2012 Bulletin of Information

University of Notre Dame
Office of the Registrar/
Office of the Summer Session
Office Hours
8:00 a.m.–4:30 p.m.
Contact Information
300 Grace Hall
Notre Dame, IN 46556
(574) 631-7282
(574) 631-5872 - Fax
Email
sumsess.1@nd.edu
URL
summersession.nd.edu
Campus Map
map.nd.edu

Disclaimer: All financial information (e.g., tuition, housing, meal plans) contained within this Bulletin of Information is subject to change. Every effort has been made to provide the most accurate financial information at the time of publication.

Notice: The University reserves the right to cancel any class if any enrollment level is insufficient.

Nondiscrimination
The University of Notre Dame does not discriminate on the basis of race, color, national or ethnic origin, sex, disability, veteran status or age in the administration of any of its educational programs, admissions policies, scholarship and loan programs, athletic and other school-administered programs or in employment.

The University has designated the Director of its Office of Institutional Equity to handle all inquiries regarding its efforts to comply with and carry out its responsibilities under Title IX and under Section 504 of the Rehabilitation Act of 1973. The Title IX and Section 504 coordinator may be contacted as follows:

Director
Office of Institutional Equity
414 Grace Hall
University of Notre Dame
Notre Dame, IN 46556
(574) 631-0444

The University and the Summer Session

Programs of Study-Academic Departments

Programs of Study - International

Programs of Study - Centers, Institutes

Programs of Study - Pre-College

Appendix

For up-to-date summer session information, please visit us online at summersession.nd.edu.
### ACADEMIC CALENDAR 2012

#### JUNE

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#### JULY

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#### AUGUST

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#### TRADITIONAL SUMMER SESSION DATES

(Please note some courses begin/end outside the traditional dates.)

**June 18, Monday**
ND Roll Call on insideND (inside.nd.edu).
Advance permission required for late roll call. Specific dates and times for roll call in workshops, institutes, and short courses will be supplied by respective program directors.

**June 18, Monday, (7-week classes)**
Classes begin at 8:00 a.m.

**June 22, Friday**
Last date to add regular 7-week summer session classes

**June 26, Tuesday**
Last date to drop regular 7-week summer session classes with full refund

**July 11, Wednesday**
Last date to drop regular 7-week summer session classes

**July 13, Friday**
Latest date for master’s comprehensive examinations and Ph.D. dissertation defenses for graduation in August 2012

**July 20, Friday**
Latest date for applying for admission to candidacy for the doctor’s or master’s degree to be awarded August 2012

**July 20, Friday**
Latest date for presenting completed theses and dissertations in the Graduate School Office for graduation in August 2012

**August 3, Friday (7-week classes)**
Last class day
THE UNIVERSITY AND THE SUMMER SESSION
THE UNIVERSITY

The University of Notre Dame was founded in 1842 by a young priest of a French missionary order, the Congregation of Holy Cross. Edward F. Sorin, C.S.C., started his school in the northern Indiana wilderness with about $300 and three log buildings in bad repair. In 1844, he received a charter from the state legislature.

Father Sorin’s initial educational program adapted the classic liberal arts curriculum to the needs of the frontier. Science entered the curriculum in 1865, and in 1869 a Department of Law was established, now the oldest American law school under Catholic auspices. Engineering was founded in 1873, a graduate program in 1918, and a College of Business Administration in 1921.

Today, the obscure school begun by Father Sorin has become a highly respected center of learning dedicated to the threefold goal of contemporary higher education - teaching, research, and service. From the missionary log chapel used by Notre Dame’s founders, the University has grown into a 1,250-acre campus with more than 100 buildings. The self-sufficiency of the campus, which surrounds two lakes and virtually constitutes a separate civic entity, contributes to the unusual solidarity and spirit of the Notre Dame student body.

The University embodies four undergraduate colleges (arts and letters, science, engineering, and business), the School of Architecture, the Law School, the graduate division of the Mendoza College of Business, and a graduate school offering programs for the master’s and Ph.D. degrees in some specific areas, as well as in interdisciplinary programs such as Irish studies, modern studies, non-English literatures, and the history and philosophy of science.

There are also a number of specialized units within the University, including the Center for Environmental Science and Technology, the Center for Philosophy of Religion, the Erasmus Institute, the Helen Kellogg Institute for International Studies, the Keough Institute for Irish Studies, the Joan B. Kroc Institute for International Peace Studies, the LOBUND Laboratory, the Medieval Institute, the Notre Dame Institute for Church Life, and the Radiation Laboratory. Of particular importance in maintaining a tradition of excellence is the Theodore M. Hesburgh Library, one of the largest university library buildings in the world. The 14-story structure provides study facilities for 2,900 students.

Notre Dame was operated by the Congregation of Holy Cross until May 1967 when, in a historic move, the congregation turned the University over to lay control with the establishment of two principal governing groups: the Fellows of the University and a predominantly lay Board of Trustees. Notre Dame, however, maintains its identity as a Catholic institution.

APPLICATION/COURSE SELECTION

1. Notre Dame Continuing Students. University of Notre Dame continuing students (i.e. students who attended Notre Dame during the spring semester of 2012 and who are eligible to continue their studies during the fall semester) must register for summer session courses using the University’s web registration system. Registration is from Wednesday, March 21 through the course add and drop dates published in this Bulletin. In addition, this information and updates can be viewed by selecting “Summer Class Search” online at summersession.nd.edu.

Course descriptions and the individual course reference numbers (CRNs) required to register are in this Bulletin. In addition, this information and updates can be viewed by selecting “Summer Class Search” online at summersession.nd.edu.

Information regarding on-campus meal plans and housing are available at summersession.nd.edu.

Notre Dame continuing undergraduate students may not register as auditors in any summer session course.

2. Non-Notre Dame/Visiting Summer Students. Students who attend Notre Dame only during the summer (i.e., students visiting from other institutions and persons taking courses for personal enrichment) may apply for courses online. The online application is available on the Notre Dame Summer Session website at summersession.nd.edu.

Once accepted, visiting students may drop or add courses using the University’s web registration system according to the add and drop dates printed with each course. After those add and drop dates, students must use the standard Academic Course Change form available at the department offering the class. Instructions for the web registration system is available on the web at registrar.nd.edu

Student Status. New students seeking the master of arts degree at Notre Dame must complete the Graduate School online application.

Graduate or undergraduate students currently enrolled in degree programs at other institutions should apply as nondegree students. Such applications are for summer courses only and may not be used for admission to Notre Dame baccalaureate degree programs or graduate degree programs offered during the academic year.

Those not currently enrolled in any other college or university should apply as nondegree students. Such applications are for summer session courses only and may not be used for admission to Notre Dame degree programs.

High school students in special pre-college programs and nondegree, undergraduate students working in research laboratories should apply as nondegree students.

Course Selection. This Bulletin of Information serves as a schedule of courses containing specific information about each course [e.g. course number, course reference number (CRN), title, meeting time/days, add/drop deadlines, description]. In addition, this information and updates can be viewed by selecting “Summer Class Search” online at summersession.nd.edu.

Students should use the entire COURSE ID when completing the application. The COURSE ID, which is given at the beginning of each course description, includes a four-digit course reference number (CRN), the subject code (four letters or fewer) followed by a five-digit course number, and a two-digit section number.

Selection of a course is subject to the approval of the department in which it is offered. Official admission to the University for the purpose of taking courses in the summer session is granted only by the director of the summer session. The University reserves the right to withdraw any course without sufficient registration.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
English Language Qualification.
International students whose native language is not English, or who have not completed at least two years of full-time study in an English-speaking university, must submit official score reports from the Test of English as a Foreign Language (TOEFL) showing a score of at least 250 on the computer-based test or a total score of at least 80 on the Internet-based test.

TOEFL is offered several times each year at sites in the United States and abroad. If not available locally, the annual schedules and other information about TOEFL can be obtained from:

- TOEFL Services
  Educational Testing Service
  PO Box 6151
  Princeton, NJ 08541-6151 USA
  Tel.: (609) 771-7100
  (Monday–Friday, 8:00 a.m.–7:45 p.m., New York time)
  Fax: (610) 290-8972
  Website: toefl.org

ND ROLL CALL

ND Roll Call is a required process which gives the University important information about the student and is independent of the application/course selection (registration) process. All students, including Notre Dame continuing students, must complete the ND Roll Call process at the beginning of classes.

ND Roll Call is available on any computer through a web browser. Summer-only students must first obtain a NetID and password by accessing https://accounts.nd.edu/activation. All students who have a NetID may then go through the ND Roll Call process through insideND (inside.nd.edu) by clicking on the “Student Academic” tab. Then, within the “Student Academic Services” channel, click on “ND Roll Call.”

Summer-only students must obtain an identification card when they arrive on campus. Identification cards are available at the Card Services Office in the lower level of the South Dining Hall. Presentation of an identification card is required for admission to special events and for use of the Hesburgh Library, departmental and college libraries, computer clusters, athletic facilities, and University Health Services.

All financial accounts for the summer session and for any previous semester(s) for which there are unpaid charges must be settled by the first class day. This is a pre-condition for maintaining registration and participating in summer session courses.

1. ND Roll Call for the Summer Session.
   Students who have registered for courses that begin during the first week of the summer session (June 18–22) must complete the ND Roll Call process no later than Friday, June 22. Late registration of students for courses that begin during the first week of the session must be authorized by the director of the summer session. Once a student has received authorization for late registration, he or she can verify their attendance by using the ND Roll Call process. No student will be allowed to register for a course after the “add” date published with the course description.

   Any student who has applied for the summer session and has not received official notice of admission, and any student who has not yet applied, must report to the Office of the Summer Session, 300 Grace Hall.

2. ND Roll Call for Special/Short Courses.
   Students who have registered for courses that begin before or after the first week of the summer session (June 18–22) must complete the ND Roll Call process by the first class day. Students need to complete the process only once even if they are taking courses that begin before or after the first week of the summer session.

