complete an internship, this course only requires participation in the class meetings; students who plan to complete an internship when taking this course should instead enroll in PSYC 495. Class meetings focus on professional development (e.g., professional networking, ethical conduct), evidence-based practices, and topics relevant to the practice of psychology in real-world settings. There are limited spots available in PSYC 495/395 each year; priority will be given to students enrolling in PSYC 495.

Prerequisites: junior or senior standing and instructor consent.

**PSYC 400 [4 CR]**  
**MOTIVATION**

This course explores the many ways that psychologists use the concept of “motivation” in the study of human behavior. Students will learn theories and measures of motivation, and understand the implications of using different motivational approaches. We will also apply our understanding of motivation to various facets of students’ lives, such as school, work, and leisure. Prerequisite: senior standing.

**PSYC 410 [4 CR]**  
**CROSS-CULTURAL PSYCHOLOGY**

This course situates psychology within a larger cultural context. Students will examine how Western culture has shaped the field by influencing psychologists’ theories and research. Approaches in cross-cultural psychology, as in the study of people across ecological settings and sociocultural contexts, will be introduced as a means of assessing the universality of psychological theories, i.e., whether such theories can be generalized to all human beings. Students will also be exposed to cross-cultural research so that they may better appreciate the effects of culture on psychological processes. Prerequisite: senior standing.

**PSYC 489 [2 OR 4 CR]**  
**SPECIAL TOPICS**

An advanced-level course for junior and senior students on a special topic in psychology. Offered whenever a mutual interest exists for a member of the faculty and a sufficient number of students. Prerequisite: PSYC 301.

**PSYC 490 [2 OR 4 CR]**  
**INDEPENDENT STUDY**

Individual study of an approved topic in psychology under the direction of a psychology faculty member. Permits faculty and students to explore together some subject of special or personal interest. Reading and tutorial discussion are required, written work is optional. Prerequisites: instructor consent and approval of the associate dean of social sciences.

**PSYC 492 [2 OR 4 CR]**  
**DIRECTED RESEARCH**

Qualified students may perform psychology research projects under the supervision of a psychology faculty member. Prerequisite: instructor consent and approval of the associate dean of social sciences.

**PSYC 494 [4 CR]**  
**INTERNSHIP**

Appropriate work or volunteer experience may be undertaken for course credit when it is directly related to psychology and to the educational goals of the student. Student interns must have junior or senior standing, have a minimum 2.50 cumulative GPA, complete a Special Course Registration Form, and also complete an Internship Course Learning Agreement Form (see Academic Internships on the College website). Students may seek out any Psychology faculty member to serve as their instructor. Prerequisites: instructor consent and approval of the Associate Dean of Social Sciences.

**PSYC 495 [4 CR]**  
**INTERNSHIP & PROFESSIONAL ISSUES**

Course requires both class meetings and work activities at local internship sites. Class meetings focus on professional development (e.g., professional networking, ethical conduct), evidence-based practices, and topics relevant to the practice of psychology in real-world settings. The internship should offer an opportunity to practice some or all of the following skills: evaluation/assessment of group and individual psychosocial functioning, plan/policy development and implementation, intervention, referral, advocacy, collaboration, cultural competence and application of professional ethics. Students are responsible for obtaining placement at an internship site (approved by instructor), with the student onsite within the first two weeks of the course. Students are expected to work 10 to 12 hours per week at the internship site throughout the semester. Note: internship sites will likely be “off-campus” and thus require that students have a means of transportation. Prerequisites: junior or senior standing, cumulative GPA of at least 2.50, and instructor consent.

**PSYC 499 [0 CR]**  
**SENIOR ASSESSMENT**

This course consists of a single three-hour session during which students complete standardized tests of knowledge of the major field and/or other measures of the intended learning outcomes of the psychology program. The data gathered during the session assists members of the psychology faculty in their efforts to monitor and improve the program. Students should register for the assessment as part of their final semester of coursework at the College.

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### **SOCIAL SCIENCES DIVISION [SSCI]**

**SSCI 103 [4 CR, CORE: DD]**  
**DIFFERENCE, DIVERSITY, AND POWER**

This course provides foundational knowledge about difference and diversity across the various social identities in current U.S. society with specific focus on race, class, gender, sexual orientation, and (dis)abilities. It will also focus on the ways in which these identities intersect in people’s lives. A combination of readings, media, experiential exercises, dialogue and writing assignments will familiarize students with the main concepts, theories and empirical research related to social science understandings of diversity and social identity in the United States context.

**SSCI 205 [4 CR, CORE: DD]**  
**DISABILITY AND AMERICAN SOCIETY**

This course provides an overview of several essential issues related to disability and its status, standing and treatment in American society – past and present. Topics covered include definitions of disability; an historical overview of social beliefs and practices related to disability in the United States; the impact of disability on schools and other educational institutions; the role of eugenics in social efforts to address disability; the disability rights movement; federal legislation pertaining to disability; and extensive exploration of the voices of persons with disabilities and their views on the treatment of the disabled in American society.

**SSCI 224 [4 CR, CORE: QR]**  
**BASIC STATISTICS**

Introduction to the basic statistical concepts and techniques (including computer-based software programs) for data analysis in the non-business Social Sciences. Includes descriptive statistics, random sampling and probability, correlation, regression, hypothesis testing and parametric / nonparametric inferential statistics. Intended for students in education, political science, psychology and sociology; also appropriate for students in the natural sciences. Prerequisite: Advanced high school algebra or MATH 102. Recommended sophomore standing or above.

**SSCI 301 [4 CR, ADV CORE: PN]**  
**ENVIRONMENT AND SOCIETY**

This course familiarizes students with an array of environmental issues concerning human interaction

with the natural world. Environmental problems are present at all scales ranging from local to global — and in our everyday lives. The course will examine, via lecture and discussion/lab sessions, varied examples of environmental issues — their causes, dimensions, and distributions. The course will explore proven or possible solutions, and “trade-offs” associated with these solutions. Topics include basic ecological principles, the value of biodiversity, human population issues, food production, air and water pollution, and energy resources and use. Offered each semester. Students may not take both SSCI 301 and ENVS 300 for credit.

### **SSCI 333 [4 CR]**

#### **ISSUES IN AFRICAN DEVELOPMENT**

SSCI 333 will focus on major current issues in Africa’s economic development. The course will highlight and explore the perspectives of what Cramer, et al (2020) call possibilism, a balance between pessimism and naïve optimistic perspectives. This approach professes a bias for hope rooted in a pragmatic appreciation of the state of African development trajectory. In this course, students will interrogate the effects of western interventional mechanisms in countries in the African continent— from colonialism to modern day foreign policies, aid, the role of “African experts”, democratization, and more. Finally, we shall highlight the often neglected African and Africanist voices in African economic development scholarship. Fall semester.

### **SSCI 389 [2 OR 4 CR]**

#### **SPECIAL TOPICS**

An interdisciplinary course which deals with topics involving two or more social sciences. May be team-taught by faculty from the academic areas from which the topic has emerged. Enrollment will normally be limited to upper-division students. This course may be repeated since the topics will vary.

### **SSCI 408 [4 CR, ADV CORE: DD]**

#### **SOCIAL INEQUALITIES: RACE AND MINORITY RELATIONS**

The exploration of social inequality will move beyond the place of individuals in society and try to understand how social inequality is a feature of society. Students will see themselves in some of what they are studying and they will find much of the subject matter familiar. At the same time, the course is intended to encourage students to think in different ways about some of what is “known” and taken for granted in large sections of society. Students will read materials that may present perspectives far different from what they have heard before. It is

expected that students will be surprised, perplexed, challenged and perhaps angered by some of the material. Moreover, because the course examines issues that affect us daily, this course will elicit more than intellectual growth. Since each person is a part of the world and occupies positions in systems of social inequality, students will find themselves dealing with emotional and spiritual questions about who they are and where they fit into the world.

## **SOCIOLOGY [SOCI]**

### **SOCI 100 [4 CR, CORE: IS]**

#### **INTRODUCTION TO SOCIOLOGY**

This course examines the basic nature of human relationships, customs, institutions, social structure and culture. It emphasizes how they affect our beliefs and behavior and how they express our fundamental concerns and values. The course teaches the basic concepts, methods and perspectives of sociology as a social science and it uses them to consider such topics as family life, groups and organizations, racial/ethnic, gender and class inequality, religious and political movements, and social problems.

### **SOCI 112 [4 CR, CORE: IS]**

#### **GIRLS, GIRLS, GIRLS: SOCIOLOGY OF GIRLS AND GIRLHOOD**

What does it mean to be a girl? Who counts as a girl? What are girls supposed to be like? When does girlhood end? This course explores the cultural, structural, and individual forces shaping girls and girlhood. We will examine girlhood as a developmental period, a source of identity, and a social performance. We will discuss the stereotypes and realities related to girl’s identities (e.g., mean girls, girly girls, tomboys, good girls, bad girls, cool girls, ugly ducklings, nerdy girls, at risk girls, strong girls, rebel girls, boy-crazy girls, California girls, Indigo Girls, Spice Girls). Where do these stereotypes come from? How do they impact girls’ lives? How do girls embody, resist, or transform these identities? Throughout our discussions, we will pay attention to how race, class, and sexuality affect the experience of girlhood. Fall semester.

### **SOCI 122 [4 CR]**

#### **CRIMINOLOGY**

Criminology is the scientific study of crime and criminal behavior. This class will survey classic and contemporary theoretical and empirical scholarship dedicated to understanding the nature and extent of criminal actions, the social organization of efforts to control criminal behavior, and the effectiveness of such efforts.

**SOCI 201 [4 CR]**  
**SOCIOLOGY OF THE FAMILY**

This course provides an overview of the family from a sociological perspective. We will work together to challenge and expand our own personal understandings of family. We will explore different stages of family life, including family formation (such as marriage and cohabitation), transition to parenthood, childhood, intergenerational relationships, divorce and remarriage, and inequality within families. As we proceed, we will interrogate diversity in family forms, considering how race, class, gender, and sexuality shape our experiences of family.

**SOCI 211 [4 CR]**  
**BAD MARRIAGE AND GOOD DIVORCE?**

In this class, we will examine patterns of marriage, divorce, cohabitation, and other experiences of family formation/dissolution in the U.S. We will look at historical trends as well as contemporary data as we investigate how these experiences vary by race, social class, and sexuality. Then, we will consider questions such as: how are marriage and divorce gendered, and with what consequences? How do emerging forms of romantic relationships – such as polyamory or living apart together – both reflect and challenge contemporary notions of love, intimacy, and partnership?

**SOCI 228 [4 CR]**  
**CORRECTIONS IN AMERICAN SOCIETY**

This course focuses on society's organized response to individuals accused or convicted of criminal offenses. Students in the course will study the philosophy, theory, and practice of corrections systems and strategies for adults and juveniles; empirical research on the effectiveness of various corrections strategies; and contemporary challenges and debates about corrections practices in the U.S.

**SOCI 233 [4 CR]**  
**SOCIOLOGY OF EDUCATION**

Do schools matter? This course will seriously examine this question by investigating the complex ways in which schools and society interact. To do this, we will examine the historical development of schools in America, but our primary focus will be a close investigation of the ways in which schools are embedded in racial, economic, social, and geographic contexts. We will also turn our attention to how teachers, parents, and students interact within the classroom. In the end, our primary goal is to understand when and how schools contribute to inequality and stratification, and how public policy

and culture influences when and how schools matter.

**SOCI 236 [4 CR, CORE: IS]**  
**INTRODUCTION TO PUBLIC HEALTH**

This course provides an introduction to and overview of the field of public health. In addition to investigating how the field of public health has evolved over time, topics will cover the design and evaluation of public health programs; analytical methods; key components of morbidity and mortality; contemporary challenges in the field; environmental health factors; the role of biological and social determinants in public health outcomes; how ideas about health reflect broader cultural attitudes and values. The course will serve as a broad foundation for students interested in pursuing a career in public health. Spring semester.

**SOCI 237 [4 CR]**  
**CHILDREN AND CHILDHOOD IN AMERICAN SOCIETY**

This course explores two interrelated topics: the social construction of childhood and the everyday lives of children. Taking a new sociology of childhood approach, the course pays attention to culture, structure, and agency in understanding children's lives and the diversity of experiences among children living in the United States. Students in this course will study: continuity and change in ideas about children and childhood over the course of U.S. history; classic and current sociological theory about childhood and children; research methods for studying children; and empirical studies of children's lives, past and present.

**SOCI 238 [4 CR]**  
**HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT**

This course examines theories and knowledge of human biological, sociological, cultural, psychological, and spiritual development across the lifespan. Individual, family, group, organizational, and community social systems are explored to assess the ways these social systems promote or deter people in maintaining or achieving health and well-being.