3. ND Roll Call for Independent Study.
   Students registered for any form of independent study (e.g. special studies courses, directed readings courses, or thesis or dissertation research) may complete the ND Roll Call process as early as Monday, May 21.

ACADEMIC REGULATIONS

In general, the rules and regulations given in the Bulletin of Information, Undergraduate Programs and the Bulletin of Information, The Graduate School apply, respectively, to undergraduate and graduate students during the summer as well as the academic year.

In cases where statements in these Bulletins do not coincide with those in the Summer Session Bulletin, the Undergraduate Bulletin and Graduate School Bulletin will apply during the academic year and the Summer Session Bulletin will apply during the summer.

An example of a difference is the maximum course load allowed during a term, which is lower in the summer session because of the intense nature and rapid pace of summer courses. The summer session is an integral part of the University year, and the courses offered in it are similar in character to courses in the regular year. They are governed by the same academic regulations and have the same credit value.

Course Load and Units of Credit. The unit of credit is the semester hour. By doubling the time of classroom instruction per week, students earn the same amount of credit in a course in the summer session as in a semester course of the academic year. In laboratory and studio courses, two clock-hours count as one class period.

The maximum number of courses that may be taken concurrently during a summer session by students pursuing a Notre Dame undergraduate degree is two. The maximum number of credit hours that may be taken by degree or non-degree students during the summer session is as follows:

- Graduate School: 10
- College of Arts and Letters: 8
- College of Science: 8
- College of Engineering: 8
- Mendoza College of Business: 8
- School of Architecture: 8
- First Year of Studies: 8

Any credit hours over the maximum must be approved by the associate or assistant dean for academic affairs of the student's college. Students pursuing a Notre Dame graduate degree and all nondegree students who wish to take more than the maximum number of courses or credit hours must have the permission of the director of the summer session. To be considered full-time in the summer session, an undergraduate student must register for six or more credit hours.

Correspondence credits are not accepted toward a Notre Dame degree.

Schedule Changes. No seven-week course that begins during the first week of the summer session (June 18–22) may be added after Friday, June 22.

No seven-week course that begins during the first week of the summer session (June 18–22) may be dropped after Wednesday, July 11, for full refund, or
Tuesday, July 26, without a refund, except in cases of serious physical or mental illness.

Courses of fewer or greater than seven weeks must be added or dropped according to the dates specific to each course. Add and drop dates are available in this Bulletin or by selecting “Summer Class Search” online at summersession.nd.edu.

Notre Dame continuing students who have registered for the summer session must use the Web registration system to change their course selections according to the add and drop dates printed with each course. After those dates, all schedule changes (adds or drops) must be made on the standard Academic Course Change form available at the department offering the class.

Non-Notre Dame summer-only students who have registered using the online application for courses may change their course selections by use of the University’s Web registration system through insideND (inside.nd.edu), if these changes are within the add and drop dates printed with each course. Changes after the published drop dates must be made on the standard Academic Course Change form available at the department offering the class.

Summer-only students may access the University’s Web registration system through insideND (inside.nd.edu). After entering the NetID and password obtained at https://accounts.nd.edu/activation, students go to the menu and select “Add or Drop Classes” and then select the term “Summer 2012” for adding or dropping courses. A copy of the new schedule may be obtained by doing a screen print.

All students who change their schedules after Friday, June 22, using the standard Academic Course Change form must secure official approvals for such changes according to the following guidelines:

Schedule changes (adds or drops) requested by students pursuing a Notre Dame undergraduate degree must be approved by the chair of the department in which the course is offered and by the director of the summer session.

Credit/Audit Changes. Notre Dame continuing undergraduate students may not change from credit-seeking to auditor in any summer session course.

Non-Notre Dame summer-only undergraduate students must make credit-hour changes in the Office of the Summer Session, 300 Grace Hall.

Notre Dame continuing and non-Notre Dame, summer-only graduate students must use the Web registration system to make credit-hour changes according to the add dates printed with each course. After those drop dates, credit changes must be made on the standard Academic Course Change form.

All changes from credit-seeking to auditor and from auditor to credit-seeking must be made within the period allowed for adding the course. Students should consult the add dates listed with each course description.

Changes from credit to audit are made in the Office of the Summer Session, 300 Grace Hall.

Class Conduct. At Notre Dame, students are expected to attend class regularly and punctually. At the beginning of the session, the instructor will state the class policy concerning excessive absences and permission to make up work when missed. In all but three exceptional circumstances, the University accords to the student’s instructor the discretion to accept an excuse and permit make-up work. The three exceptional circumstances, which must be verified and approved by the associate vice president for residential life, are serious personal illness, death in the immediate family, and duties performed for the University.

At the discretion of the instructor, a failing grade may be given for excessive absences. A warning in writing stating “further absences will result in a failing grade” must first be given to the student with notice to the student’s dean or the director of the summer session.

Students may assume a class is dismissed if the instructor does not appear within 15 minutes. The instructor who cannot meet with a class will normally provide a substitute.

Discontinuance of Summer Session Courses. Notre Dame undergraduate students, Notre Dame graduate students, and all nondegree students who wish to drop a course can do so by selecting “Add or Drop Classes” through insideND according to the dates displayed with each course. All students wishing to drop the last course on their summer schedule must contact the Office of the Summer Session. These steps are necessary in order to avoid failure in summer session courses and to receive possible financial adjustment.

Refund information specific to discontinuance from summer session courses may be obtained by contacting the Office of Student Accounts.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
### The Undergraduate Grading System.

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Point Value</th>
<th>Description</th>
<th>Explanatory Comments</th>
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<tbody>
<tr>
<td>A</td>
<td>4.000</td>
<td>Truly Exceptional</td>
<td>Work meets or exceeds the highest expectations for the course</td>
</tr>
<tr>
<td>A-</td>
<td>3.667</td>
<td>Outstanding</td>
<td>Superior work in all areas of the course</td>
</tr>
<tr>
<td>B+</td>
<td>3.333</td>
<td>Very Good</td>
<td>Superior work in most areas of the course</td>
</tr>
<tr>
<td>B</td>
<td>3.000</td>
<td>Good</td>
<td>Solid work across the board</td>
</tr>
<tr>
<td>B-</td>
<td>2.667</td>
<td>More than Acceptable</td>
<td>More than acceptable, but falls short of solid work</td>
</tr>
<tr>
<td>Cs</td>
<td>2.333</td>
<td>Acceptable: Meets All Basic Standards</td>
<td>Work meets all the basic requirements and standards for the course</td>
</tr>
<tr>
<td>C</td>
<td>2.000</td>
<td>Acceptable: Meets Most Basic Standards</td>
<td>Work meets most of the basic requirements and standards in several areas</td>
</tr>
<tr>
<td>C-</td>
<td>1.667</td>
<td>Acceptable: Meets Some Basic Standards</td>
<td>While acceptable, work falls short of meeting basic standards in several areas</td>
</tr>
<tr>
<td>D</td>
<td>1.000</td>
<td>Minimally Passing</td>
<td>Work just over the threshold of acceptability</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
<td>Failing</td>
<td>Unacceptable performance</td>
</tr>
<tr>
<td>X</td>
<td>0</td>
<td>Given with the approval of the student's dean in extenuating circumstances beyond the control of the student. It reverts to &quot;F&quot; if not changed within 30 days after the beginning of the next semester in which the student is enrolled.</td>
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<tr>
<td>NR</td>
<td></td>
<td>Not reported</td>
<td>Final grade(s) not reported by the instructor because of extenuating circumstances.</td>
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<tr>
<td>F*</td>
<td></td>
<td>No final grade reported for an individual student.</td>
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</table>

These “descriptions” and “explanatory comments” are intended to be sufficiently general to apply across the University, but obviously have to be “applied” in manners specific to each department.

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<th>Letter Grade</th>
<th>Grades assigned by the registrar; i.e., not to be given by the faculty</th>
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<tbody>
<tr>
<td>W</td>
<td>Discontinued with permission. To secure a “W” the student must have the authorization of the dean.</td>
</tr>
<tr>
<td>NR</td>
<td>Not reported. Final grade(s) not reported by the instructor because of extenuating circumstances.</td>
</tr>
<tr>
<td>F*</td>
<td>No final grade reported for an individual student.</td>
</tr>
</tbody>
</table>

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<tr>
<th>Letter Grade</th>
<th>Grades that may be given but are not included in the computation of the average</th>
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<tr>
<td>P</td>
<td>Pass in a course taken on a Pass-Fail basis. Each junior or senior undergraduate may file with the registrar during the first seven class days of the semester the decision to take one elective course, outside the student’s major department and not required by the student’s program, per semester on a Pass-Fail basis. Such a filing is irrevocable and will result in conversion by the registrar of the instructor’s final grade report into an entry of P (“Pass”) or F (“Fail”) on the student’s record. The instructor will not be informed that the student has elected the pass-fail grading option. The registrar will interpret the final grades of “A” through “D” as “pass,” which is not computed into the grade point average. If a final grade of “F” is issued, it will be computed into the student’s grade point average.</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory work (courses without semester credit hours, as well as research courses, departmental seminars or colloquia or directed studies, workshops; field education and skill courses).</td>
</tr>
<tr>
<td>U</td>
<td>Ununsatisfactory work (courses without semester credit hours, as well as research courses, departmental seminars or colloquia or directed studies; workshops; field education and skill courses).</td>
</tr>
<tr>
<td>V</td>
<td>Auditor (graduate students only).</td>
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If, with the approval of the student's dean, an “X” grade is given in the student's graduating semester, it will revert to “F” if not changed within 30 days from the date of graduation.

### The Graduate School Grading System.

Listed below are graduate grades and the corresponding number of quality points per credit hour.