**SOCI 239 [4 CR]**  
**SOCIAL WELFARE POLICY AND SERVICES**

The history and current state of social welfare policy and services is the major focus of this course. Various frameworks and methods used by policy scholars to analyze social welfare policy will be introduced and applied. Past and present examples of social welfare policy at federal, state, county, city and agency levels will be studied in terms of the historical and contemporary factors that shaped them; the

political and organizational process that influenced them; their impact on social welfare services, practices and practitioners; and the extent to which they help or hinder the general health and well-being of people. This course will also study the history, mission and philosophy of the social work profession.

**SOCI 240 [4 CR]**

**SOCIAL WORK PRACTICE: INDIVIDUALS AND FAMILIES**

This course presents the generalist model of social work practice, which uses the strengths perspective and empowerment approach. Students will understand the knowledge and values and demonstrate the skills necessary for bachelor's level social work competencies. Individual practice assessment is focused on the examination of client's strengths and problems in the interaction among individuals and between people and their environments. Students will also learn to develop a contract and how to plan and carry out intervention and evaluation techniques. The course is also designed to provide instruction and practice in interaction skills necessary for interviewing social work clients and ethical dilemmas that may arise in social work practice. Working with clients in a culturally sensitive way is emphasized. Information is provided in the development of professional relationships that are characterized by mutuality, collaboration, and respect for the client system.

**SOCI 241 [4 CR]**

**SOCIAL WORK PRACTICE: ORGANIZATIONS, COMMUNITIES, AND INSTITUTIONS**

This course focuses on generalist social work practice with groups, organizations and communities and developing cultural competence in social work practice. Students will learn about organizational culture, agency policy, developing and managing agency resources and implementing agency change. The course will also cover approaches to community change, evaluating macro practice, advocacy and social action. Content will emphasize professional relationships that are characterized by mutuality, collaboration, respect for the client system and incorporate use of social work supervision within macro practice. The course will also cover the knowledge, values and skills to enhance human well-being and amelioration of the environmental conditions that affect people adversely. Emphasis is placed on practice skills by working with clients of differing social, racial, religious, spiritual and class backgrounds and with systems of all sizes, including an understanding of differential assessments and intervention skills to serve diverse at-risk

populations.

**SOCI 242 [4 CR]**

**SOCIAL WORK PRACTICE: GROUPS AND FAMILIES**

This course presents the generalist practice approach in social work focusing on groups and families. An introduction to family systems theory, family social work, group dynamics, and group work practice will be explored, along with techniques in assessment, intervention, and evaluation in the family and group context. Information will include the development of professional relationships that are characterized by mutuality, collaboration and respect for the client system. Content on social work values and ethics and cultural competence will be discussed.

**SOCI 243 [4 CR]**

**SOCIAL WORK PRACTICE: INDIVIDUALS**

This course presents the generalist practice approach in social work focusing on individual practice methods. Students will learn the evidenced-based approach, generalist intervention model, and develop skills to engage with, assess, intervene with, and evaluate individuals, with particular emphasis on client strengths and problems in the interaction among individuals and between people and their environments. Content will include social work values and ethics, including the application of the standards of the National Association of Social Workers code of ethics, and cultural competence in social work practice.

**SOCI 250 [4 CR]**

**IMMIGRATION AND MIGRATION IN THE UNITED STATES**

In this course we will use the insights of sociology to understand migration and, more specifically, immigration. Recognizing that migration is a global phenomenon, students will focus mainly on migration and immigration in the context of the United States, while also attending to how patterns observed in the U.S. context are part of wider, global patterns with local manifestations. They will study key population movements to and within the U.S., past and present. They will explore the multiple factors that influence the migration/immigration experience for migrants and their families and that shape the short and long-term outcomes of the experience. The impact of migration on sending and receiving communities, and the history and current state of immigration policy will also be addressed.

**SOCI 289**

**SPECIAL TOPICS**

A seminar course primarily designed for freshmen, sophomores and juniors on a special topic in

sociology. It may be proposed by either students or an interested faculty member. Prerequisite: instructor consent.

**SOCI 300 [4 CR]**

**SOCIAL RESEARCH METHODS**

In this class, students learn how social scientists conduct research to test their assumptions and develop scientific accounts of patterns of human action, attitudes, and social life. This course provides a general overview of scientific methods of analysis —both quantitative and qualitative — and gives students opportunities to try them out. They will develop and implement a research project and learn how to be conscientious consumers of research. The core concepts of sociological research are powerful tools even for those who never do social science professionally. The skills learned in this class — asking good questions, finding relevant data sources and literature, understanding ethical issues associated with research — will last long after the semester ends. Prerequisite: SSCI 224.

**SOCI 303 [4 CR]**

**JUVENILE DELINQUENCY**

The focus of this course is juvenile delinquency and the juvenile justice system. In this class we will (1) explore the history of juvenile delinquency and the juvenile justice system in the United States; (2) read and discuss current scholarship on how youth become involved in deviant/delinquent behavior; (3) identify and evaluate policy and practice efforts at preventing and addressing juvenile delinquency; and (4) engage with debates about the current state of the juvenile justice system. Spring semester.

**SOCI 320 [4 CR, ADV CORE: DD]**

**CULTURE AND CONSUMPTION**

This course uses a sociological perspective to explore cultural production and consumption in the United States. It examines the relationship between culture and society with a focus on how cultural consumption is linked to status, boundaries, inclusion, exclusion, and inequality. In what ways are cultural norms, values and objects associated with status, class, race, gender, sexuality, and/or other intersecting identities? How is American culture impacted by global changes? Course readings and assignments will encourage students to question their cultural environments. We will treat culture as a serious and measurable topic of academic inquiry, not something merely associated with entertainment and leisure or an abstract concept that cannot be scientifically analyzed. Summer sessions.

**SOCI 344 [4 CR]**

**SOCIAL MOVEMENTS**

This course investigates the people who have mobilized to change the shape of their society, often at great personal risk. We will consider what has motivated these activists and what has sustained them through hard times and difficult odds. We will look at their successes as well as their mistakes made along the way. We will examine how the contours of society today are different as a result of their activism. The course traces the development of major movements of the 20th and 21st centuries, including labor, civil rights/Black Power, student, feminist, gay/queer activism, and environmental/human rights struggles by indigenous peoples. We will look at what set these movements into motion, structured their form, and affected what they have achieved. We will investigate the role of resources, strategy, culture and biography in protest.

**SOCI/WMGS 346 [4 CR, ADV CORE: DD]**

**INTERSECTIONS OF PRIVILEGE**

This course engages in an interdisciplinary and multi-media examination of social inequality, focusing on the complex and intersecting ways that social groups gain advantage over and marginalize others. Students will examine topics including race (whiteness), sexuality (heterosexuality), gender (masculinity), class (economic and cultural capital), and nationality (global privilege associated with first-world status). This course will integrate perspectives on how privilege is reinforced in day-to-day interactions as well as in larger social structures.

**SOCI 348 [4 CR]**

**SOCIALIZATION AND THE LIFE COURSE**

This course will draw on the psychological, sociological, and biological theories and evidence to develop a clear understanding of how social institutions and elements of the social environment — especially race, ethnicity, gender, and social relationships — influence development and social inclusion and exclusion. This course will pay special attention to the nature/nurture debate, families and schools as agents of socialization, and death as a life course stage.

**SOCI 352 [4 CR, ADV CORE: WT]**

**FOUNDATIONS OF SOCIAL THEORY**

This course traces the development of social theory from the Enlightenment to the 21st century. Topics examined include: the nature of science and other forms of knowledge; the relationship between self and society; how social order is maintained; how power is exercised; how meanings emerge; and how

change occurs. Running through the course is the question of what social theory offers to us individually and collectively in understanding and acting in a world that is complex and multi-layered.

**SOCI/WMGS 361 [4 CR]**

**GENDER, SEXUALITY AND SOCIETY**

While gender and sexuality often appear natural, this course investigates their social roots. Throughout the semester students will explore the diverse ways in which gender and sexuality have been conceptualized, embodied, shaped, policed, and transformed. Additionally, we will examine the relationship between gender, sexuality, inequality, and major social institutions including education, media, work, and family. Finally, we explore the intersections of gender, sexuality, race, and class as they relate to a variety of contemporary issues and controversies, including “hooking up,” marriage laws, gender reassignment surgery, and sex education.

**SOCI 380 [4 CR]**

**SOCIOLOGY OF THE GANG**

In 1928, sociologist Frederick Thrasher published *The Gang*, a study of 1,313 gangs in Chicago. Today, more than 80 years later, gangs are still part of the American scene and sociologists are still trying to understand the young people who form and join them and the “elemental social processes” that are part of gang phenomena. In this course, we will survey the general theories and findings of sociologists and criminologists who have studied gangs in the U.S., read monographs and articles reporting findings from contemporary studies of gangs and gang behavior, and learn about various approaches to gang prevention and intervention. Prerequisite: SOCI 100 or SOCI 122. Alternate years.

**SOCI 403 [4 CR]**

**MASS INCARCERATION IN THE UNITED STATES**

The United States imprisons more people per capita than any other nation. What are the causes and consequences of incarceration on such a large scale? Renowned scholar and activist Angela Y. Davis argues that a prison industrial complex has emerged to surveil, police, brutalize, and imprison people deemed “criminals.” In this course, we will interrogate mass incarceration in the United States from a sociological perspective, paying special attention to complex and intersecting inequalities. Prerequisite: SOCI 100 or 122. Spring, odd-numbered years.

**SOCI 444 [4 CR]**

**HEALTH, ILLNESS AND SOCIETY**

Health, just like wealth, is stratified across society. In country, state, city or neighborhood some people or groups are healthy while others are disproportionately sick. In an effort to answer “why,” this course focuses on the socio-behavioral determinants and population distribution of health disparities of the United States. In this class students will examine articles, narratives, charts and graphs, to not only understand disparities in mental and physical health, but to critique them, forming opinions along the way. This course intends to provide answers to three central questions: How do health disparities emerge and propagate? How do social institutions and elements of the social environment – especially race/ethnicity, class, gender, and social relationships – influence health? How does health influence education, income and occupational status? Fall semester, alternate years.

**SOCI 481/SOCI 482**

**HUMAN SERVICE INTERNSHIP**

The seminar format of Human Service Internship is organized around the student working in the human service field and the supervision received in the field. The combination of the internship, field supervision and reflection in seminar is focused on developing student application of knowledge of major social competencies and values necessary for generalist social work practice. An internship should offer the student an opportunity to practice these skills: evaluation and assessment of group and individual psychosocial functioning, plan/policy development and implementation, intervention, referral, advocacy, collaboration, cultural competence and application of professional ethics. Students are expected to locate the internship, with the assistance and approval of the instructor, before the beginning of the semester and should be on site within the first two weeks of school. Internships should meet the state of Wisconsin regulation and licensing requirements which can be obtained from the instructor. Often placements will require the student have their own transportation with a clear driving record (in order to transport clients or drive to see clients in their homes), pass drug and background tests, and have some flexibility in their schedule. Students are expected to work 10 to 12 hours per week for the academic year, with a break between semesters. Prerequisite: instructor consent. Year long course.

**SOCI 489**

**SPECIAL TOPICS**

This is a seminar course offered whenever a mutual

interest in a more-specialized topic in Sociology exists for a member of the faculty and a sufficient number of students. Prerequisite: instructor consent.

**SOCI 490**  
**INDEPENDENT STUDY**

Individual study of an approved topic in Sociology under the direction of a Sociology faculty member. Permits faculty and students to explore together some subject of special or personal interest. Reading and tutorial discussion are required, written work is optional. Prerequisites: instructor consent and approval of the associate dean of social sciences.

**SOCI 492**  
**DIRECTED RESEARCH**

Qualified students may perform sociology research projects under the direction of a Sociology faculty member. Prerequisites: instructor consent and approval of associate dean of Social Sciences.

**SPANISH [SPAN]**

**SPAN 101** [4 CR]  
**ELEMENTARY SPANISH 1**

An introduction to the Spanish language and the diverse cultures of the Spanish-speaking world. Emphasis on the four language skills: listening, speaking, reading and writing.

**SPAN 102** [4 CR, CORE: SL]  
**ELEMENTARY SPANISH 2**

Continuation of SPAN 101. Prerequisite: SPAN 101 or formal placement.

**SPAN 203** [4 CR, CORE: SL]  
**INTERMEDIATE SPANISH 1**

Study of intermediate language through grammar, vocabulary, conversation, cultural and literary readings, and written composition. Prerequisite: SPAN 102 or formal placement.

**SPAN 204** [4 CR, CORE: SL]  
**INTERMEDIATE SPANISH 2**

A continuation of SPAN 203 with emphasis on continued development in oral and written expression. Prerequisite: SPAN 203 or formal placement.

**ADVANCED COURSES IN CIVILIZATION,  
LANGUAGE AND LITERATURE**

All SPAN 300- and 400-level courses emphasize correct and fluent oral expression through conversation as well as presentation and discussion of

assigned topics. In addition, literature courses require written literary analysis of the assigned readings.