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>4</td>
</tr>
<tr>
<td>A-</td>
<td>3.667</td>
</tr>
<tr>
<td>B+</td>
<td>3.333</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
</tr>
<tr>
<td>B-</td>
<td>2.667</td>
</tr>
<tr>
<td>C+</td>
<td>2.333</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>0</td>
</tr>
<tr>
<td>NR</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>0–Satisfactory</td>
</tr>
<tr>
<td>U</td>
<td>0–Unsatisfactory</td>
</tr>
<tr>
<td>V</td>
<td>0–Auditor (graduate students only)</td>
</tr>
<tr>
<td>W</td>
<td>0–Discontinued with permission</td>
</tr>
</tbody>
</table>

Quality point values are used to compute the student's GPA. The GPA is the ratio of accumulated earned quality points to the accumulated earned semester credit hours. GPA computation takes into account only those grades earned in Notre Dame graduate courses by students with graduate status at Notre Dame. For courses taken in a department or college in the University, but outside the Graduate School, or taken outside the University, the grade will not be included in the GPA computation.

The grades of C- and D are not awarded in the Graduate School.

A student receives the temporary grade of I when, for acceptable reasons, he or she has not completed the requirements for a 60000- or higher-level graduate course within the semester or summer session. No grade of I can be given for courses below the 60000 level or to graduating students in the final semester or final summer session of a terminal degree program.

The student then must complete the coursework for a grade prior to the beginning of the final examination period of the next semester in which the student is enrolled. If a student receives an I (Incomplete) for a summer session course, he or she must complete the coursework for a grade before the final examination period begins for the next semester or summer session (whichever comes first) in which the student is enrolled.

The University temporarily computes this grade as the equivalent of an F in calculating the GPA. When the student fulfills the
above requirements, the I is replaced by the new grade. Faculty will be given 30 days from the last day of classes to turn in the grade change form to the Graduate School. Should the student not complete the coursework as required, the I will convert to an F on the transcript.

The department and the Graduate School will review a student who receives more than one I in a semester or an I in two or more consecutive semesters, to determine his or her eligibility for continued support and enrollment.

The grades of S and U (Satisfactory and Unsatisfactory) are used in courses without semester credit hours, as well as in research courses, departmental seminars, colloquia, workshops, directed studies, field education, and skills courses. These courses, if given the grade of S, do figure in a student’s earned semester credit-hour total but do not figure in the computation of the GPA. A grade of U will not count toward the student’s earned semester credit-hour total, nor will it figure in the computation of the GPA.

The grade of V (Auditor) has no quality-point value; however, it does have credit and billable hours. It is the only grade available to the registered auditor. The audit must be requested within the period of time for adding a course; the auditor should attend the course throughout the entire semester, and it is made part of his or her permanent record. The grade of V cannot be changed to a credit-earning grade. Information about declaring an audit is posted at registrar.nd.edu/audit.shtml.

The grade of W (Discontinued with Permission) is given for a course that a student is allowed to drop after the midsemester point.

Honors at Graduation. In the undergraduate colleges, a degree will be granted with highest honors (summa cum laude) the student’s grade point average ranks among the top 5,000 percent of those students graduating from the student’s college or school; for a student whose grade-point average ranks among the top 30,000 percent of the student’s college or school, a degree will be granted with honors (cum laude). A student who meets the requirements of more than one category of honors will be awarded only the highest honor for which that student qualifies.

Accreditation and Academic Association. The University of Notre Dame is a member of the North Central Association of Colleges and Secondary Schools, the National Catholic Education Association, the Association of American Colleges, the American Council on Education, the National Commission on Accrediting (not an accrediting agency), the Council of Graduate Schools in the United States, and the Midwest Conference on Graduate Study and Research, and it is fully accredited by the Indiana State Board of Education. The University is also a member of the Indiana Conference of Higher Education, the International Association of Universities, the Catholicarum Universitarum Foederatio (Federation of Catholic Universities) and the Institute of International Education.

Transcripts for currently enrolled students can be requested online via insideND (inside.nd.edu) by clicking on the “Student Academic” tab. Then, within the “Student Academic Services” channel, click on the “Transcript Request” link. Former students can obtain the request form at registrar.nd.edu or in the Office of the Registrar, 300 Grace Hall, Notre Dame, IN 46556.

TUITION, FEES, AND FINANCIAL AID

Tuition and Fees. Tuition and fees for the summer session of 2012 are as follows:

- Undergraduate tuition per semester hour: $877
- Undergraduate tuition for auditing per semester hour: $877
- Graduate tuition per semester hour: $462
- Graduate tuition for auditing per semester hour: $462

Financial Aid. Specific details on student aid programs are contained in the University’s Undergraduate Bulletin and Graduate Bulletin as well as the Office of Financial Aid website. Ordinarily, assistance is given only to students enrolled in a Notre Dame degree program.

INTERNATIONAL STUDENTS

An international student at the University of Notre Dame is any student who is present in the United States on a nonimmigrant visa. This includes anyone who is not a U.S. citizen or U.S. permanent resident. U.S. immigration regulations govern enrollment requirements and restrictions for individuals who are present in the United States in the various visa categories. Non-Notre Dame sponsored summer students and summer-only students must provide accurate information about visa and immigration status during the application process to ensure compliance with the relevant U.S. immigration regulations. Continuing Notre Dame international students present in the United States on F-1 or J-1 visas are permitted to register for the summer session provided that their immigration documents remain valid.

The University of Notre Dame Immigration Services Office verifies and monitors the immigration status of all nonimmigrant visa holders enrolled at the University. Applicants and students may obtain additional information and contact the Immigration Services Office through its website at issa.nd.edu/.

International students at Notre Dame during the summer may participate in summer programs offered by International Student Services & Activities (ISSA). For more information, please see issa.nd.edu/.

HOUSING, LAUNDRY, AND MEALS

A variety of Notre Dame Food Service meal plans may be purchased using forms provided at summersession.nd.edu.

Housing. Students who wish to reserve a room need to apply online. The online application for campus housing is available at insideND (inside.nd.edu) under the “Student Resources” tab, “Housing”, click “Home Under the Dome”. Single- and multi-occupancy rooms are available for
men and women in separate designated residence halls, for undergraduate students. Graduate students may request private-occupancy accommodations. The University is unable to provide housing for spouses or families of summer session students. Both air-conditioned and non-air-conditioned housing is available on a first-come, first-served basis. Non-Air-conditioned housing is not available in the residence halls until the opening of the main summer session, beginning at 3:00 p.m. on Saturday, June 16. Single occupancy is defined as use of one room, even though it may be part of a two- or three-room suite. There are a limited number of single rooms available. Each room is equipped with a bed, dresser, desk and chair, and wardrobe.

Notre Dame prohibits smoking in all buildings and vehicles owned by the University, including all residence halls.

Subject to final approval, the following is a list of housing prices for the summer session of 2012. Summer session housing includes cable internet connections. A local telephone plan for the residence hall room is available on request at an additional charge.

Air-conditioned undergraduate residence halls:
- single-occupancy $225 per week
- multi-occupancy $165 per week

Non-air-conditioned undergraduate residence halls:
- single-occupancy $165 per week
- multi-occupancy $130 per week

Air-conditioned graduate residence halls:
- private-occupancy $325 per week

Bed linens, blankets, and pillows are not provided. Items not provided, as well as toiletry articles and other personal supplies, may be purchased at the University bookstore. Personal property insurance coverage is recommended for all students. For more information, send an Email to housing@nd.edu.

Residence hall check-in is 3:00 p.m. to 9:00 p.m. daily, on the day before a particular program is scheduled to begin. Other commitments of these facilities preclude earlier availability.

Changes in room assignments will not be permitted without the express written permission of the Office of Housing. Rooms will be reserved for the period specified on the summer session housing application form. If cancellation or changes of course or program schedule occur requiring changes in the period of residency, the Office of Housing should be notified immediately in writing.

Requests for early or late arrivals must be submitted, in writing, to the Office of Housing at least 48 hours before arrival or departure.

Students in residence should note that it may not be possible to extend the original period of residency without advance notice. All residents must vacate their rooms within 24 hours after their last class. Housing is not available after 11:00 a.m. on Saturday, August 4.

Students who decide to not attend the summer session, or who decide to live in off-campus housing, must cancel any on-campus housing at least one week in advance of the period specified on the housing application. Because of regular maintenance and special renovation projects, residents can expect work in the residence halls, as well as temporary interruption of utility services.

Summer residence hall life is subject to all rules and regulations pertaining to the University of Notre Dame residence halls as outlined in the student handbook du Lac; the summer housing contract, and as promulgated by the Office of Housing and Student Affairs staff. These can be found at dulac.nd.edu.

Laundry. St. Michael’s Laundry allows summer session students to drop off personal laundry items for drycleaning, wetcleaning, alterations and over-the-counter laundry at our on campus location or at the main plant (north of campus). Please refer to our website for a complete list of services at laundry.nd.edu.

Meal Plans. Week-to-week pre-paid meal plans (which run a Saturday’s breakfast through a Friday’s dinner) are available for use in South Dining Hall, and will be remotely programmed onto your Student ID card, and are only accessible once your valid ID card is in your possession. Please purchase your meal plan in advance of your campus arrival.

To purchase a meal plan, please visit summersession.nd.edu for more information. For additional information, please visit food.nd.edu, or contact Card Services at (574) 631-7814, idcard@nd.edu, or in person in the South Dining Hall, north entrance, on the lower level.

Summer session meals begin May 29, 2012 and end August 2, 2012. The following meal plans may be purchased for any number of weeks. Note: There will be no dinner meal on Friday, June 1, 2012.

- Blue Plan (Up to 21 meals per week/3 meals per day): $168.00 per week
- Gold Plan (Up to 14 meals per week in any combination): $145.00 per week
- Perfect 10 (Up to 10 meals per week in any combination): $115.25 per week
- Perfect 5 (Up to 5 meals per week in any combination): $60.50 per week

Flex Points and Domer Dollars. Purchase Flex Points or Domer Dollars for convenient on-campus food, beverage, and laundry purchases on campus. These are programmed onto your ID card for use during the entire summer session (with or without a Meal Plan) to buy food and beverage by debit at campus restaurants and eateries. Many students supplement Meal Plans with Flex Points to experience a variety of food choices across campus. Once purchased, Flex Points are nonrefundable and unused Flex Points expire after August 3, 2012. Visit food.nd.edu for a complete listing of Food Service locations.

STUDENT ACCOUNTS

Payment Regulations. Student financial accounts should be settled by the first class day. This includes Notre Dame continuing students who owe balances from previous academic year semesters or summer sessions. Statements will be available to students in advance of the summer session, except in cases of late applications. Payment is due upon receipt of the statement. (The University does not accept credit cards.) Payment of tuition and fees in advance may not be construed as acceptance by, or registration in, a particular department or degree program.

Students whose accounts have not been paid in full at the end of the summer session will not receive transcripts or grades. Also, diplomas, professional certificates, transcripts...
UNIVERSITY RULES AND REGULATIONS

Student Life. Students should be aware that the rules, regulations, and disciplinary procedures contained in the current du Lac: A Guide to Student Life apply to all students enrolled in the summer session. These include, but are not limited to, the parietal or visitation rules governing visiting hours in residence halls by members of the opposite sex, and rules applying to alcohol, sexual activity, drugs, damage to University facilities, theft, and violence. Students should consult the current du Lac (available online at dulac.nd.edu) for a complete explanation of these regulations.

Safety Information. The security of all members of the campus community is of paramount concern to the University of Notre Dame. Each year the University publishes an annual report outlining security and safety information and crime statistics for campus. This brochure provides suggestions regarding crime prevention strategies and important policy information about emergency procedures, reporting of crimes, law enforcement services on campus, and information about support services for victims of sexual assault. This brochure also contains information about the University’s policy on alcohol and other drugs, the SafeWalk program, and campus shuttle service.

Traffic and Parking. Students are expected to be familiar with rules established to maintain safe and orderly traffic and parking on University property.

To obtain parking privileges, students must register vehicles at the Parking Office in 119 Hammes–Mowbray Hall immediately upon arrival at Notre Dame. The Parking Office is open from 8:00 a.m. to 4:30 p.m., Monday through Friday. Students who arrive outside these hours should obtain a pass from the Main Gate or the East Gate and then park in an assigned student lot and register the vehicle at the earliest opportunity.

A parking fee is required of all students who register a vehicle, except those who attended the University during the preceding spring semester and paid the parking fee at that time. The summer session parking fee is $42.

Copies of the rules governing parking lots, other parking areas, and fines and penalties, including towing, are available at the Parking Office and will be distributed to students registering a vehicle. Changes in these rules and any special directives concerning parking during the summer session will be posted in residence halls and other campus buildings. For additional information, check the Notre Dame Security Police website, ndsp.nd.edu.

THE HESBURGH LIBRARIES

The Hesburgh Libraries system consists of 9 libraries that house most of the books, journals, manuscripts, and other non-book library materials available on the campus. Currently, the collections contain over 3.3 million volumes, more than 3 million microform units, more than 34,000 electronic titles, and more than 29,000 audiovisual items in support of the teaching and research programs.

Through the Notre Dame website, users have immediate access to the Hesburgh Libraries catalog, an array of electronic periodical indexes and full-text documents, and professionally developed subject guides to local and Internet-based resources. From their computers, users may request individualized reference assistance, place interlibrary loan requests, suggest titles for purchase, and recall or renew charged materials. An electronic reserves module is available, as is an arts and letters document delivery service.

Theodore M. Hesburgh, C.S.C., Library
(574) 631-6258
http://www.library.nd.edu

Architecture Library
117 Bond Hall
(574) 631-6654
http://architecture.library.nd.edu/

Thomas Mahaffey Jr. Business Information Center
Mendoza College of Business
(574) 631-9098
http://bic.library.nd.edu

Chemistry - Physics Library
231 Nieuwland Science Hall
(574) 631-7203
http://chemistry.library.nd.edu/

Engineering Library
149 Fitzpatrick Hall of Engineering
(574) 631-6665
http://engineering.library.nd.edu/

O. Timothy O’Meara Mathematics Library
001 Hayes-Healy Center
(574) 631-7278
http://mathematics.library.nd.edu/

Radiation Chemistry Data Center
105 Radiation Research Building
http://radlab.library.nd.edu/

The Kellogg/KROC Information Center
318 Hesburgh Center for International Studies
(574) 631-8534
http://kkic.library.nd.edu

Art Image Library
110 O’Shaughnessy Hall
(574) 631-4273
http://artimage.library.nd.edu/

Kresge Law Library
Law School Building
(574) 631-7024
http://www.nd.edu/~lawlib/
(Administered as a unit of the Law School)

Julian Samora Library
230 McKenna Hall
(574) 631-4440
http://latinostudies.nd.edu/archives/
(Administered as a unit of the Institute for Latino Studies)

The University maintains a membership in the Center for Research Libraries, which makes available more than five million publications, archives and collections and three
The then University Libraries were elected to the Association of Research Libraries in 1962.

For further information about library facilities and services, call (574) 631-6258, or go to the following website: library.nd.edu/

**UNIVERSITY HEALTH SERVICES**

University Health Services provides primary medical care for undergraduate and graduate students enrolled in the summer session, as well as for participants in authorized programs.

For all summer students, there is no charge for an evaluation by a nurse or physician at the University Health Center in time of illness/injury. Students are responsible for fees associated with diagnostic tests, medications, special procedures, X-rays, or hospitalization.

The University Health Center is located in Saint Liam Hall. The hours of operation are Monday through Friday, 8:00 a.m. to 4:00 p.m.

Written permission for medical treatment of a minor (any person under 18 years) is required from the parent or legal guardian and should be on file at the Student Health Center in order for services to be rendered. After hour urgent care is available at the Medpoint located at 6913 North Main Street, Granger, or at the Emergency Rooms of Memorial Hospital or Saint Joseph Regional Medical Center. Memorial Hospital is located in downtown South Bend. St. Joseph Regional Medical Center is located at 5215 Holy Cross Parkway in Mishawaka.

For a medical emergency, dial 911.

**UNDERGRADUATE COLLEGES**

**Admission Requirements.** Undergraduate students of other schools who wish to take Notre Dame summer courses and transfer credits should apply for admission to the summer session as non-degree students.

Two types of enrollment are offered: the Notre Dame summer session under any classification. A Notre Dame undergraduate or graduate student who has been dismissed from the University because of poor scholarship or for other reasons may not be registered in the Notre Dame summer session under any classification.

For up-to-date summer session information, please visit us online at summersession.nd.edu.

**THE GRADUATE SCHOOL**

**Application for Admission to a Degree Program.** Applicants seeking admission to a graduate degree program must complete the Graduate School’s online application by the deadline specified for that program. For the most current information regarding program admission requirements, the application, or the admission process, see the Graduate School’s website at graduateschool.nd.edu.

Complete details on the Graduate School requirements for master’s and doctoral
degrees are available in the Graduate School Bulletin of Information.

**Graduate Registration.** Full-time Notre Dame graduate students receiving an academic stipend during the summer who are conducting research or departmental duties must be registered for the summer session and complete the ND Roll Call process. If no courses are required, the student should register for a zero credit independent research course.

Any non-degree student registered for fewer than six hours is considered part-time. The normal maximum registration for a graduate student during the summer session is 10 credit hours.

Notre Dame graduate students are not required to register for credit in the summer session in order to have access to University facilities and services, as long as they are enrolled for the spring term and plan to return in the fall. However, students who plan to graduate in August must register for the summer session and complete the ND Roll Call process.

**Additional Information.** For details regarding residency, degree eligibility, credit transfers and other policies, consult the Graduate School’s website at graduateschool.nd.edu or the Graduate School Bulletin of Information.

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**COURSE NUMBERING AND SCHEDULING**

Each course at the University is uniquely identified by a subject code and five-digit course number. The subject code may be from two to four characters and the five-digit course number consists entirely of numbers.

The first digit in the five-digit course number indicates the level of the course.

- **SUBJ OX-XXX** = pre-college course
- **SUBJ 1X-XXX** = freshman-level course
- **SUBJ 2X-XXX** = sophomore-level course
- **SUBJ 3X-XXX** = junior-level course
- **SUBJ 4X-XXX** = senior-level course
- **SUBJ 5X-XXX** = fifth-year senior/advanced undergraduate course
- **SUBJ 6X-XXX** = first-year graduate-level course
- **SUBJ 7X-XXX** = second-year graduate-level course (M.B.A./Law)
- **SUBJ 8X-XXX** = third-year graduate-level course (M.B.A./Law)
- **SUBJ 9X-XXX** = upper-level graduate course

The second digit in the five-digit course number is used to indicate the category of course being taught.

- **SUBJ XO-XXX** = regular classroom course
- **SUBJ X1-XXX** = lab/drill/studio
- **SUBJ X2-XXX** = tutorial/discussion group
- **SUBJ X3-XXX** = seminar
- **SUBJ X4-XXX** = off-campus/study abroad
- **SUBJ X5-XXX** = internship/fieldwork
- **SUBJ X6-XXX** = directed readings
- **SUBJ X7-XXX** = special studies
- **SUBJ X8-XXX** = thesis/research/dissertation
- **SUBJ X9-XXX** = reserved for future use

**Days of the Week Relating to Class Meetings.**

Tuesdays are noted with a “T,” Thursdays with an “R.”
AEROSPACE AND MECHANICAL ENGINEERING

Interim Chair:
Gretar Tryggvason, Ph.D.
Dept. Tel.: (574) 631-5430

General Prerequisite. Non-Notre Dame students taking these courses for credit must provide transcripts from colleges and universities they have attended or are now attending.

AME 48491 01: Undergraduate Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A research project at the undergraduate level under the supervision of a faculty member.