**SPAN 300** [4 CR]  
**MAKING CONNECTIONS: CONVERSATION,  
COMPOSITION AND CULTURE**

This course builds on the language skills and cultural knowledge acquired at the elementary and intermediate levels and guides students toward a higher level of creative expression, reading comprehension, textual analysis, and grammatical and cultural understanding. Through such relevant themes as love and relationships, society and the individual, drugs and violence, and media and politics, students will explore the dynamic intersections of language, society and artistic expression. Prerequisite: SPAN 204 or formal placement.

**SPAN 301** [4 CR, ADV CORE: EI]  
**INTRODUCTION TO HISPANIC FILM AND MEDIA**

An exploration of Hispanic identities through contemporary films from the Spanish-speaking world. Throughout the semester, students will develop the skills needed to analyze and interpret movies and familiarize themselves with genres, styles, and cinematographic terms in Spanish. This course will tackle the cultural diversity and complexity of Chile, Colombia, Cuba, Mexico, Peru, Spain, Venezuela, and other Spanish-speaking regions by discussing cinematic and media portrayals of race, violence, gender, migration, economic struggle, authoritarianism, and discourses of memory. Prerequisite: SPAN 300. Fall semester.

**SPAN 302** [4 CR, ADV CORE: EI]  
**INTRODUCTION TO HISPANIC LITERARY TEXTS AND  
MEDIA**

An introduction to Hispanic literature and media, this course covers representative works and themes that will enrich students' understanding of Hispanic cultures and societies. It also aims to familiarize students with the literary and scholarly conventions that will enhance their ability to critically engage with and respond to literature and other forms of media. Through close readings, literary and cultural analysis, and in-class discussions, students will explore social issues and the diversity of the human experience, which will allow them to gain a better understanding of the world and one's place in it. Prerequisite: SPAN 300. Spring semester.

**SPAN 365** [4 CR, ADV CORE: BB]  
**LATIN AMERICAN CIVILIZATION: SOUTH AMERICA  
AND THE CARIBBEAN**

This course introduces the student to the culture and

history of Latin America, with an emphasis on South America and the Caribbean. Topics include the pre-Columbian period, the Spanish conquest, the colonial era, independence, the consequences of the Mexican Revolution, the Cuban Revolution, the dirty wars and dictatorships, and the emergence of democratic societies. Students will reflect on the interconnectedness of Latin American history and culture and its relationship to their own. Historical readings are supplemented by literary works, music, visual arts, architecture and film. Prerequisite: SPAN 300. Spring semester, alternate years.

**SPAN 370** [4 CR, ADV CORE: BB]

**LATIN AMERICAN CIVILIZATION: MEXICO AND CENTRAL AMERICA**

This course introduces the student to the culture and history of Latin America, with an emphasis on Mexico and Central America. Topics include the pre-Columbian period, the Spanish conquest, the colonial era, independence, the Mexican Revolution, the dirty wars and dictatorships, and the emergence of democratic societies. Students will reflect on the interconnectedness of Latin American history and culture and its relationship to their own. Historical readings are supplemented by literary works, music, visual arts, architecture and film. Prerequisite: SPAN 300. Spring semester, alternate years.

**SPAN 375** [4 CR, ADV CORE: BB]

**SPANISH CIVILIZATION**

This course introduces students to the culture and history of Spain. Topics include the Muslim conquest in the 8th century; the Christians' centuries-long effort to "reconquer" the peninsula; the cultural struggle between "enlightened" progressives and Spanish traditionalists which began in the 18th century and eventually culminated in civil war; the repressive Franco dictatorship of the 20th century; and the successful transition to democracy. Historical readings are supplemented by an examination of literary works, paintings and film. Prerequisite: SPAN 300. Fall semester.

**SPAN 389** [2 OR 4 CR]

**SPECIAL TOPICS**

This course explores topics of special interest. Topics may include Hispanic cinema, Hispanics in the U.S., Latin American detective fiction, the Spanish Golden Age, medieval and early modern women writers of Spain, contemporary Hispanic theatre, recent Latin American narrative or poetry, or Hispanic linguistics. The course may be taken more than once for credit if the topic is different. Prerequisite: SPAN 300.

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### **THEATRE STUDIES [THEA]**

**THEA 101** [4 CR, CORE: EI]

**INTRODUCTION TO LIVE PERFORMANCE**

This course introduces students to first identify, describe and analyze various ways in which they encounter live performance in their daily lives (sporting events, church attendance, school assignments, party games, rock concerts, etc.) in order to begin to understand and develop standards of criticism. Additionally, basic theatrical forms will be introduced as a way of describing and expanding students' awareness of how live performance influences recorded media.

**THEA 102** [4 CR, CORE: EI]

**VISUAL STORYTELLING**

This course is an introduction to both the process of creating symbolism as well as critically analyzing how signs and symbols are used in our culture. Students will learn to evaluate, on both a visual and intellectual level, how we use imagery to create ideas and convey messages through the use of visual media.

**THEA 105** [4 CR, CORE: EI]

**INTRODUCTION TO CREATIVITY**

This course is an introduction to the creative process. We will endeavor to discover how creativity works through experimental projects geared toward exploring the process of making. This course will cover various topics, such as communication and creativity, collaboration, creativity and time, the art of self-critique, flexibility and the creative process, and the joy of failure. It is geared towards all disciplines but will use an artistic/theatrical based approach to these concepts.

**THEA 200** [4 CR, CORE: EI]

**AMERICAN MUSICAL THEATRE HISTORY**

This class is designed to examine the birth of musical theatre, as well as follow how musicals evolved from a form of mere entertainment to a vehicle to explore social issues.

**THEA 201** [4 CR]

**DESIGN FOR PERFORMANCE**

This course is a practical studio course that, utilizing a broad definition of performance, covers the fundamentals of three-dimensional design in space and time. Covers research, concepting and presentation of design solutions. Will deal with scenic design, clothing, light and sound as elements

of performance. Prerequisites: THEA 101 and THEA 102.

**THEA 232 [4 CR]**

**BASIC ACTING**

This course will deal with the fundamentals of acting. Techniques for developing self-awareness, imagination, observation, concentration and sensory recall will comprise the basic approach. Employment of voice and body in developing characterization will also be studied.

**THEA 237 [4 CR, CORE: EI]**

**HISTORY OF CLOTHING AND FASHION**

This class is a survey of the history of clothing and its relationship to culture and society. It will familiarize the student with the period styles from pre-historical to modern times and how these styles are a reflection of individual communication and cultural expression.

**THEA 250 [2 CR]**

**PERFORMANCE AND PRODUCTION LABS**

One purpose of the P/P labs is to employ the unique opportunity of working on productions to advance the synthesis of theory and practice. The P/P labs also give students the opportunity to experience the creation of theatre holistically and in a critically self-reflective manner. The process of producing theatre can too often induce students to jump into production without the ability to discuss the process or learn from others. Students are mentored during this process, requiring a formalized class structure in order to frame their experience as a learning tool. All student members of any theatre production will be required to enroll in a P/P lab as a class. Students learn the roles of stage and house manager, props master, master electrician, scenic artist, costume manager, and acting roles. All production running crews.

**THEA 301 [4 CR]**

**TECHNICAL THEATRE**

This course is an introduction to the practical skills that go into the creation of theatre with a focus on the behind-the-scenes aspects of production. It will cover information on costume and scenery construction, implementation of lighting and sound designs, properties collection and creation, scene painting and finishing, and the application of makeup for the stage. This course is both theoretical and practical and will require participation in the theatre program's production laboratory.

**THEA 333 [4 CR]**

**DIRECTING**

A course in the fundamentals of script analysis, blocking and interpretation. An investigation of the

director's role as artist and coordinator augmented by practical directing lab assignments. Prerequisites: THEA 101 and THEA 102.

**THEA 335 [4 CR]**

**ADVANCED ACTING**

A continuation, in depth, of the elements covered in THEA 232 with special emphasis on role study and interpretation. Prerequisite: THEA 232.

**THEA 337 [4 CR, ADV CORE: WT]**

**CONTEMPORARY THEATRE**

This course is a study of dramatic literature and theater practice in 20th- and 21st-century western civilization. The course explores aesthetic movements, significant personalities and artistic styles along with their interaction with the political, social, economic and philosophical realities of their specific cultures.

**THEA 387 [4 CR, ADV CORE: WT]**

**HISTORY OF ARCHITECTURE AND DÉCOR**

This class is a survey of the history of architecture/decor and its relationship to culture and society. It will familiarize the student with the period styles from pre-historical to modern times and how these styles are a reflection of individual and societal communication and cultural expression. Summer sessions.

**THEA 389**

**SPECIAL TOPICS**

This course concentrates on a topic pertaining to the current needs and interests of faculty and students. The topics covered will vary from semester to semester and will be announced in the course listings whenever the course is offered.

**THEA 450 [4 CR]**

**SENIOR CAPSTONE**

One purpose of the P/P labs is to employ the unique opportunity of working on productions to advance the synthesis of theory and practice. The P/P labs also give students the opportunity to experience the creation of theatre holistically and in a critically self-reflective manner. The process of producing theatre can too often induce students to jump into production without the ability to discuss the process or learn from others. Students are mentored during this process, requiring a formalized class structure in order to frame their experience as a learning tool. All student members of any theatre production will be required to enroll in a P/P lab as a class. Students learn costume / scenic / light / sound design, major roles and directing. This segment is comparable to a senior capstone. The goal is for the student to create

their own work of theatre as a culmination of their education at SNC.

**THEA 490  
INDEPENDENT STUDY**

This course allows staff and students to explore together topics of special interest.

**THEA 494 [4 CR]  
INTERNSHIP**

This internship experience allows students to apply their studies in a supervised work situation. Students benefit from an inside look at different kinds of organizations, a chance to work in their field of study, and gain experience using state-of-the-art equipment and practices. Prerequisite: junior or senior standing.

## **THEOLOGICAL STUDIES [THEO]**

**For descriptions of THRS courses, see Theology and Religious Studies section**

**THEO 500 [0 CR]  
MASTER'S PORTFOLIO**

The MTS Portfolio is a collection of work that documents the student's learning and development in each of the areas that the MTS program aims to help our students achieve. The Portfolio showcases selections of work that demonstrate competency in and facility with program goals. The Portfolio will be housed digitally in a Google Drive folder shared with faculty. For each assignment, students draft a brief statement explaining why the assignment was chosen for inclusion. The MTS Portfolio is ongoing work.

**THEO 501 [3 CR]  
SYSTEMATIC THEOLOGY AND THEOLOGICAL METHOD**

This course examines the foundations of theology and theological method. It explores the role of scripture, doctrine, ecclesial practice, philosophy and the sciences in theological reflection. It examines the distinctive and diverse methods that are employed in contemporary Christian thought with special emphasis on practical theology. The central themes of faith, revelation, God, creation and eschatology are addressed.

**THEO 502 [3 CR]  
HISTORICAL DEVELOPMENT OF CHRISTIAN TRADITION**

This course studies the development of Christian theological tradition in its unity and diversity, through the contributions of major theological

figures, critical movements within the Christian community and the social context in which theology is formed. It explores a variety of approaches to theological inquiry from classical tradition to modern revisions in interpretation, diversity and the research skills necessary for studying theology today.

**THEO 503 [3 CR]  
SCRIPTURE AND BIBLICAL INTERPRETATION**

This is an introduction to contemporary exegetical methods of interpretation through a study of particular biblical texts. The course will also investigate related biblical topics such as inspiration, canonicity and the place of scripture in the Christian community.

**THEO 504 [3 CR]  
CHRISTIAN ETHICS**

Christian ethics will examine the basis of a Christian response to moral questions. The study will include the development of a method consistent with the role of a disciple of Jesus and attempt to apply the method to specific issues such as nuclear war, bioethical issues and economic social justice.

**THEO 505 [3 CR]  
CHRISTOLOGY**

The central question of all Christian theology is Jesus' challenge, "Who do you say that I am?" The Christian community in every age has explored the question and attempted to answer it in light of scripture and human experience. The course will study both past answers and contemporary positions.

**THEO 506 [3 CR]  
THE NATURE AND MISSION OF THE CHURCH**

This course is a historical theological study of the origins, nature and mission of the Church: basic images and themes in scripture and tradition; the relation of the kingdom to the Church; the relation of the Church to the world.

**THEO 509 [0 CR, \$100 FEE]  
GENERAL COMPREHENSIVE EXAM**

The general exam is a take-home exam based on readings covered in the core area courses. Questions are based on those readings and will examine the student's knowledge of the core areas and also test their ability to integrate the different areas. The student will be required to address four of the six test questions. Three questions will require the student to synthesize material between various core courses; the fourth question will require the integration of specific core material with the student's area of concentration. Students are allowed a maximum of six weeks to complete and return the exam. Review of notes and

material from the courses is useful in preparing for the exam. Students must submit the registration form and fee as well as contact the program coordinator to request the exam. Prerequisites: all core courses (THEO 501 to 506) and a minimum of three of the five elective courses.