AME 67099 02: Special Studies
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Individual or small group study, research project at the undergraduate level under the supervision of a faculty member in a graduate subject not currently covered by any University course.

AME 67663 02: Advanced MEME Project
Variable credits
6/18 - 8/03
CRN: 2677
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Advanced research project for M.E. M.E. degree

AME 68691 01: Thesis Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course is reserved to provide the required continuing minimal registration of one credit hour per academic semester for nonresident graduate students who wish to retain their degree status.

AME 68697 01: Nonresident Thesis Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: For master’s degree students.

AME 87891 01: Visiting Teacher Special Studies
Variable credits, Morris
6/18 - 8/03
CRN: 2667
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course is reserved to provide the required continuing minimal registration of one credit hour per academic semester for nonresident graduate students.

AME 97099 01: Special Studies
Variable credits, Corke
6/18 - 8/03
CRN: 1167
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Content, credit, and instructor will be announced by the department.

AME 98991 01: Dissertation Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required for candidates for the advanced degree in the research program.

AME 98998 01: Nonresident Dissertation Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Content, credit, and instructor will be announced by the department.

AFST 10401 01: Introduction to Jazz
3 credits, Dwyer
6/18 - 8/03 MTWR 8:55 AM-10:15 AM
CRN: 2955
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A music appreciation course requiring no musical background and no prerequisites. General coverage of the history, various styles, and major performers of jazz, with an emphasis on current practice.

AFST 33701 01: Sociology of Sport
3 credits, Welch
6/18 - 8/03 TR 1:00 PM-3:45 PM
CRN: 3268
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: The primary objective of this course is to examine the nature of sport in American society and the modern world. A variety of topics will be covered, including sociological perspectives on the history of sport, the relationship between sports and the entertainment industry, problems in intercollegiate and professional sports, and other issues. The course should be particularly helpful for students who are interested in careers in athletic administration, sports journalism or broadcasting, coaching, higher education administration, sports and entertainment law, and other aligned fields.

AFST 33704 01: Minority Experience in American Education
3 credits, McKenna
7/09 - 7/27 MTWRF 8:30 AM-11:00 AM
CRN: 4117
Last add date: 7/10
Drop dates: refund, 7/12; last, 7/18
Note: Students should not enroll who have taken CSEM topic: Minority Experiences in American Education. Description: This course explores the implications (past, present, and future) of being a minority in the context of the American education system. Clearly, since not all minority experiences within American education are the same we will explore together what factors impact minority experiences in education. We will examine the social, political,
and cultural contexts of different minority groups and geographic areas of the country with an eye towards the implications these contexts have on education. This class will use literature, art, music, film, non-fiction, and visitors to deepen understanding.

**AFST 40203 01: African-American Civil Rights History**
3 credits, Pierce
6/11 - 7/06 MTWR 8:00 AM-10:00 AM
CRN: 4119
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: There may not be a term in American society as recognized, and yet as misunderstood, as "Civil Rights." Often civil rights are conflated with human rights, even though each are distinct of the other. During the course, we will trace the African-American Civil Rights Movement in the United States during the 20th century, as well as its lasting impact on American society. We will do so using as many media as possible. Fortunately, we will have the opportunity to study an important part of American history in significant detail. The issues we investigate challenge the founding principles of American society to its core.

**ANTH 30190 01: Infancy: Evolution, History and Development**
3 credits, McKenna
6/11 - 7/06 MTWR 12:30 PM-2:30 PM
CRN: 3416
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: Explores aspects of infant biology and socio-emotional development in relationship to western child care practices and parenting. Western pediatric approaches to infancy and parenting are evaluated in light of western cultural history and cross-cultural, human evolutionary and developmental data. A variety of mammals are included as a comparative background to explore the relationships between infant physiology, mental and physical health and contemporary infant care giving concepts.

**ANTH 35310 01: Poverty and Nonprofits**
3 credits, Jindra, Jindra
6/18 - 8/03 MTWR 1:15 PM-2:35 PM
CRN: 4224
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course combines a study of the relationship between poverty, culture, and context, with local field research on poverty and antipoverty agencies in South Bend. The course will attempt to understand the causes of poverty in general and specifically in South Bend, and will study how various local nonprofits attempt to address it by working with those in poverty on an ongoing basis. Through this, we will better understand the controversial issues of culture, behavior change (agency), and the role of nonprofits in dealing with poverty.

**ANTH 35588 01: Archaeology Field School**
3 credits, Schurr
6/11 - 6/29 MTWR 8:30 AM-6:00 PM
CRN: 3073
Last add date: 6/12
Drop dates: refund, 6/14; last, 6/20
Note: Additional fees may apply.
Description: Three weeks of practical instruction in the methods and theory of archaeological survey, excavation and laboratory analysis. Students learn field techniques and apply them to investigations of both prehistoric and historic archaeological materials by working with artifacts collected during the field course. In addition to the basic archaeological techniques the class will introduce modern remote sensing.
Methods, including lessons on how to use a total station (laser transit) and equipment for magnetic and resistivity surveys. Student teams will learn how to operate the geophysical survey instruments and will use the instruments to conduct geomagnetic and soil resistivity surveys of a portion of the archaeological features present, and the field school excavations will be designed to evaluate their theories. There are no prerequisites for this course, but prior exposure to an introductory course in anthropology or archaeology is helpful. In addition to tuition, this course requires payment of a laboratory/transportation fee.

**ANTH 45818 01: NSF-REU Biocultural Research Program**
Variable credits, Sheridan
5/28 - 7/13 MTWRF 10:00 AM-6:00 PM  
CRN: 2546  
Last add date: 6/01  
Drop dates: refund, 6/05; last, 6/20  
Note: Application required. For further information contact: Prof. Susan Sheridan, 637 Flanner Hall, Notre Dame, IN 46556 (574) 631-7670, Sheridan.5@nd.edu or visit the project website at http://www.nd.edu/~nfsbones/nfsbones/Home.html  
Description: This hands-on research course will engage students in an experiential learning environment that immerses them in anthropological method and theory. Using the large Bab edh-Dhra' skeletal collection from Early Bronze Age Jordan as the cornerstone, archaeological and osteological information will be synthesized in a biocultural reconstruction of ancient life near the Dead Sea. Students will conduct original research, share in an active field trip program, and participate in a lecture program delivered by top scholars in the fields of biological anthropology, classics, and Near Eastern studies. Students will develop a suite of methodological skills in the natural and social sciences, explore artifacts and life ways of the study population, delve into the pertinent literature using several world-class libraries, develop skills for collaborative research, and discover the importance of a holistic approach to a fuller understanding of life in the past.

**ANTH 46200 01: Directed Readings - Medical Anthropology**
Variable credits, McKenna
6/18 - 8/03  
CRN: 3052  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Intensive independent readings on a special problem area in medical anthropology about which the student will be expected to produce a detailed annotated bibliography and write a scholarly paper.

**ANTH 46300 02: Directed Readings in Sociocultural Anthropology**
Variable credits, Richman
6/18 - 8/03  
CRN: 3400  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Intensive independent research on a special problem area in sociocultural anthropology about which the student will be expected to produce a detailed annotated bibliography and write a scholarly paper.

**ANTH 46300 01: Directed Research in Archaeology**
Variable credits, Smith
6/18 - 8/03  
CRN: 3863  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Intensive independent research on a special problem area in archaeology, about which the student will be expected to produce a detailed annotated bibliography and write a scholarly paper.

**ANTH 48500 01: Directed Research in Archaeology**
Variable credits, Schurr
6/11 - 6/29  
CRN: 4084  
Last add date: 6/12  
Drop dates: refund, 6/14; last, 6/20  
Description: Intensive independent research on a special problem area in archaeology, about which the student will be expected to produce a detailed annotated bibliography and write a scholarly paper.

**ANTH 65588 01: Archaeology Field School**
3 credits, Schurr
6/11 - 6/29 MTWRF 8:30 AM-6:00 PM  
CRN: 3074  
Last add date: 6/12  
Drop dates: refund, 6/14; last, 6/20  
Note: Additional fees may apply.  
Description: Three weeks of practical instruction in the methods and theory of archaeological survey, excavation and laboratory analysis. Students learn field techniques and apply them to investigations of both prehistoric and historic archaeological materials by working with artifacts collected during the field course. In addition to the basic archaeological techniques the class will introduce modern remote sensing methods, including lessons on how to use a total station (laser transit) and equip-
ment for magnetic and resistivity surveys. Student teams will learn how to operate the geophysical survey instruments and will use the instruments to conduct geomagnetic and soil resistivity surveys of a portion of the archaeological features present, and the field school excavations will be designed to evaluate their theories. There are no prerequisites for this course, but prior exposure to an introductory course in anthropology or archaeology is helpful. In addition to tuition, this course requires payment of a laboratory/transportation fee.

**ANTH 65818 01: NSF-REU Biocultural Research Program**

Variable credits, Sheridan
5/28 - 7/13 MTWRF 10:00 AM-6:00 PM
CRN: 2547

Last add date: 6/01
Drop dates: refund, 6/05; last, 6/20

Note: Application required. For further information contact: Prof. Susan Sheridan, 637 Flanner Hall, Notre Dame, IN 46556 (574) 631-7670, Sheridan.5@nd.edu or visit the project website at http://www.nd.edu/~nsfbones/nsfbones/Home.html

Description: This hands-on research course will engage students in an experiential learning environment that immerses them in anthropological method and theory. Using the large Bab edh-Dhra’ skeletal collection from Early Bronze Age Jordan as the cornerstone, archaeological and osteological information will be synthesized in a biocultural reconstruction of ancient life near the Dead Sea. Students will conduct original research, share in an active field trip program, and participate in a lecture program delivered by top scholars in the fields of biological anthropology, classics, and Near Eastern studies. Students will develop a suite of methodological skills in the natural and social sciences, explore artifacts and life ways of the study population, delve into the pertinent literature using several world-class libraries, develop skills for collaborative research, and discover the importance of a holistic approach to a fuller understanding of life in the past.

**ANTH 68500 01: Directed Research - Archaeology**

Variable credits, Schurr
6/11 - 6/29
CRN: 4039

Last add date: 6/12
Drop dates: refund, 6/14; last, 6/20

Description: Intensive independent research on a special problem area in archaeology about which the student will be expected to produce a detailed annotated bibliography and write a scholarly paper.

**DEPARTMENT OF APPLIED AND COMPUTATIONAL MATHEMATICS AND STATISTICS**

**Chair:**
Steven Buechler, Ph.D.
Dept. Tel.: (574) 631-8630

**The Program of Studies.** The Department of Applied and Computational Mathematics and Statistics (ACMS) supports a collaborative approach to research by preparing and empowering students and faculty with deep domain knowledge in mathematics and statistics to apply their expertise in a variety of fields, which opens opportunities to transcend traditional disciplinary boundaries to impact critical problems in the natural and social sciences, technology, and beyond.

Students may pursue undergraduate or graduate degrees in ACMS; both offer the chance to work with interdisciplinary research teams that push the edges of innovation—projects like Clinical Prognostic Test for Metastasis in Breast Cancer, Integrating Multiscale Modeling and in vivo Experiments for Studying Blood Clot Development, and Multiscale Stochastic Model of Bruising.

**ACMS 20340 01: Statistics for Life Sciences**

3 credits
6/18 - 8/03 MTWR 8:20 AM - 9:50 AM
CRN: 4249

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11

Description: An introduction to the principles of statistical inference following a brief introduction to probability theory. This course does not count as a science or mathematics elective for mathematics majors.

**ACMS 46800 01: Directed Readings**

Variable credits
6/18 - 8/03
CRN varies with instructor

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11

Description: Readings not covered in the curriculum which relate to the student’s area of interest.

**ACMS 88900 01: Research & Dissertation**

Variable credits
6/18 - 8/03
CRN varies with instructor

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11

Description: Research and dissertation for resident graduate students.

**ACMS 98900 01: Nonresident Dissertation Research**

1 credit

For up-to-date summer session information, please visit us online at summersession.nd.edu.
ART HISTORY COURSES

ARHI 45310 01: Art History Internship
Variable credits, Barber
6/18 - 8/03
CRN: 3264
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course provides an opportunity for the art history student to earn credit through an internship with a museum, a gallery, or an auction house.

ARHI 66372 01: Directed Readings-Ren/Baroque
Variable credits, Coleman
6/18 - 8/03
CRN: 3395
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Specialized reading related to the study of Renaissance/Baroque art history under the direction of an individual faculty member.

ARHI 66372 03: Directed Readings-Ren/Baroque
Variable credits, Rosenberg
6/18 - 8/03
CRN: 3399
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Specialized reading related to the study of Renaissance/Baroque art history under the direction of an individual faculty member.

ART, ART HISTORY, AND DESIGN

Chair:
Charles E. Barber, Ph.D.
Dept. Tel.: (574) 631-7602

The Program of Studies. The summer program in art offers undergraduate level courses leading to the bachelor of arts (B.A.) and the bachelor of fine arts (B.F.A.) degrees, and graduate level courses leading to the master of fine arts (M.F.A.) and the master of arts (M.A.) degrees. Students seeking degrees in the summer session are not able to earn the degrees solely by summer attendance. All courses taken in the summer session are fully applicable toward the academic year graduate and undergraduate degree programs.

ARCHITECTURE

Dean:
Michael Lykoudis, M.Arch
Dept. Tel.: (574) 631-6137

ARCH 61011 01: Introduction to Architectural Representation
0 credits, Hoyt
7/30 - 8/17 MTWRF 9:00 AM-5:00 PM
CRN: 2681
Last add date: 7/31
Drop dates: refund, 8/02; last, 8/08
Description: Instruction in the techniques of traditional architectural drawing and presentation. Required of all incoming graduate students, except by special arrangement.

DESIGN COURSES

DESN 11100 01: 2-D Foundations
3 credits, Sherman
6/18 - 8/03 MTWR 8:55 AM-11:20 AM
CRN: 4072
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course deals with fundamentals of two-dimensional design and is intended for students entering studio practice for the first time. The course is also open to more advanced students who wish to increase their knowledge of the elements and principles of design. The course is project-oriented. Studio practice in the basic principles of design employing color theory, form, and space organization, as well as materials and processes used in the design process, are emphasized. Lab fee.

DESN 47171 01: Special Studies--Graphic Design
Variable credits, Sedlack
6/18 - 8/03
CRN: 2960
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Course is not open to students taking ART 47171 01: Special Studies--Graphic Design.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
ARTS AND LETTERS NONDEPARTMENTAL

Drop dates: refund, 6/26; last, 7/11
Description: Independent study in graphic design: research or creative projects.

**DESN 47371 01: Special Studies-Internship**
3 credits, Barber
6/18 - 8/03
CRN: 2721
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Permission required.
Independent study in design.

### STUDIO COURSES

**ARST 11201 01: Drawing I**
3 credits, Zorn
7/09 - 8/03 MTWRF 1:30 PM-6:00 PM
CRN: 3110
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: This course deals with form depiction in its many aspects and modes and is intended for beginning students as well as advanced students who need additional experience in drawing. Lab fee.

**ARST 11601 01: 3-D Foundations**
3 credits, Krueger
6/11 - 7/06 MTWRF 8:30 AM-1:00 PM
CRN: 3111
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: This required core course for all art majors introduces the student to three-dimensional art by producing sculptures (both figurative and abstract) in a variety of media. Contemporary movements in sculpture are examined through slide lectures and attendance at visiting artist lectures and visits to exhibitions. Materials fee.

**ARST 21101 01: Ceramics I**
3 credits, Hartwig
6/18 - 8/03 MTWR 6:30 PM-9:00 PM
CRN: 2952
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course examines basic techniques of wheel-thrown and hand-built clay structures for sculpture and pottery.

**ARST 21401 01: Photography I**
3 credits, Romaniko
6/11 - 7/06 MTWRF 1:30 PM-6:00 PM
CRN: 4073
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: BA Core Option/BFA Core.

This course is an introduction to the theory and practice of still photography. It is designed for all students interested in developing their photographic skills and serves as the entry-level sequence for the photo major in studio art. The course will focus on the use of digital cameras, film scanning and high quality inkjet printing. Presentations cover historical and contemporary approaches to the medium. Creative assignments encourage students to begin discovering their individual strengths and interests in the medium. A digital SLR with manual focus and exposure controls or an optional 35mm film camera is required. Film will be scanned and converted to digital files. Software is taught on the Apple platform. Lab fee.

**ARST 45310 01: Art Studio Internship**
Variable credits, Barber
6/18 - 8/03
CRN: 3840
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Permission required. This course provides an opportunity for the art studio major to earn credit for an approved studio art experience.

**ARST 67171 01: Special Studies - Ceramics**
Variable credits, Hartwig
6/18 - 8/03
CRN: 3865
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Independent study in ceramics: research or creative projects. Open to graduate students with permission of the instructor.

**ARST 78706 01: Nonresident Thesis Research**
1 credit, Sedlack
6/18 - 8/03
CRN: 1249
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of all nonresident students pursuing dissertation research in residence.

**ARST 78708 01: Thesis Direction**
Variable credits, Sedlack
6/18 - 8/03
CRN: 2241
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Independent research and writing on an approved subject under the direction of a faculty member. Required of candidates for the M.F.A. in art studio.

**ARST 78719 01: Directed Readings**
3 credits, Preacher, 6/18 - 8/03
CRN: 3414
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Students pursue an individual reading program on a topic not available in a regular class, designed with and supervised by a member of the faculty, leading to the production of oral and written reports reflecting deeper theoretical and empirical understanding.

**ARST 45999 01: Summer Internship**
Variable credits, Preacher
6/18 - 8/03
CRN: 4150
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Credit toward graduation for up to two internships is available for Arts and Letters students upon approval by a dean in the Office for Undergraduate Studies. Students are required to provide a goals and objectives statement and to obtain a letter of offer for the internship in advance of beginning the internship, to keep a daily journal reflecting deeper theoretical and empirical understanding.

**AL 36000 01: Directed Readings**
3 credits, Preacher, 6/18 - 8/03
CRN: 3414
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Independent study in graphic design: research or creative projects. Open to digital SLR with manual focus and exposure controls or an optional 35mm film camera is required. Film will be scanned and converted to digital files. Software is taught on the Apple platform. Lab fee.

**AL 45999 01: Summer Internship**
Variable credits, Toumayan
6/18 - 8/03
CRN: 4151
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Credit toward graduation for up to two internships is available for Arts and Letters students upon approval by a dean in the Office for Undergraduate Studies. Students are required to provide a goals and objectives statement and to obtain a letter of offer for the internship in advance of beginning the internship, to keep a daily journal reflecting deeper theoretical and empirical understanding.