**THEO 510 [2 CR]**  
**INTEGRATIVE COLLOQUIUM**

The colloquium engages students in a learning experience that fosters an integration between theology and the practice of Church ministry (i.e., religious education, liturgy, pastoral ministry, parish administration or youth ministry). The case study method is used to examine contemporary Church issues and to develop appropriate responses in a process which promotes critical theological reflection, collaborative models of work and intellectual and personal self-criticism. Prerequisites: all core and elective courses and THEO 509.

**THEO 512 [1 CR]**  
**MASTER'S THESIS PROJECT 1**

The students develop and, under the supervision of the thesis director, writes the master's thesis. The director of the Master of Theological Studies program must approve directors of the master's thesis. Enrollment and registration of this course is typically available in the fall semester (De Pere) and spring semester (New Mexico) of each academic year. Graded on a S/U basis.

**THEO 513 [1 CR]**  
**MASTER'S THESIS PROJECT 2**

Continuation of work that began in THEO 512, culminating in a discussion of the thesis and submission of the finalized, approved work. Prior to final approval, a discussion of the work occurs between the student and a panel of three people (i.e., thesis project director and two readers) at which time the thesis project is either approved, disapproved or conditionally approved with recommendations for improvement. Enrollment and registration in this course is typically available in the spring semester (De Pere) and the summer semester (New Mexico) of each academic year. Graded on a S/U basis.

**THEO 520 [2 CR]**  
**HISTORY AND MODELS OF CATECHESIS**

This course will explore the foundations of catechesis through the major movements, principles and people who influenced today's approaches to catechesis. Students will investigate historical forms of catechesis and the ways they impact how we teach and evangelize today. The object of this course is to discover the reasons "we do what we do" and to

recognize the foundational principles for judging the effectiveness of catechetical movements today. The course will examine methods and models of catechesis, addressing the practical issue of how to teach religion and theology, including the Sacraments.

**THEO 522 [2 CR]**  
**FAITH DEVELOPMENT**

This course offers perspectives on the contributions of theology and developmental psychology to an understanding of faith development through the lens of modern developmental psychology. Students will discuss ways to encourage the development of a spiritual life across the life cycle.

**THEO 531 [3 CR]**  
**SPIRITUAL SKILLS 1**

Spiritual Skills I introduces the student to the realm of Spiritual Care ministry in a health care setting and all that it encompasses. Students will become acquainted with the role of professional chaplaincy, the ethical standards and competencies by which chaplains are called to abide. The art of active listening skills, boundary setting, initiating and concluding pastoral encounters will be emphasized throughout the course. Students will encounter opportunities to minister to people of various faith and no faith backgrounds and understand the importance of ministering to the spiritual needs, and when appropriate, the religious needs of patients, families and staff including partnering with patient's clergy as requested by patients. Students will be exposed to ministering to patients/families in the beginning of life, during health challenges and at crisis and end of life experiences. Didactic attendance dates are non-negotiable and students must be present. Under rare and emergency circumstances, clinical date changes may be considered following pre-approved conversation with the instructor and must be completed before the next scheduled didactic class session.

**THEO 532 [3 CR]**  
**SPIRITUAL SKILLS 2**

Spiritual Skills II will build on the foundations laid from the Pastoral Skills I pre-requisite class and develop a deeper understanding of the role Spiritual Care plays in a person's health and well-being. Students will take a deeper dive into ethical issues Spiritual Ministers encounter as they accompany patients facing issues at the beginning of life, issues at the end of life and the importance of understanding the professional/patient relationship. The Spiritual Skills II class is built upon the competencies of professional chaplain organizations. Didactic

attendance dates are non-negotiable and students must be present. Under rare and emergent circumstances, clinical date changes may be considered following pre-approved conversation with Instructor and must be completed before the next scheduled didactic class session. Prerequisite: THEO 531.

**THEO 540 [2 CR]**  
**PRINCIPLES OF LITURGY**

This course considers the principles of Christian liturgy as the primary expression of the Church's life and spirituality. It will provide a basic overview of the history of Christian liturgy and an exploration of the concepts of ritual action, time, space and the relationship of liturgy and mission. The course will address the current pastoral need for a broader development and understanding of music, environment and art, language and enculturation.

**THEO 541 [2 CR]**  
**SACRAMENTAL THEOLOGY**

This course is an examination of sacramental theology. This examination includes a brief survey of the development of sacramental practices and theologies in Christian history. Particular attention is given to contemporary Christian theological understandings of sacramentality and sacraments and of their inherent anthropological, ecclesial and liturgical dimensions. The intimate connection between sacramental celebration and the transformation of the individual, the Christian community and the world is also explored.

**THEO 560 [2 CR]**  
**MODELS OF MINISTRY AND LEADERSHIP IN THE CHURCH**

This course will investigate the theoretical basis for the practice of ministry in the contemporary church. It will examine the collaborative role of leadership and authority within that focus of ministry and servant leadership. After exploring the theological understanding and history of ministry in the community, students will come to an appreciation of the psychological and sociological influence and impact on ministry.

**THEO 576 [VARIABLE CREDITS]**  
**THEOLOGY AND PRACTICE OF PASTORAL CARE**

This course examines major theological models related to pastoral care. It investigates the implications of these different approaches for ministry and for the psychology of pastoral counseling. Self-understanding, biblical and theological teachings, basic psychological theory and helping skills, and working with different populations

are the main topics of the course.

**THEO 578 [2 CR]**  
**THEOLOGIES OF ECUMENICAL AND INTERRELIGIOUS DIALOGUE**

The task of ministry today has been impacted greatly by the reality of cultural and religious diversity. Promoting mutual understanding and empathy between different Christian traditions as well as between Christian and non-Christian faiths has become of paramount importance. This course examines the historical and theological contexts of recent developments in ecumenism and interreligious dialogue. Special attention is paid to the pastoral and socio-political implications of such developments.

**THEO 579 [2 CR]**  
**ENCULTURATION AND EVANGELIZATION**

This course explores the dynamic relationships between Christianity and contemporary culture and societies. It focuses on the development of contextual theologies and the unique challenges and opportunities of postmodern society for shaping a distinct Christian identity. Theories and methods of evangelization and of the "New Evangelization" will be examined in light of these new cultural and global realities.

**THEO 580 [2 CR]**  
**FOUNDATIONS OF SPIRITUALITY**

This course is an historical survey of various forms of Christian spirituality and mysticism. These spiritualities are examined both in terms of their distinct place in Christian history and for their use in the development of contemporary spirituality that addresses the needs of the Church and the world.

**THEO 589**  
**SPECIAL TOPICS**

See program schedule for upcoming special topics courses.

**THEO 590**  
**INDEPENDENT STUDY**

This course provides the opportunity to investigate, through independent inquiry and critical analysis, educational theories, practices and agencies that influence the work of teachers. Prerequisites: consent of instructor and approval of M.T.S. director and the associate academic dean.

**THEO 594 [2 CR]**  
**THEOLOGICAL PRACTICUM**

This course is an action/reflection experience for the development of particular pastoral knowledge and skills. Students are placed in a ministerial setting that

is appropriate to their area of concentration.  
Prerequisite: approval of the director of the Master of Theological Studies program.

**THEO 600** [0 CR, \$100 FEE]  
**CONTINUING MASTER'S THESIS**

If a student does not complete the thesis project while enrolled in THEO 513, students are required to register for this course every semester thereafter until the project is completed.

## **THEOLOGY AND RELIGIOUS STUDIES [THRS]**

**For descriptions of THEO courses, see Theological Studies section**

**THRS 114** [4 CR]  
**THE NEW TESTAMENT IN CATHOLIC THEOLOGY AND PRACTICE**

This course invites students to engage with the New Testament as both a snapshot of the early Church's faith and as a timeless source of further theological reflection. Students will come to know the key figures, events, and concepts of the New Testament through reading of both primary and secondary sources. Finally, the course will also explore the place of the Christian Scriptures in the life of the Church and also for the individual believer.

**THRS 115** [4 CR]  
**OLD TESTAMENT & CATHOLIC THEO/PAC**

This course will explore the place of the Hebrew Scriptures in both Catholic theology and practice. Students already know that the Old Testament is part of the Christian Bible, but what exactly is its role in Catholic theology? How does it function in the life of the Church? How might it function in the spirituality of the individual believer?

This course will engage with both primary and secondary source materials in trying to answer these questions. Various Old Testament texts will be read to understand the theological perspectives/claims expressed therein. Secondary sources will assist us in reading these Scriptural books in context, and with connecting the contributions of these books to the rest of the Catholic faith.

Students will also come to understand the potential of the Old Testament for the spiritual growth of the believer through scholarly resources that describe the role of various readings in the liturgical life of the Church. Students will also experience something of the Old Testament's impact on individual spirituality through the writing of a *Lectio Divina* journal.

Students will also examine the manner in which Old Testament concepts are taken up in the New Testament.

**THRS 116** [4 CR]  
**CATHOLIC THEOLOGICAL EXPLORATIONS**

This course equips students to seek answers to fundamental questions: What are the benefits of faith, and what role might the Church play in an individual's faith journey? What does Catholic doctrine suggest about the human person? How does Catholicism work, and has it always been the way it is?

**THRS 117** [4 CR, CORE: TF]  
**THEOLOGICAL FOUNDATIONS**

This course will introduce students to the principal elements of Christian theology, particularly in the Catholic tradition, including biblical studies, historical and systematic theology, and ethics. It will address foundational theological questions, including: what does it mean to study God, and why do we do it; what sources are available for the investigation of God and how do we evaluate these sources; what images and metaphors have been and continue to be used for God; and what implications does belief in God have on ethical behavior and the building of communities?

**THRS 200** [4 CR, CORE: CI]  
**DEATH AND DYING**

From the perspective of Christian theology, death is not the ultimate end. But dying is also the final transition that a human body can make. How are we to understand the process of dying and the fact of death? How do we best care for those who are dying, for dead bodies, and for those who loved the one who is gone? And how do notions of the afterlife assuage, intensify, or complicate the grieving process? This course investigates the reality of death from a variety of perspectives: medical, social, historical, and theological. Prerequisite: THRS 117.

**THRS 201** [4 CR, CORE: CI]  
**THE BIBLE YESTERDAY AND TODAY**

The Bible plays a greater role in American culture than in any other Western society, a fact demonstrated by the current debates surrounding the teaching of evolution in public schools or the legalization of same-sex marriage. This course explores the following questions: what are the historical reasons for the Bible's present influence; what were the social, political, literary and religious beliefs of the biblical authors; how has the biblical text been interpreted by both Jews and Christians for the past 2,000 years; and how have these interpretations influenced modern beliefs about the

Bible.

**THRS 203 [4 CR, CORE: CI]**

**THE QUEST FOR GOD**

In its most basic sense, theology is talk about God. This course investigates the Christian tradition's quest to speak rightly about God by exploring the historical development of the Trinitarian doctrine as well as engaging contemporary understandings of God. It gives attention to currents of feminist, liberationist, and process models for God as well as concepts of God in a post-modern, religiously plural world. Theology and Religious Studies majors/minors should take THRS 209: Doctrine of God for major/minor requirement.

**THRS 209 [4 CR]**

**DOCTRINE OF GOD**

In its most basic sense, theology is talk about God. This course investigates the Christian tradition's "God talk" by exploring the historical development of doctrines of God as well as engaging contemporary images and concepts of God, giving attention to currents of feminist, liberationist, process, and post-modernist understandings of God.

**THRS 221 [4 CR, CORE: CI]**

**RELIGION IN AMERICA**

Examines the historical development of religious movements in America, both mainstream and peripheral groups, and analyzes the religious perceptions by which Americans have viewed themselves as a nation and culture, including a contemporary assessment.

**THRS 242 [4 CR]**

**LITURGY AND THE SACRAMENTS**

This course examines the nature of the liturgy and the sacraments as the forum in which the Church expresses and forms its identity and mission in the world. The course examines the historical evolution of the seven traditional sacraments as well as the other major rites of the Church. Finally, the course explores the implications of the reformed liturgy for Christian life and ministry in the contemporary world.

**THRS/PHIL 265 [4 CR, CORE: BB]**

**ASIAN PHILOSOPHY AND RELIGION**

A study of the major philosophical and religious traditions of South and East Asia. The course emphasizes the Hindu and Buddhist traditions. The ethical, metaphysical, and epistemological aspects of each major tradition are covered. Fall semester.