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ecosystem levels. The influence of cultural
observed at the population, community, and
a discussion of ecological principles as
overview of the theory of evolution and
have upon the future evolution of life on
upon today's ecological and environmental
Description: Emphasis will be placed
Drop dates: refund, 6/26; last, 7/11
Last add date: 6/22
CRN: 3017
3 credits, Olsen
BIOS 10107 01: Ecology and Environmental Issues
3 credits, Olsen
6/18 - 8/03 MTWR 10:30 AM-11:50 AM
CRN: 3017
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Emphasis will be placed
upon today's ecological and environmental
problems and the possible effect they may
have upon the future evolution of life on
Earth. Topics will generally include an
overview of the theory of evolution and
a discussion of ecological principles as
observed at the population, community, and
ecosystem levels. The influence of cultural
and political factors will also be discussed.
Each academic year, one or more sections
will be offered; some may be individually
subtitled, allowing for one-time presentation
of specific topics within the context of
"environment and evolution" in addition to
multiple-semester presentations of a specific
topic (e.g., Evolutionary Ecology, Freshwater
and Society, Environmental Issues and
Solutions). Summer. This course counts as
general elective credit only for students in the
College of Science.
BIOS 35502 01: Practicum in
Environmental Field Biology East
6 credits, Belovsky, Carson, Cramer, Crowl,
Joern, Michel
5/16 - 7/26
CRN: 2729
Last add date: 6/22
Drop dates: refund, 5/29; last, 6/20
Note: Each student is provided with a $2500
stipend, tuition and expenses. For further
information, write Dr. Gary Belovsky,
Department of Biological Sciences, Notre
Dame, In 46556.
Description: Practical training in aquatic and
environmental biology through lecture and
field experience at the University’s environ-
mental research facility located in northern
Wisconsin and the upper peninsula of
Michigan. Course includes an independent
research project.
BIOS 35503 01: Practicum in
Environmental Biology West
6 credits, Belovsky, Arnold, Klug, Roberts
6/08 - 8/10
CRN: 2730
Last add date: 6/13
Drop dates: refund, 6/20; last, 7/09
Note: Each student is provided with a $2500
stipend, tuition and expenses. For further
information, write Dr. Gary Belovsky,
Department of Biological Sciences, Notre
Dame, In 46556.
Description: This course is designed to give
the student advanced practical laboratory
experience in ecological studies in the grass-
lands and mountains of western Montana
on the Flathead Indian Reservation. The
nine week learning experience consists of one
week modules on grassland ecology, montane
ecology, wildlife ecology, and human ecology
focusing on ancestral Native American
lifeways, and each student conducts an inde-
pendent research project over the remaining
five weeks.
Description: This course provides the opportunity for independent study through readings on specific topics in biological science. Readings are chosen with the advice of the supervising instructor. Students may not register for more than three credits per semester; only two credits per semester may be counted as BIOS elective credits by majors.

BIOS 48499 01: Undergraduate Research
Variable credits, Grimstad
6/18 - 8/03
CRN: 1086
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Note: Instructor approval required.
Description: Research in collaboration with members of the faculty. Evaluation of performance will be accomplished through regular discussions with the faculty member in charge of the course. Enrollment must be completed before the end of the first week each semester. Students may not register for more than three credits per semester; only two credits per semester may be counted as BIOS elective credits by majors.

BIOS 48999 01: Research Experience for Undergraduates
0 credits, Whaley
6/18 - 8/03
CRN: 3397
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This is a zero-credit course for students engaged in independent research or working with a faculty member or a member of the University staff on a special project. Registration requires a brief description of the research or project to be pursued and the permission of the director of the Summer Session. This course is taken as an indication of the student’s status on campus and is meant to allow the registered student to use the University facilities as the Summer Session permits. No course work is required.

BIOS 68599 01: Thesis Direction
Variable credits, Boyd
6/18 - 8/03
CRN: 1716
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A continuation of special topics in the field of interest of individual graduate students.

BIOS 87061 01: Research Experience for Teachers Biological Sciences Workshop
3 credits, Veselik
7/09 - 8/03
CRN: 3418
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: Participating teachers will raise their level of understanding of relevant biology by engaging important topics in a “hands on” way in the workshop. They will be able to transform what they have learned into new curricular materials that will improve the abilities of their students and hopefully stimulate them to consider a career in science. The teaching assistant and mentors will introduce the topics, providing background and initial exercises as necessary, but the goal will be to shift the focus to the teachers who will pose and investigate questions according to their own interests and abilities. The mentors and assistant will serve as catalysts and advisors in the process. Teachers will engage one or more topics of relevant, horizon expanding, biology.

BIOS 88600 01: Non-Resident Thesis Direction
Variable credits, Boyd
6/18 - 8/03
CRN: 1717
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Students away from campus register for one credit hour each semester.

BIOS 98699 01: Research & Dissertation
Variable credits
6/18 - 8/03
CRN varies by instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and dissertation for resident doctoral students.

BIOS 98700 01: Nonresident Dissertation Research
Variable credits, Boyd
6/18 - 8/03
CRN: 1714
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Students away from campus register for one credit hour each semester.

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**MENDOZA COLLEGE OF BUSINESS**

Coordinator:
Samuel S. Gaglio, M.A.
Dept. Tel.: (574) 631-6602

ACCT 20100 01: Accountancy I
3 credits, Hums
6/18 - 8/03 MTWR 8:55 AM-10:15 AM
CRN: 1713
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: An introduction to financial accounting and the accounting profession, with an emphasis on the decision-usefulness of accounting information. The course stresses the relation of accounting to economic activity, organizing information for decision making, the resource acquisition decision, the uses of cash and noncash resources, the accounting for selling and manufacturing activities, and the information needs of multiple owners, lenders and equity holders. A prerequisite of all accountancy and finance courses. Ordinarily taken by business sophomores in the Fall.

ACCT 20200 01: Accountancy II
3 credits, O’Tousa
6/18 - 8/03 MTWR 8:55 AM-10:15 AM
CRN: 3426
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A continuation of the introduction to accounting, with an emphasis on the use of accounting information and analysis for management decision and control. The purpose of the course is the learning of accounting techniques such as budget preparation, cost-volume-profit analysis, variable costing, contribution margins, relevant costing, performance evaluation of business units, transfer pricing and responsibility accounting for the planning, decision making and management control inside an organization. To complete a general knowledge of accounting and its usefulness in financial reporting and control the course also includes an introduction to auditing, attestation, corporate governance and the impact of Sarbanes Oxley Act on business

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organizations, plus an introduction to US taxation for individuals and corporations.

**ACCT 30100 01: Corporate Financial Reporting**
3 credits, Liu
6/18 - 8/03 MTWR 10:30 AM-11:50 AM
CRN: 4100
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This one-semester course is designed for finance majors and others who wish to develop an advanced knowledge of financial reporting in the corporate environment. The course covers financial statement preparation and analyses with a focus on understanding financial accounting information from a user perspective. NOTE: FINANCE MAJORS WISHING TO SIT FOR THE CPA EXAM, PURSUE A MASTERS DEGREE IN ACCOUNTANCY, OR TAKE ADDITIONAL UPPER LEVEL ACCOUNTING COURSES MUST ENROLL IN ACCT 30110 AND ACCT 30120 INSTEAD.

**BACM 30500 01: Conflict Management**
1.5 credits, Collins
6/11 - 7/06 TR 6:30 PM-9:00 PM
CRN: 3072
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: Conflict is a central feature of human behavior on interpersonal, organizational, societal, and international levels. In this course, we explore the psychology of disputes, the nature and sources of conflict, and the ways in which conflict and human emotion can disrupt or make business organizations dysfunctional. As we examine the nature of conflict, we’ll explore behavioral responses and theoretical approaches to it, and offer a wide range of alternatives to working through conflict. This course is highly practical and will offer students an opportunity to apply current research findings as they interactively participate in conflict resolutions.

**BAET 20300 01: Introduction to Business Ethics**
1 credit, McManus Warnell
6/18 - 7/06 TR 12:20 PM-2:25 PM
CRN: 4102
Last add date: 6/19
Drop dates: refund, 6/21; last, 6/27
Description: This course is designed to give the student an introduction to the central questions and fundamental character of ethics and morality. The course is focused on a discussion of ethical theories that can help to guide students’ problem solving in ethical situations they will encounter in business. Ethical dilemmas faced by business people will be integrated into the class for purposes of discussion and analysis.

**BALW 20150 01: Business Law: Contracts and Agency**
3 credits, O’Brien
6/18 - 8/03 MTWR 8:55 AM-10:15 AM
CRN: 2624
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course examines the background of the legal process and the judicial system, torts, contracts and the Uniform Commercial Code and agency law. Required for all BA students.

**BALW 20150 02: Business Law: Contracts and Agency**
3 credits, O’Brien
6/18 - 8/03 MTWR 10:30 AM-11:50 AM
CRN: 4103
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course examines the background of the legal process and the judicial system, torts, contracts and the Uniform Commercial Code and agency law. Required for all BA students.

**BAMG 20100 01: Statistics in Business**
3 credits, Chang
6/18 - 8/03 TR 1:10 PM-3:50 PM
CRN: 2619
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Note: Students registering for this class must have already taken six hours of calculus. Description: Descriptive and inferential statistical techniques in analysis of data, statistical inference and decision-making. Study includes central tendency, probability, hypothesis testing, analysis of variance, regression and correlation.

**BAUG 35500 01: Internship Practicum**
1 credit, Shropshire
6/18 - 8/03
CRN: 3836
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: BAUG 35500 Internship Practicum credits do count towards degree-seeking credits in the Mendoza College of Business.

**FIN 20150 01: Corporate Financial Management**
3 credits, Spiess
6/18 - 8/03 TR 10:20 AM-1:00 PM
CRN: 3427
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: The course provides an in-depth and quantitative examination of the principles of financial decision-making. Students learn the concept of value maximization, mathematics of finance, valuation of financial securities, capital investment evaluation, the estimation of required rates of return, financial statement analysis, and the theory of capital structure.

**FIN 30210 01: Managerial Economics**
3 credits, Leady
6/11 - 7/06 MTWRF 10:30 AM-12:30 PM
CRN: 3417
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: This course provides a coordination of economic theory and managerial practice. Topics covered include: consumer demand, production functions, cost behavior, output determination, and pricing within various market structures.

**FIN 30220 01: Macroeconomic Analysis**
3 credits, Stiver
6/18 - 8/03 MW 1:10 PM-4:00 PM
CRN: 1724
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: The course addresses topics including the goals of economic policy, national income accounting, theory of income determination, the determination and behavior of economic aggregates, such as total output and the price level.