**THRS/WMGS 268 [4 CR]**

**SEXUALITY, INTIMACY AND GOD**

This course explores the meaning and significance of sexuality and sex for human fulfillment. It examines the ethics of intimate and sexual relationships in light of Christian theological and scriptural traditions as well as reason (including social and scientific sources) and contemporary human experience. Specific topics under examination include the "hookup culture" on contemporary college campuses; the social construction of gender and sexual expression; unmarried sexuality; same-sex relations; contraception; abortion; and sexual violence. Students engage various theological, philosophical, natural and social science sources, including imagery in the popular media, traditional Roman Catholic teaching, "revisionist" theological perspectives, and feminist insights regarding the body, sex, and human relationships more generally.

**THRS 280 [4 CR]**

**INTRODUCING CHRISTIAN TRADITIONS**

This course examines the history of Christianity in its theological, social and institutional dimensions, from the New Testament era to the present. This development is studied in a variety of historical and cultural contexts, presenting through representative figures and issues both continuity and diversity in Christian thought and life in the midst of society. This course prepares theology and religious studies majors/minors for more advanced courses in the theology and religious studies curriculum.

**THRS 301 [4 CR, ADV CORE: CI]**

**MAKE A JOYFUL NOISE**

The Bible contains music, has been set to music, and has inspired music. This course explores both the music within the Bible and how the text of the Bible has inspired music for over two millennia. While looking at the musical traditions of Judaism and Christianity through the centuries, the course will focus on the Bible's musical legacy in the United States in both religious and secular contexts, e.g., hymns, spirituals, jazz, blues, hip-hop, folk, pop.

**THRS 302 [4 CR, ADV CORE: BB]**

**FORGOTTEN AND FOUND SACRED TEXTS**

This course examines the fascinating stories surrounding the loss and rediscovery of significant text collections in the history of Judaism and Christianity, for example, the Cairo Genizah, the Oxyrhynchus Papyri, the Aleppo Codex, and the Dead Sea Scrolls. Each of these collections played a significant role in their respective communities and their rediscovery in the modern era reveals much about contemporary scholarship in general and

particularly the impact of colonialism and orientalism in the encounter between Western scholars of Judaism and Christianity and Middle Eastern cultures. Prerequisite: THRS 117.

**THRS 307** [4 CR, ADV CORE: DD]  
**BLACK THEOLOGY**

Black Theology examines the Christian theological tradition through the experiences of black people. Proceeding in three parts, this course will first ask participants to examine the sources of black theology, including African religious expression; slave and African-American Christianity; African-American history; and black philosophical perspectives. Second, participants will explore foundational documents related to the field, emerging in the 1960's, known as black theology, including topics in Christology and ethics from black and queer perspectives. Last, participants will explore topics related to black theology's future, including reflections on sexuality, the prison industrial complex, and an intersectional view of freedom. Fall semester, odd-numbered years.

**THRS/PHIL 308** [4 CR, ADV CORE: WT]  
**PHILOSOPHY OF RELIGION**

This course examines the rational assessment of religious beliefs and concepts and arguments used in their support. The course considers contemporary challenges to belief in God and the responses to these challenges.

**THRS 309** [4 CR]  
**BIBLICAL EXEGESIS AND RESEARCH**

This course introduces students to both historical-critical and post-modernist methods in academic biblical research. Students will learn the assumptions behind these methods, their usefulness to biblical interpretation, and how to use them. Theology and religious studies majors/minors only.

**THRS 310** [4 CR, ADV CORE: CI]  
**MARRIAGE AND FAMILY AS VOCATION**

This course explores the moral and religious dimensions of marriage and family, with particular attention to resources within the Catholic Christian tradition. It will address such questions as: what does it mean to place the marriage commitment and the wider commitment to the family in the context of a relationship to God; what does it mean to consider marriage a vocation and sacrament; how does the vocation of marriage develop over time; how do careers, children, aging parents and other obligations affect the marriage relationship; what does it take to sustain a lifelong marital commitment in our culture; and what are the distinct characteristics and

responsibilities of Christian family life. Prerequisite: THRS 117.

**THRS 311** [4 CR]  
**INTERFAITH LEADERSHIP IN AMERICA**

This course prepares students to consider and develop their own place as leaders in the interfaith landscape of the United States. We begin by mapping the interreligious history and landscape of America, exploring some of the world's prominent religious traditions through the lives of their practitioners within our own borders--including on-site visits to various communities. We then define the concept of "interfaith leadership" through investigating the work of prominent interfaith leaders in America's history. The third portion of the class asks students to consider the role of interfaith cooperation in some of the most prominent social issues of contemporary America. Prerequisite: THRS 117.

**THRS 312** [4 CR, ADV CORE: CI]  
**CHURCH: POWER, CONTROVERSY, FUTURE**

This course explores the nature and mission of the Church from the early Christian communities to the present day. Special attention will be given to the theology of the Church that emerged from the Second Vatican Council, especially the essential communal nature of Christianity. Attention will also be given to challenges that confront the Church today, including issues of sexuality, women in the Church, celibacy, and how the Church is called both to witness to and to be challenged by society. Prerequisite: THRS 117.

**THRS 314** [4 CR, ADV CORE: CI]  
**THE ORIGINS OF BIBLICAL MONOTHEISM**

The course will trace the development from the polytheistic religions of the ancient Near Eastern and Mediterranean worlds and the multiple origins of ancient theological and philosophical critiques of those beliefs which in turn led to the belief in a single deity, understood in various ways. Careful attention will be given to the rationales used to both support and undermine long-held religious systems along with the ongoing development in the understanding of a single supreme being. Prerequisite: THRS 117.

**THRS 315** [4 CR]  
**MARY THROUGH THE AGES**

This course will be an examination of the figure of the Virgin Mary, as she has been experienced by Christians (and some non-Christians) for the last two millennia. We will study the development of her cult by examining canonical and non-canonical scripture, Mary in art, the development of Marian doctrine and dogma in the Catholic Church, Mary's role in Protestantism and Islam, Marian apparitions, and

Mary as a figure of liberation and oppression. The course will also include a field trip to the recently approved Marian apparition site in Champion, Wis. As a major focus of Christian life and devotion, examining the figure of Mary and the role she has played in the lives of believers is an important part of understanding the Christian tradition.

**THRS 316** [4 CR, ADV CORE: CI]

**WHO IS JESUS?**

An attempt to answer the biblical question “And who do you say that I am?” is a central issue of theology. This course looks at today’s answers formulated in continuity with scripture and tradition but shaped in the light of contemporary culture and experience. Prerequisite: THRS 117.

**THRS 317** [4 CR, ADV CORE: CI]

**U.S. LATINX THEOLOGIES**

This course will engage the contributions of U. S. Latinx Catholic thinkers in the field of theology connected to specific issues, concerns, and beliefs unique to the Hispanic/Latinx communities. The context of U.S. Latinx catholicity will be contextualized within the pre-colonial Indigenous communities and the Spanish colonial project that inflicted trauma-violence against indigenous and African communities in the newly named Americas. In forming responsible citizens and deepening spiritual values in an increasingly interdependent and diverse world committed to dismantling all structures of oppression. Prerequisite: THRS 117.

**THRS/WMGS 318** [4 CR, ADV CORE: CI]

**FEMINIST THEOLOGY**

This course introduces students to feminist theology as a theology of liberation, examines its foundations in feminist theory and Christian revisionist sources and explores its contributions to the Christian, especially the Catholic, faith tradition. Prerequisite: THRS 117.

**THRS 320** [4 CR, ADV CORE: CI]

**THE CHRISTIAN TRADITION**

This course examines the history of Christianity in its theological, social and institutional dimensions, from the New Testament era to the present. This development is studied in a variety of historical and cultural contexts, presenting through representative figures and issues both continuity and diversity in Christian thought and life in the midst of society. For non-Theology and Religious Studies majors/minors only. Prerequisite: THRS 117.

**THRS 322** [4 CR, ADV CORE: CI]

**SURVEY OF THE HEBREW BIBLE**

The Hebrew Bible is an intriguing mix of unity and diversity, due mostly to the fact that it is a composite literary collection that draws together numerous independent tales and narrative fragments. Beyond this, in the pages of the Hebrew Bible one also finds three important relationships. First, because the Old Testament is both ancient Near Eastern literature and a Scripture for present day Jews and Christians, there is the relationship between the past and the present. Second, because the Hebrew Bible is the object of scholarly study and an integral part of religious belief, there is also the relationship between the academy and communities of faith. Third, because the Hebrew Bible, although part of the Christian Bible, was written by non-Christians many years before the birth of Jesus and today functions as the sacred scriptures of two distinct religious traditions, there is the relationship between Judaism and Christianity. Prerequisite: THRS 117.

**THRS/WMGS 324** [4 CR, ADV CORE: CI]

**WOMEN IN THE BIBLE**

This course uncovers the untold and often troubling stories about women in the world of biblical literature. The material provokes thought and dialogue regarding the biblical writers’ perspectives on gender, sexuality and personhood. Students will be encouraged to think honestly and courageously about their own assumptions regarding authority and identity and participation in unjust social systems. Students will learn new methodologies to analyze gender and sexuality in order to rethink long-held social norms. Throughout the course, students will regularly reflect on how biblical representations impact the roles of women and men in contemporary society. Prerequisite: THRS 117.

**THRS 325** [4 CR, ADV CORE: CI]

**PROVIDENCE, SUFFERING AND FREEDOM**

This course examines various possibilities for making sense of the traditional Christian belief in an omnipotent, all-loving, providential God in light of the contemporary awareness of the immensity and tragedy of human suffering and the growing recognition of the depth and radicalness of human freedom. Prerequisite: THRS 117.

**THRS 327** [4 CR, ADV CORE: CI]

**ANCIENT WISDOM AND THE MODERN SEARCH FOR MEANING**

What is the good life? What can a person truly know? Is there justice in the world? These are some of the fundamental, universal questions of the human condition. This course will raise these questions and

look at how the biblical wisdom literature answers them along with similar writings from elsewhere in the ancient world as well as modern literature and film. As a result of this analysis, students will have the opportunity to construct a coherent and viable structure of meaning for their own life journeys. Prerequisite: THRS 117.

**THRS 328** [4 CR, ADV CORE: CI]  
**QUEER THEOLOGY**

Queer Theology is not—or, at least, is not only—theology told from the perspective of LGBTQ+ people. When properly understood, Queer Theology is a revolutionary frontier in our thinking about the entire theological project. Course participants will explore the contours of this revolution and will ask foundational questions in Christian theology anew: Who is God? Who is Jesus? How should we think of the Church and its mission? Beyond this, we will begin to explore the new geographies opened up by Queer Theology: How do queer identities and sexual practices reveal new frontiers in Christian ethics? How can queer ritual practices revitalize Christianity? What is the future of Christianity for LGBTQ+ people? Course participants will venture their own answers to these questions, both through writing assignments that will allow them to demonstrate effective communication, and through the creation of a reflection service developed in collaboration with insights from performance and liturgical studies. Prerequisite: THRS 117.

**THRS 329** [4 CR, ADV CORE: CI]  
**THE NEW TESTAMENT**

This course examines the writings of the New Testament and the creation of those texts within the context of Second Temple Judaism and the larger Greco-Roman world. Students will consider the canonical New Testament, in addition to select non-canonical writings, and the larger question of why certain texts were canonized and others were not. Students will develop skills in close reading of biblical texts, engagement with the traditions and contributions of critical biblical scholarship, including the principles of Catholic biblical interpretation, and the process of contextualizing biblical texts in the social, political, and religious environment of the Greco-Roman world. Prerequisite: THRS 117.

**THRS 331** [4 CR, ADV CORE: CI]  
**JUDAISM AND CHRISTIANITY: THE HOLOCAUST**

The examination of the historical and contemporary relation of Jews and Christians, through a study of critical events, comparative literature, and correlated theologies, in an analysis which recognizes both

interrelated unity and tragic antagonism. In line with Catholic teaching on the Shoah, the course strives to create a deeper understanding of the interrelated causes of genocides in general, and the Holocaust in particular. Students should become more aware of the relationship between religious discourse and its political and social ties, as well as the complicity of all human beings in unjust social structures. Prerequisite: THRS 117.

**THRS 333** [4 CR, ADV CORE: CI]  
**CHRISTIAN ETHICS**

This course explores the connection between being a Christian and being a morally responsible person. It addresses foundational questions of ethics in light of the Christian narrative, such as: what kind of people should we be; what should we do; and what sort of communities should we construct. It therefore focuses on three dynamic, interdependent dimensions of morality: character, choices and community. Some applied ethical issues will be examined. Theology and religious studies majors/minors should sign up for THRS 433. Prerequisite: THRS 117.

**THRS 337** [4 CR, ADV CORE: CI]  
**CHARACTER AND THE MORAL LIFE**

This course examines the relationship between morality, happiness, and the good life by focusing on the qualities of character that are necessary for human flourishing, especially the virtues. Special attention is given to the cardinal virtues of prudence, justice, temperance and fortitude, as well as the theological virtues of faith, hope and charity. The second half of the course explores the seven capital vices that are most detrimental to human well-being: envy, vainglory, sloth, greed, anger, gluttony and lust. Prerequisite: THRS 117.

**THRS 338** [4 CR]  
**RELIGION AND LITERATURE: CHRISTIAN MYSTICISM**

This course will involve reading mystical literature of the Christian tradition in order to understand this important dimension of Christian theology and experience. Through extensive reading of a wide range of primary documents across many eras, students will be able to explore this important, but often overlooked, dimension of the Christian tradition. Prerequisite: THRS 117.

**THRS 339** [4 CR, ADV CORE: BB]  
**WORLD SCRIPTURES**

This course examines the role and content of normative religious texts in some of the major religions of the world (e.g., Judaism, Islam, Hinduism, Buddhism). Students will be introduced to

the different ways that authoritative religious texts are viewed by their adherents, understand how their authority is exercised in their respective traditions, and read a good portion of primary sources from these different traditions. Prerequisite: THRS 117.

**THRS 340** [4 CR, ADV CORE: BB]

**WORLD RELIGIONS IN DIALOGUE**

This course offers a critical and comparative introduction to the world's non-Christian and mostly non-Western religious traditions. Focusing on Hinduism, Buddhism, Taoism, Confucianism, Judaism, Islam and several indigenous religions as well as new religious movements, the course investigates and compares these traditions with special attention given to context. A key component of this course involves examining the phenomenon of globalization and the issues of diversity and interaction between traditions. Prerequisite: THRS 117.

**THRS 343** [4 CR, ADV CORE: CI]

**MUSLIM-CHRISTIAN DIALOGUES**

This course introduces students to Islam and the rich field of Muslim-Christian relations, both historically and theologically, and also prepares students for interreligious encounters in the world today. To that end, the course has four units: (1) an introduction to Islam and Muslims; (2) a brief historical overview of Christian-Muslim relations; (3) a discussion of key theological differences and similarities between Christianity and Islam; (4) a look at the importance of Christian-Muslim dialogue today, especially as it relates to the experiences of Muslims in America and contemporary issues such as migration and refugees. Prerequisite: THRS 117.

**THRS 350** [4 CR, ADV CORE: CI]

**CHRISTIANITY AND RELIGIOUS DIVERSITY**

In what ways is Christian, theological self-understanding informed by encountering non-Christian religions? This course gives particular attention to themes such as cosmopolitanism, hybridity, pluralism and relativism. First, students examine Christian theological resources — both traditional and emerging — for understanding religious diversity. Secondly they explore the development, beliefs, and practices of the Hindu, Buddhist and Islamic traditions. Students draw on the Christian theological framework to answer constructively questions about the relationship between Christianity and these religious groups. Prerequisite: THRS 117.

**THRS 355** [4 CR, ADV CORE: CI]

**THEOLOGY OF SPIRITUALITY**

This course is an introductory exploration of the theology of prayer and the spiritual life, it explores the realm of religious faith and the various means by which humans enter into an explicit relationship with God. Students will be exposed to the various schools of Christian spirituality as they have arisen in the history of the Christian community. In addition, class sessions will be devoted to discussing the relationships of spirituality with the human condition. Prerequisite: THRS 117.

**THRS 360** [4 CR, ADV CORE: CI]

**EXPLORING CATHOLIC THEOLOGY**

This course is an introduction to Catholic theology in light of the Second Vatican Council. It will examine developments in Catholic theologies of God, Christ, the Church, the sacraments and especially the fundamental elements of Catholic morality. Prerequisite: THRS 117.

**THRS 361** [4 CR, ADV CORE: CI]

**CATHOLIC INTELLECTUAL TRADITION**

This course identifies the central distinguishing characteristics of the Catholic intellectual tradition. It examines the impact of the tradition in art, literature, philosophy and science. Finally, the course entails a critical appraisal of the distinctiveness of the Catholic intellectual tradition and an evaluation of its unique accomplishments and shortcomings. Prerequisite: THRS 117.

**THRS 389**

**SPECIAL TOPICS**

This course is an in-depth study of one or more major issues confronting contemporary religion. Students are challenged to make concrete applications of the role of theology and religious practice in issues of the early 21st century and to evaluate the impact of the heritage and tradition on their own thinking and on society in general. Topics will change from semester to semester but may include such issues as the Holocaust, nuclear weapons, abortion, racism and church-state relations. Prerequisite: THRS 117.

**THRS 400** [4 CR]

**CHRISTOLOGY**

This course examines the varied responses to the biblical question “And who do you say that I am?” It explores contemporary approaches formulated in conversation with scripture and tradition but shaped in the light of contemporary culture and experience. Prerequisite: THRS 117. Spring semester, alternate years.

**THRS 433** [4 CR, ADV CORE: CI]  
**CHRISTIAN ETHICS**

This course explores the connection between being a Christian and being a morally responsible person. It attends to foundational questions of ethics in light of the Christian narrative, such as: What kind of people should we be? What should we do? What sort of communities should we construct? It therefore focuses on three dynamic, interdependent dimensions of morality: character, choices and community. Some applied ethical issues will be examined. Prerequisite: Theology and Religious Studies major/minor.

**THRS 460/PEAC 400** [4 CR]  
**ADVANCED SEMINAR**

This course offers senior theology and religious studies majors and minors the opportunity to engage in a research project on a special topic, theme or theologian. Spring semester.

**THRS 490** [2 OR 4 CR]  
**INDEPENDENT STUDY**

A course allowing staff and students to explore together topics of special interest. Prerequisites: instructor consent and approval of the dean of humanities.

**THRS 494** [4 CR]  
**INTERNSHIP**

This course is an action/reflection experience for those seeking skills in ministry. Students are placed in the local community. In addition to regular weekly service, students are required to meet each week in a supervised class with an instructor from the Theology and Religious Studies faculty. In those meetings, students explore the bases of practical theology, as that science reflects on the pastoral experience.

**THRS 499** [0 CR]  
**MAJOR PORTFOLIO**

The THRS Major Portfolio is a collection of work that documents the student's learning and development in each of the areas that the Theology and Religious Studies program aims to help our students achieve. The Portfolio showcases selections of work that demonstrate competency in and facility with program goals. Students archive one assignment (completed for a THRS class) per goal. The Portfolio will be housed digitally in a Google Drive folder shared with THRS faculty. For each assignment, students draft a brief statement explaining why the assignment was chosen for inclusion. The Major Portfolio is ongoing work. Prerequisite: Taken concurrently with THRS 460. Spring semester.

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### **WOMEN'S AND GENDER STUDIES [WMGS]**

**WMGS 110** [4 CR, CORE: DD]  
**INTRODUCTION TO WOMEN'S AND GENDER  
STUDIES**

This introductory course will focus on one central question: What difference does gender make? By examining a variety of texts (articles, novels, film, popular culture), we will learn not only how to analyze issues of power, gender and identity, but we will also relate those issues to the wider world around us. Specific thematic units include socialization, violence, work, the female body, language, sexuality, motherhood and the family, race, globalization, and voices from the third wave of feminism.

**WMGS 201** [4 CR]  
**MEN AND MASCULINITIES**

What does it mean to "Man up!" or "Be A Man!"? Do these expressions have consequences for men and women? Why do men occupy the majority of positions in government leadership and CEO positions in Fortune 500 CEO companies? Is any of this changing? When people say that, "men aren't what they used to be!" do these people have a firm grasp of history, and what point in history are they referring to? This course will explore these questions and more through an introduction to the sociology of masculinity. While typically, conversations about gender have focused on women, this course will focus on men, their relationships with one another, their relationships with women, and their position in the gendered order. As a women's and gender studies course, this course will explore systems of inequality that advantage some, and disadvantage others because of their identities. In addition to gender, we will also consider the construction of masculinities along with other identity categories like race, class, religion, dis/ability, age, and sexuality. This course will introduce students to major themes in social justice movements, women's and gender studies, feminist studies, and sexuality studies within the United States and around the world.

**WMGS 205** [4 CR, CORE: DD]  
**RACE AND ETHNICITY IN THE LIVES OF US WOMEN**

This course is an introduction to the study of race and ethnicity in the lives of U.S. women, providing students with a conceptual vocabulary for investigating questions of race, ethnicity, gender,

sexuality, and class, and an analytical framework within which they can extend their critical thinking on these and related topics. We will explore the ways these intersecting factors of identity have been understood in U.S. culture, fostering both division and unity. We will examine how social institutions such as motherhood, family, the beauty industry, advertising, and education perceive women who identify themselves from various ethnic and racial groups, and how such women construct themselves through language and other means of “talking back” to the institutions in which they live and work. Ultimately, the course analyzes the ways that institutions can be the means of both oppression and empowerment for women, and imagines the opportunities for resisting oppression and organizing for social change. Course materials are interdisciplinary—drawing on sociological, historical, and literary readings, as well as films and music, to reflect a range of cultural experiences.

**WMGS/ENGL 206 [4 CR]**  
**QUEER LITERATURE**

This course explores queer storytelling in a range of genres and media, including fiction, memoir, poetry, performance, and film. As we investigate how literature shapes the way we understand our relationship to sex, desire, and embodiment, we also engage with a growing body of queer and transgender scholarship in order to think about how our experiences of our bodies are conditioned by our position in the social/political world.

**WMGS 225 [4 CR, CORE: DD]**  
**GENDER IN TEXT AND IMAGERY**

This course provides students the opportunity to explore how messages about gender and ethnicity are communicated in the United States via multi-media avenues (e.g., literature, imagery, movies, commercials, art, video games) through the employment of content analysis. The discussion of feminist theory and the intersections of gender, sexuality, ethnicity/race, and socio-economic class throughout this course will assist students in deducing how the multi-media avenues they analyze can effectively (or ineffectively) socially condition people’s attitudes and perceptions at any age.

**WMGS/THRS 268 [4 CR]**  
**SEXUALITY, INTIMACY AND GOD**

This course explores the meaning and significance of sexuality and sex for human fulfillment. It examines the ethics of intimate and sexual relationships in light of Christian theological and scriptural traditions as well as reason (including social and scientific sources) and contemporary human experience.

Specific topics under examination include the “hookup culture” on contemporary college campuses; the social construction of gender and sexual expression; unmarried sexuality; same-sex relations; contraception; abortion; and sexual violence. Students engage various theological, philosophical, natural and social science sources, including imagery in the popular media, traditional Roman Catholic teaching, “revisionist” theological perspectives, and feminist insights regarding the body, sex, and human relationships more generally.

**WMGS/ENGL 310 [4 CR, ADV CORE: DD]**  
**RACE AND SEX IN CONTEMPORARY U.S. TEXTS**

This course examines race and ethnicity in American-Indian, Latino, African-American and Asian-American texts in the contemporary United States (1960s to present). The course investigates recurrent issues like immigration, memory and identity, and the legacy of slavery, as we understand the political and cultural underpinnings of the texts. Writers include Louise Erdrich, Sherman Alexie, Junot Diaz, Sandra Cisneros, Toni Morrison, Walter Mosley, Gish Jen and Don Lee. This course meets the Literature and Cultural Diversity requirement for English majors with secondary education certification. Spring semester.

**WMGS/ENGL 311 [4 CR]**  
**WOMEN AND LITERATURE**

Through exploring literary texts by women, this course analyzes how the construction of “woman,” sex and gender has changed over time and investigates how it intersects with issues of race, class, sexuality and nation. By using feminist literary theory, the course engages the most pressing issues in the field from ideas of women’s literary voice to claims that challenge female authorship altogether. Special topics may include contemporary women writers, gender and 19th century novel, and ethnic women writers. Authors may include Virginia Woolf, Adrienne Rich, Gloria Anzaldúa, Margaret Atwood, Bharati Mukherjee, Leslie Feinberg, Edwidge Danticat or Marjane Satrapi.

**WMGS/THRS 318 [4 CR, ADV CORE: CI]**  
**FEMINIST THEOLOGY**

This course introduces students to feminist theology as a theology of liberation, examines its foundations in feminist theory and Christian revisionist sources and explores its contributions to the Christian, especially the Catholic, faith tradition.

**WMGS/THRS 324 [4 CR, ADV CORE: CI]**  
**WOMEN IN THE BIBLE**

This course uncovers the untold and often troubling

stories about women in the world of biblical literature. The material provokes thought and dialogue regarding the biblical writers' perspectives on gender, sexuality and personhood. Students will be encouraged to think honestly and courageously about their own assumptions regarding authority and identity and participation in unjust social systems. Students will learn new methodologies to analyze gender and sexuality in order to rethink long-held social norms. Throughout the course, we will regularly reflect on how biblical representations impact the roles of women and men in contemporary society.

**WMGS/HIST 327 [4 CR]**

**WOMEN AND GENDER IN UNITED STATES HISTORY**

This course will explore women and gender in American history from colonial America to the present. We will examine how gender norms changed throughout history, and how individuals interacted with those norms. We will analyze how women and notions about gender shaped American politics: through cultural trends like fashion; through family and daily life; and through social movements like suffrage, temperance, and welfare rights. We will ask, when did gender constrict the choices that individuals faced, and when did individuals expand and even disassemble gender norms? Alternate years.

**WMGS/COME 331 [4 CR]**

**WOMEN AND MEDIA**

Why are some genres of media labeled as feminine or masculine? How are men and women represented in media? What impacts do these representations have on media viewers? This course will explore these questions and more from multiple scholarly perspectives. Various forms of media such as advertising, television, movies, video games, and news will be considered. Fall semester.

**WMGS/HIST 335 [4 CR]**

**WOMEN AND WORK**

This course examines the topic of women and work historically, with attention to change over time in the work histories of African and American women. Throughout this course, students will explore women's working lives in the context of the gendered social norms within which they have lived. Within this general framework, the course will examine types of occupations such as domestic work, prostitution, farming, agricultural work, market trading and professional/managerial work. The course will also explore the intersections of work with marriage and parenting and the effects of race and class upon women's working lives. Alternate years.

**WMGS/PHIL 344 [4 CR, ADV CORE: DD]**

**FEMINIST PHILOSOPHY**

This course provides a survey of topics in contemporary feminist philosophy, and it will be divided into four units: (1) Oppression, Gender, & Misogyny; (2) Objectification & Self-Objectification; (3) Consent & Sexual Violence; and (4) Feminist Epistemologies. In our first unit, we'll discuss concepts that are fundamental to feminist theory, including oppression, gender, and misogyny; and then we'll consider how sexist and racist oppression relate to and augment each other. In our second unit, we'll ask questions like: what does it mean to be objectified? Who/what can be objectified and who/what can objectify? Then, in our third unit we'll turn our attention to the nature of consent and sexual violence. We'll ask: what is consent? What role does consent play in an ethical sex life? What is rape? How does rape relate to other sexual wrongs? And, finally, we'll survey some of the recent literature in feminist epistemology, focusing largely on the phenomenon of hermeneutical injustice. Prerequisite: PHIL 120. Fall semester, odd-numbered years.

**WMGS/SOCI 346 [4 CR, ADV CORE: DD]**

**INTERSECTIONS OF PRIVILEGE**

This course engages in an interdisciplinary and multimedia examination of social inequality, focusing on the complex and intersecting ways that social groups gain advantage over and marginalize others. Students will examine topics including race (whiteness), sexuality (heterosexuality), gender (masculinity), class (economic and cultural capital), and nationality (global privilege associated with first-world status). This course will integrate perspectives on how privilege is reinforced in day-to-day interactions as well as in larger social structures.

**WMGS/HIST 351 [4 CR, ADV CORE: BB]**

**WOMEN, GENDER AND IMPERIALISM**

Western women played significant roles in British colonies in Africa and India in the fields of education, public health and missionary work. These women believed that they could improve the lives of non-Western women by acculturating them to middle-class, Western and Christian norms. The course will explore how these women tried to reshape key social institutions in Africa and India such as marriage, parenting, medical practices and religion. This course will also explore how the women and men these individuals came to "civilize" in turn shaped the cross-cultural encounter through their powerful reactions to the often unwelcome acculturating messages they received. Spring semester, alternate years.

**WMGS 360 [4 CR]**  
**FEMINIST THEORY**

This course takes a sociology of knowledge approach to the development of feminist theory from the 18th century to the present. A variety of modern and postmodern feminist theories are placed in social, political and historical context. Primary source examples of each school of thought are read, applied and evaluated. Because feminist thought has been a response to the conditions of women throughout history, women's oppression at various points in history will be covered. Prerequisite: instructor consent. Alternate years.

**WMGS/SOCI 361 [4 CR]**  
**GENDER, SEXUALITY AND SOCIETY**

While gender and sexuality often appear natural, this course investigates their social roots. Throughout the semester, we will explore the diverse ways in which gender and sexuality have been conceptualized, embodied, shaped, policed, and transformed. Additionally, we will examine the relationship between gender, sexuality, inequality, and major social institutions including education, media, work, and family. Finally, we explore the intersections of gender, sexuality, race, and class as they relate to a variety of contemporary issues and controversies, including "hooking up," marriage laws, gender reassignment surgery, and sex education.

**WMGS/ART 375 [4 CR, ADV CORE: DD]**  
**RACE AND GENDER IN CONTEMPORARY ART**

A survey of how artists explore and express personal identity, unique bias and social marginalization and how contemporary art reflects society's evolving and changing attitudes toward matters of life, love and death.

**WMGS 289/389/489 [2 OR 4 CR]**  
**SPECIAL TOPICS**

A study of a single topic of special interest to students. When the course is offered, the topic will be listed in the timetable of courses.

**WMGS 490 [2 OR 4 CR]**  
**INDEPENDENT STUDY**

This course allows staff and students to explore together topics of special interest. Prerequisite: approval of the women's and gender studies advisory committee.

**WMGS 494 [4 CR]**  
**INTERNSHIP IN WOMEN'S AND GENDER STUDIES**

This internship experience allows students to apply their studies in a supervised work situation. Students benefit from an inside look at different kinds of organizations by having a chance to work in their field of study and by gaining experience with state-of-the-art equipment and practices. Prerequisite: junior or senior standing and instructor consent.

## Directories

*Current as of June 2024*

### **FACULTY AND FACULTY EMERITUS** (*Dates indicate year of initial appointment*)

**Akpa, Rev. Onwu** (2019), assistant professor of social sciences and economics; B.S., MPA, Enugu State University of Science & Technology; M.S., University of Southern Mississippi; M.A., Ph.D., Claremont Graduate University

**Anderson, Deborah K.** (1989), professor of biology; B.S., Alma College; M.S., Northeastern University; D.A., Idaho State University

**Antos, Anna** (2014), associate professor of communication and media studies; B.A., St. Norbert College; M.A., Ph.D., University of Wisconsin-Milwaukee

**Arendt, Lucy** (2016), professor of business administration; B.S., University of Wisconsin – Green Bay; M.S. University of Wisconsin – Green Bay; Ph.D., University of Wisconsin - Milwaukee

**Bailey, David** (2008), associate vice president for academic affairs and professor of biology; B.S., University of Wisconsin-Milwaukee; M.A., Ph.D., Michigan State University

**Barnett, Erica** (2015), associate professor of teacher education; B.A., University of Wisconsin-Stevens Point; M.A., Viterbo University of Wisconsin; Ph.D., University of Wisconsin-Milwaukee

**Bauer, Brandon** (2011), associate professor of art; B.A., Milwaukee Institute of Art and Design; M.A., M.F.A., University of Wisconsin-Milwaukee

**Beiswenger, April** (2009), associate professor of theatre studies; M.F.A., West Virginia University; M.A., Villanova University

**Bolin, Thomas** (2002), professor of theology and religious studies; B.A., St. Edward's University; M.A., Ph.D., Marquette University

**Bosko-Dunbar, Lindsey** (2019) associate professor of mathematics; B.S., Elizabethtown College; Ph.D., North Carolina State University

**Brandt, Adam** (2016), associate professor of biology; B.S., Frostburg State University; M.S., Frostburg State University; Ph.D., University of Illinois at Urbana-Champaign

**Brekke, Erik** (2011), associate professor of physics; B.A., Gustavus Adolphus College; M.A., Ph.D., University of Wisconsin-Madison

**Brooks, Erin** (2018), associate professor of sociology; B.A., Beloit College; M.A., Ph.D., North Carolina State University

**Burke Ravizza, Bridget** (2001), professor of theology and religious studies; B.A., Santa Clara University; M.A., University of San Diego; Ph.D., Boston College

**Bursik, Paul B.** (1990), professor of business administration; B.S., University of Wisconsin-Stevens Point; Ph.D., Washington State University

**Cervantes, Judy** (2017), associate professor of Spanish; B.A., University of California, Riverside; M.A., Ph.D., U.C. Riverside

**Chan, Ben** (2013), assistant professor of philosophy; B.A., Swarthmore College; Ph.D., University of California-Los Angeles

**Choudhury, Anindo** (2001), professor of biology and environmental science; B.S., University of Burdwan, India; M.S., University of New Brunswick, Canada; Ph.D., University of Manitoba, Canada

**Clawson, AnaMaria** (2016), associate professor of English; B.A., Creighton University; M.A., Ph.D., Rice University

**Collins, Shalisa** (2005), associate professor of Spanish; B.A., M.A., Western Michigan University; Ph.D., University of Arizona

**Condon, Miles** (2018), assistant professor of business administration; B.S., University of Florida; M.A., Ph.D., Texas Tech University

**Cunningham, Kurstan** (2004), associate professor of chemistry; B.A., Illinois Wesleyan University; Ph.D., Purdue University

**Danka, Elizabeth** (2020), assistant professor of biology; B.S., University of Richmond; Ph.D., Washington University in St. Louis

**Delano-Oriaran, Omobolade** (1995), professor of education; B.A., M.P.A., Savannah State College; Ph.D., Penn State University

**Diederich, Kyle** (2020), assistant professor of computer science; B.A., St Norbert College; M.S., University of Wisconsin Oshkosh; PhD, University of Iowa

**Dose, John M.** (1996), professor of psychology; B.A., University of Northern Iowa; M.S., Ph.D., University of Kentucky

**Dougherty, Fr. Matthew, O. Praem.,** (2022) assistant professor of biology; B.S., St. Norbert College; M.Div., M.A., Catholic Theological Union; M.S., Ph.D., Yale University

**Du, Yuan (Sabrina)** (2020), assistant professor of business administration; B.S., Guangdong University of Foreign Study; M.S., Ph.D., Temple University

**Dunbar, Jonathan** (2019), associate professor of mathematics; B.S., Elizabethtown College; Ph.D., North Carolina State University

**Ebert, Howard J.** (1989), professor of theology and religious studies; B.A., St. Norbert College; M.A., St. John's University; Ph.D., Marquette University

**Egan-Ryan, Deirdre** (2005), professor of English; B.A., College of Holy Cross; M.A., Ph.D., University of Wisconsin-Madison

**Ellis, Bradford** (2002), associate professor of Spanish; B.A., Bates College; M.A., Ph.D., University of Wisconsin-Madison

**Falter, Michelle** (2023), associate professor and director of teacher education; B.A., St. Norbert College; M.A., Mt. Mary University; Ph.D., The University of Georgia

**Flood, Tim** (1987), professor of geology; B.S., University of Wisconsin Oshkosh; M.S., University of Minnesota-Duluth; Ph.D., Michigan State University

**Ford, Jr., Craig A.** (2019), assistant professor of theology and religious studies; B.A., University of Notre Dame; M.A.R., Yale Divinity School, Yale University; Ph.D., Boston College

**Gallagher Elkins, Kathleen** (2014), associate professor of theology and religious studies; B.A., Greensboro College; M.A., Union Presbyterian Seminary; M.Phil., Ph.D., Drew University

**Garber, Katie** (2013), associate professor of chemistry; B.A., Franklin & Marshall College; Ph.D., University of Wisconsin-Madison

**Geerling, Danielle** (2020), assistant professor of psychology; B.A., Marquette University; M.S., Ph.D., University of Utah

**Ginsbach, Katie** (2017), associate professor of Spanish; B.A., University of Wisconsin-Green Bay; M.A., University of Wisconsin-Milwaukee; Ph.D., University of Wisconsin-Madison

**Glantz, Mark** (2012), associate professor of communication and media studies; B.S., State University of New York, College at Oneonta; M.A., State University of New York, College at Brockport; Ph.D., University of Missouri

**Haen, Jason** (2013), assistant professor of accounting; B.A., St. Norbert College; MBA, University of Wisconsin Oshkosh

**Hagedorn, Eric** (2012), associate professor of philosophy and computer science; B.S., Iowa State University; M.A., Ph.D., University of Notre Dame

**Ham, Nelson R.** (1994), professor of geology/environmental science; B.A., Augustana College; M.S., Ph.D., University of Wisconsin-Madison

**Hammer, Marc** (1994), instructor of business administration; B.A., University of Illinois at Urbana-Champaign; J.D., University of Missouri Columbia School of Law

**Harris, James** (2004), associate professor of business administration; B.S., Villanova University; MBA, University of Notre Dame; Ph.D., University of Illinois at Urbana-Champaign

**Hennecken, John** (2017), associate professor of music; B.A., Georgia College and State University; D.M.A., University of Georgia

**High, Eric** (2005), professor of music; B.A., University of Wisconsin-Superior; M.A., Ph.D., Arizona State University

**Holder, John J., Jr.** (1989), professor of philosophy; B.A., Dickinson College; M.A., University of Illinois at Chicago; Ph.D., Southern Illinois University

**Hunnicutt, David** (2007), professor of biology; B.A., Augustana College; M.S., Illinois State University; Ph.D., University of Wisconsin-Milwaukee

**Jacobs, Charles** (2007), professor of political science; B.A., Kenyon College; M.A., University of Akron; Ph.D., University of Connecticut

**King, Ryan** (2014), associate professor of biology; B.S., Ph.D., University of Wisconsin-Madison

**Kissman, Carrie** (2011), associate professor of biology and environmental science; B.S., University of Wisconsin-Madison; Ph.D., Michigan State University

**Klickman, Philip** (2017), associate professor of music; B.S., M.S., Ed.D., University of Illinois at Urbana-Champaign; M.M., University of Illinois

**Kramer, Robert S.** (1989), professor of history; A.B., Bard College; M.A., University of Chicago; Ph.D., Northwestern University

**Kretz, Valerie** (2015), associate professor of communication and media studies; B.S., Drury University; M.A., Marquette University; Ph.D., University of Wisconsin-Madison

**Krull, Laura** (2020), assistant professor of sociology; B.A., Grinnell College; M.A., University of North Carolina; Ph.D., University of North Carolina at Chapel Hill

**Kupinsky, Debbie** (2015), associate professor of art; B.F.A., Kansas City Art Institute; M.F.A., Louisiana State University

**Laubacher, Jacob** (2017), associate professor of mathematics; B.S., Ohio Dominican University; M.A., Kent State University; Ph.D., Bowling Green State University

**Leiterman, Terry Jo** (2006), associate professor of mathematics; B.A., University of Wisconsin Oshkosh; Ph.D., University of North Carolina

**Licht, John-Gabriel** (2015), associate professor of business administration; B.A., University of North Dakota; Ph.D., University of Minnesota

**Lopez, Raquel** (2014), associate professor of psychology; B.S., Westminster College; M.A., Ph.D., University of Minnesota

**Lovano, Michael** (2000), assistant professor of history; B.A., Loyola Marymount; M.A., Ph.D., University of California-Los Angeles

**Lynch, Jamie** (2011), associate professor of sociology; B.S., Western Washington University; M.A., Ph.D., The Ohio State University

**MacDiarmid, Laurie J.** (2000), professor of English; B.A., Carnegie Mellon; M.A., Johns Hopkins University; M.F.A., Ph.D., University of Arizona

**Mann, Joel** (2007), professor of philosophy; B.A., Ph.D., University of Texas in Austin

**Mauro, Nicholas** (2018), associate professor of physics; B.A., Lawrence University; M.A., Ph.D., Washington University in St. Louis

**McKean, Rebecca** (2010), associate professor of geology; B.S., St. Norbert College; M.S., Northern Arizona University; Ph.D., University of Nebraska-Lincoln

**Meyer, Seth** (2012), professor of mathematics; B.A., Carleton College; M.A., Ph.D., University of Wisconsin-Madison

**Mumma, Shelly** (2006), director of leadership, student engagement & first year experience and the campus center; B.A., Washington State University; M.S., Wright State University; Ph.D., University of Nebraska-Lincoln

**Neilson, Rev. James, O. Praem.**, assistant professor of art; B.A., St. Norbert College; MFA, The Vermont Studio School

**Ngo, Paul Y. L.** (1996), associate professor of psychology; B.A., Rutgers University; M.A., Ph.D. University of Notre Dame

**Niu, Yi-Lan** (2007), professor of music; B.A., National Taipei Teachers College; M.A., Eastman, School of Music; Ph.D., University of Wisconsin-Madison

**O'Brien, Jamie** (2013), professor of business administration; B.B.S., Ph.D., University of Limerick

**O'Connor, Andrew** (2019), assistant professor of theology and religious studies; B.A., University of Wisconsin-Madison; M.A., University of Chicago; Ph.D., University of Notre Dame

**Ochsner, Cynthia** (2004), associate professor of chemistry; B.A., Northern Michigan University; Ph.D., Washington State University

**Olson, Michael N.** (2003), assistant professor of physics; B.S., University of Wisconsin-Platteville; Ph.D., Kent State University

**O'Meara, Katherine Daily** (2020), assistant professor of English and director of Writing Across the Curriculum; B.A., Carroll College; M.A., University of Wisconsin-Milwaukee; Ph.D., Arizona State University

**Pahl, Joy M.** (1998), professor of business administration; B.S., MBA, Mankato State University; Ph.D., University of South Carolina-Columbia

**Park, Karen** (2008), professor of theology and religious studies; B.A., Lawrence University; M.A., Ph.D., The Divinity School of The University of Chicago

**Parks, Sarah** (2009), associate professor of music; B.M., St. Olaf College; M.M., University of Wisconsin-Madison; Ph.D., University of Minnesota

**Pirman, Brian** (1997), associate professor of art; B.S., M.F.A., University of Wisconsin-Madison

**Poister, David** (1995), professor of chemistry and environmental science; B.S., St. Francis College; M.S., Ph.D., University of Wisconsin-Madison

**Quinn, Kevin** (2022), professor of economics; B.S., Loyola University of Chicago; MBA, Ph.D., University of Illinois at Chicago

**Ries, Katie** (2013), associate professor of art; B.A., Colorado College-Colorado Springs; M.F.A., University of Tennessee-Knoxville

**Riggle, Reid R.** (1989), associate professor of education; B.A., Coe College; M.A., Ph.D., University of Iowa

**Rupsch, Stephen** (2005), professor of theatre studies; B.A., California Institute of Integral Studies; M.A., Middlesex University; Ph.D., University of Oregon

**Russel, Jonathon R.** (2001), associate professor of chemistry; B.S., Texas Lutheran University; Ph.D., Dartmouth College

**Ryan, Carrie** (2018), associate professor of history; B.A., Lawrence University; M.A., Ph.D., University of Wisconsin-Madison

**Sarnstrom, Todd** (2019), assistant professor of business administration; B.S., University of Wisconsin River Falls;

M.A., Ph.D., Western Michigan University

**Scattergood, Wendy** (2000), assistant professor of political science; B.A., Washington State University; M.A., Ph.D., Purdue University

**Schaffer, Marc** (2012), professor of economics; B.A., Augustana College; M.A., Ph.D., Western Michigan University

**Scheich, Larry A.** (1983), professor of chemistry; B.S., Alma College; Ph.D., University of California-Santa Cruz

**Schoenleber, Michelle** (2015), associate professor of psychology; B.A., Marquette University; Ph.D., University of Illinois at Urbana-Champaign

**Schroth, Terri** (2020), associate professor of modern languages and literatures; B.A., St. Norbert College; M.A., Arizona State University; Ph.D., Louisiana State University

**Shedrow, Stephanie** (2020), assistant professor of teacher education; B.A., University of Wisconsin, La Crosse; M.Ed., University of Nevada, Las Vegas; Ph.D., University of Wisconsin, Madison

**Smith, Kim** (2016), associate professor of communication and media studies; B.A., University of Wisconsin-Milwaukee; Ph.D., University of Wisconsin-Milwaukee

**Sprague, Matthew** (2015), associate professor of chemistry; B.A., B.S., Ithaca College; Ph.D., California Institute of Technology

**Stollak, Matthew** (2002), associate professor of business administration; B.A., Michigan State University; M.M.H.S., Brandeis University; Ph.D., University of Illinois, at Urbana-Champaign

**Tashjian, Victoria B.** (1992), professor of history; B.A., William Smith College; Ph.D., Northwestern University

**Toth, Leah** (2018), assistant professor of English; B.S., Troy University; M.A., University of Alabama; Ph.D., University of Kentucky

**Trollinger, Abigail** (2014), associate professor of history; B.A., Goshen College; M.A., Ph.D., Northwestern University

**Trumpy, Alexa** (2012), associate professor of sociology; B.A., DePauw University; M.A., Ph.D., The Ohio State University

**Vandenberg, Amy T.** (1992), assistant professor of accounting; B.B.A., St. Norbert College; M.S., University of Wisconsin-Milwaukee

**Villarroel, Gratzia V.** (1990), associate professor of political science; B.A., University of North Dakota; M.A., Ph.D., University of South Carolina

**von der Ruhr, Marc** (1999), professor of economics; B.S., M.S., Marquette University; Ph.D., Indiana University

**Waroff, Jamie** (2018), associate professor of music; B.M.E., University of Northern Colorado; M.M., University of Wyoming; D.M.A., University of North Texas

**Zhao, Zhuoyi (Zoe)** (2021), assistant professor of accounting; B., Jilin International Studies University; M., University of Wollongong; Ph.D., McMaster University; Ph.D., Wilfrid Laurier University

## Faculty Emeritus

**Abel, Donald C.** (1984), professor emeritus of philosophy; B.A., Gonzaga University; M.A., Tulane University; Ph.D., Saint Michael's Institute; M. Div., Loyola University; Ph.D., Northwestern University

**Adams, Mural F.** (1968), professor emeritus of education; B.S., University of Wisconsin-Platteville; M.S., University of Wisconsin-Madison

**Agar, Rev. Bartholomew A., O. Praem.** (1972), professor emeritus of music; B.A., St. Norbert College; M.A., Columbia University

**Beane-Katner, Linda** (1992), professor emerita of French; B.A., College of Wooster; M.A., Ph.D., University of

Illinois

- Benton, James S.** (1981), professor emeritus of sociology; B.A., University of Michigan; M.A., Ph.D., University of California-Los Angeles
- Berken, Bernadette A.** (1982), professor emerita of natural sciences; B.S., M.S., University of Wisconsin; M.S., University of Wisconsin-Milwaukee
- Blahnik, James R.** (1983), professor emeritus of computer science; B.S., University of Wisconsin; M.S., University of Minnesota
- Bockenbauer, Mark** (1994), emeritus professor of geography; B.S., University of Wisconsin-La Crosse; Master of Applied Geography, Southwest Texas State University; Ph.D., University of Wisconsin-Milwaukee
- Boyer, Robert H.** (1968), professor emeritus of English; B.A., M.A., La Salle College; M.A., Marquette University; Ph.D., University of Pennsylvania
- Brickner, Sr. Sally Ann, O.S.F.** (1970), professor emerita of education; B.S., St. Norbert College; M.A., Columbia University; Ph.D., Michigan State University
- Bunker, Eugene G.** (1963), professor emeritus of library science; M.S.L.S., University of Wisconsin, Michigan State University; Ph.D., Marquette University
- Carpenter-Siegel, Cheryl L.** (1992), emeritus assistant professor of sociology; B.A., Cardinal Stritch College; M.A., Marquette University; Ph.D., Syracuse University
- Conner, Thomas S.** (1987), professor emeritus of French; B.A., Davidson College; M.A., M.Phil., Ph.D., Yale University
- Craghan, John F.** (1986), professor emeritus of religious studies; B.A., M.R.E., Mount Saint Alphonsus Seminary; M.A., Columbia University; S.S.L., Pontifical Biblical Institute; Th.D., University of Munich
- Day, John F.** (1998), professor emeritus of Spanish; B.A., University of Utah; M.A., University of Northern Iowa; Ph.D., University of Texas at Austin
- DeBoth, Gene A.** (1966), professor emeritus of mathematics; B.A., St. Norbert College; M.S., Ph.D., Purdue University
- De Wane, Rev. E. Thomas, O. Praem.** (1983), professor emeritus of education; B.A., St. Norbert College; M.Ed., Marquette University; Ph.D., University of Chicago
- Duquette, David A.** (1985), professor emeritus of philosophy; B.A., University of New Hampshire; M.S., Rensselaer Polytechnic Institute; M. Phil, Ph.D., University of Kansas
- Elfner, Eliot S.** (1971), professor emeritus of business administration; B.S., MBA, Ph.D., University of Wisconsin-Madison
- Feirer, Russell P.** (1989), associate professor emeritus of biology; B.S., University of Wisconsin-Eau Claire; M.S., Iowa State University; Ph.D., University of Wisconsin
- Fresno, Rev. Leonides, O.S.A.** (1968), professor emeritus of Spanish; B.A., Universidad de Villanueva; M.A., The Catholic University of America; Ph.D., St. Louis University
- Frohliger, John A.** (1983), professor emeritus of mathematics; B.A., Indiana University; M.S., Ph.D., Purdue University
- Grassl, Wolfgang** (2004), professor emeritus of business administration; M.S., University of Vienna; Ph.D., University of Graz
- Harrison, William F.** (1969), professor emeritus of business administration; B.S., University of Wisconsin; J.D., William Mitchell College of Law
- Hodgson, James R.** (1970), professor emeritus of biology; B.S., University of Wisconsin-Platteville; M.A., Western Michigan University; Ph.D., Montana State University
- Horn, Robert L.** (1968), vice president for academic affairs and dean of the college emeritus; professor emeritus of English; B.B.A., M.A., University of Notre Dame; Ph.D., University of Wisconsin

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