**MGT 20200 01: Principles of Management**
3 credits, Breitz
6/18 - 8/03 MWF 10:30 AM-12:20 PM
CRN: 4105
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A study of the management process, including planning, organizing, staffing, directing, and controlling. Emphasis is placed on executive leadership, organizational behavior, and management theory.
MGT 20600 01: IT Management Applications
3 credits, Ghaseddin
6/18 - 8/03  MWF 8:25 AM-10:15 AM
CRN: 3104
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course will provide an introduction to the world of Information Technology Management. Students will acquire knowledge of IT applications in business processes as well as hands-on use of common IT application tools. Microsoft Excel will be used to structure and solve general business problems, analyze what-if scenarios and solve complex business optimization problems while Microsoft Access will be used to introduce students to database concepts and structure. In addition, students will research and use an online website development tool in order to create a personal website. The capstone project for the course will involve working with team members to integrate acquired knowledge of IT applications in order to solve a complex business problem.

MGT 30220 01: Management Communication
1.5 credits, Collins
7/09 - 8/03  TR 6:30 PM-9:00 PM
CRN: 4101
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: A principal challenge for every manager is to determine what sorts of arguments others will find persuasive. Communication is at the heart of what business is about: writing, speaking, and listening are skills that will permit you to succeed. We will use case studies to examine authentic business problems and we’ll offer coaching, feedback, and peer review to develop the skills that executives, customers, employees, shareholders, the press, and the public find so valuable in a professional manager.

CHEMICAL AND BIOMOLECULAR ENGINEERING

Chair:
Mark J. McCready, Ph.D.
Dept. Tel.: (574) 631-7146

General Prerequisite. Non-Notre Dame students taking these courses for credit must provide transcripts from colleges and universities they have attended or are now attending.

CBE 45490 01: Internship Experience
Variable credits, McCready
6/18 - 8/03
CRN: 1008
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Note: Chemical engineering undergraduate students only with permission of their advisor.
Description: Intended to facilitate internships between Notre Dame and Industry by allowing students to get credit for internship experience.

CBE 48901 01: Undergraduate Research
Variable credits, McCready
6/18 - 8/03
CRN: 2595
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Note: Chair approval required.
Description: A graded research project at the undergraduate level under the supervision of a faculty member. A substantial written document describing the research project, results, and conclusions is required.

CBE 58991 01: Nonresident Thesis Research
1 credit
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

CBE 66697 01: Directed Readings
Variable credits, McCready
6/18 - 8/03
CRN: 1006
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

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CHEMISTRY AND BIOCHEMISTRY

Chair:
Kenneth W. Henderson, Ph.D.

Associate Chair:
Patricia Clark, Ph.D.

Assistant Chair:
Mary Prorok, Ph.D.
Dept. Tel.: (574) 631-7058

CHEM 10172 01: Organic Structure and Reactivity
4 credits, Parise
5/22 - 6/22 MTWRF 10:20 AM-12:15 PM
5/22 - 6/22 F 8:30 AM-10:00 AM
CRN: 2942
Last add date: 5/24
Drop dates: refund, 5/27; last, 6/06
Description: This class, generally taught in the Spring, is the first semester of a two-semester organic chemistry sequence intended for students in biological sciences and pre-professional studies. It is accompanied by laboratory work and by a tutorial section. The course provides a solid foundation in organic structure and bonding, spectroscopy, and Lewis acid/base reactions. These concepts are then applied to understand substitution and elimination reactions with a focus on mechanism and factors governing selectivity. A section of this course, taught in the Fall semester, is intended for chemical engineering students.

CHEM 11172 01: Organic Structure and Reactivity Laboratory
0 credits, Parise, West
5/22 - 6/22 MW 1:30 PM-5:00 PM
CRN: 2943
Last add date: 5/24
Drop dates: refund, 5/27; last, 6/06
Note: Additional fees may apply
Description: Experimental work to accompany CHEM 10172.

CHEM 20273 01: Organic Reactions and Applications
3 credits, Parise
6/25 - 7/27 MTWRF 10:20 AM-12:15 PM
6/25 - 7/27 F 8:30 AM-10:00 AM
CRN: 2944
Last add date: 6/27
Drop dates: refund, 7/01; last, 7/11
Description: A second semester covering the basic principles of organic chemistry, including structure, bonding, physical and chemical properties, reactive intermediates, and reaction mechanisms. Additional emphasis on applications of reactions in synthesis and relationships to biochemical systems and other associated areas of current interest. Intended primarily for pre-professional and biological science majors. This course is generally taken in the Fall semester with the laboratory CHEM 21273. A section is offered in the spring semester for chemical engineering students.

CHEM 21273 01: Organic Reactions and Applications Laboratory
1 credit, Parise, Miller
6/25 - 7/27 MW 1:30 PM-5:00 PM
CRN: 2945
Last add date: 6/27
Drop dates: refund, 7/01; last, 7/11
Description: Experiments to accompany CHEM 20273

CHEM 46497 01: Directed Readings
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Reading and research on specialized topics that are immediately relevant to the student’s interests and not routinely covered in the regular curriculum.

CHEM 48498 01: Undergraduate Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: In-depth study of topics not covered or only briefly covered in other courses. Readings, problems and reports.

CHEM 49800 11: Directed Readings
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Reading and research for master’s students.

CHEM 90697 01: Directed Readings
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and reading for resident doctoral students.

CHEM 98700 01: Nonresident Dissertation Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.

CIVIL ENGINEERING AND GEOLOGICAL SCIENCES

Chair:
Joannes J. Westerink, Ph.D.
Dept. Tel.: (574) 631-5380

General Prerequisite: Non-Notre Dame students taking courses for credit must provide transcripts from colleges and universities they have attended or are now attending.

CIVIL ENGINEERING COURSES

CE 47600 01: Special Studies
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Individual or small group study under the direction of a faculty member in an undergraduate subject not concurrently covered by any University course.

**CE 486000 01: Undergraduate Research**
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and dissertation for nonresident doctoral students

For up-to-date summer session information, please visit us online at summersession.nd.edu.

**GEOLOGICAL SCIENCES COURSES**

**ENVG 486001: Undergraduate Research**
Variable credits
6/18 - 8/03
CRN: 1653
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.

**CLASSICS**

Chair:
Elizabeth Mazurek, Ph.D.
Dept. Tel.: (574) 631-7195

The Program of Studies. The Department of Classics offers courses in introductory and intermediate Greek and Latin, two languages essential for the study of ancient Greek and Roman, Judaic, Early Christian, Medieval, and Byzantine civilizations.

Upon successful completion of Beginning Greek II or Beginning Latin II, students normally enter intermediate Greek (CLGR 20003) or intermediate Latin (CLLA 20003) in the fall semester at Notre Dame. At the intermediate level, students begin reading the New Testament or authors like Homer, Plato, Cicero and Virgil. Upon successful completion of intermediate Greek or intermediate Latin, students are prepared to conduct independent research or enter advanced courses in Greek or Latin literature.

For advanced Latin students, summer courses are also available in Medieval Latin and Latin Paleography.

**GREEK**

**CLGR 10001: Beginning Greek I**
4 credits, Horsting
6/11 - 7/06 MTWRF 8:45 AM-10:45 AM
6/11 - 7/06 MTWRF 11:10 AM-12:30 PM
CRN: 3134
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: This two-semester sequence of courses introduces students to the language of the ancient Greeks for the first time. It emphasizes the fundamentals of ancient Greek grammar and vocabulary, and prepares students to read original Greek texts. An appreciation for ancient Greek culture is also fostered through secondary readings and class discussion.

**CLGR 10002: Beginning Greek II**
4 credits, Horsting
7/09 - 8/03 MTWRF 8:45 AM-10:45 AM
7/09 - 8/03 MTWRF 11:10 AM-12:30 PM
CRN: 3136
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: This two-semester sequence of courses introduces students to the language of the ancient Greeks for the first time. It emphasizes the fundamentals of ancient Greek grammar and vocabulary, and prepares students to read original Greek texts. An appreciation for ancient Greek culture is also fostered through secondary readings and class discussion.

**CLGR 20103: Intermediate Greek**
3 credits, Stanfield
6/18 - 8/03 MTWRF 8:55 AM-10:15 AM
CRN: 2560
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course is taught as a beginning reading and writing course using the first book of Plato’s Republic. The text used provides a grammar review but focuses on facilitating the reading process. At the course’s end students will be functioning independent readers of Greek.
CLASSICS 25

CLGR 60001 01: Beginning Greek I
4 credits, Horsting
6/11 - 7/06 MTWRF 8:45 AM-10:45 AM
6/11 - 7/06 MTWRF 11:10 AM-12:30 PM
CRN: 3135
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: This two-semester sequence of courses introduces graduate students to the language of the ancient Greeks for the first time. It emphasizes the fundamentals of ancient Greek grammar and vocabulary, and prepares students to read original Greek texts. An appreciation for ancient Greek culture is also fostered through secondary readings and class discussion.

CLGR 60002 01: Beginning Greek II
4 credits, Horsting
7/09 - 8/03 MTWRF 8:45 AM-10:45 AM
7/09 - 8/03 MTWRF 11:10 AM-12:30 PM
CRN: 3137
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: This two-semester sequence of courses introduces graduate students to the language of the ancient Greeks for the first time. It emphasizes the fundamentals of ancient Greek grammar and vocabulary, and prepares students to read original Greek texts. An appreciation for ancient Greek culture is also fostered through secondary readings and class discussion.

CLLA 10001 01: Beginning Latin I
4 credits, Clemmons
6/11 - 7/06 MTWRF 8:45 AM-10:45 AM
6/11 - 7/06 MTWRF 11:10 AM-12:30 PM
CRN: 3140
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: This two-semester sequence of courses introduces students to the language of the ancient Romans for the first time. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. An appreciation for ancient Roman culture is also fostered through secondary readings and class discussion.

CLLA 10002 01: Beginning Latin II
4 credits, Clemmons
7/09 - 8/03 MTWRF 8:45 AM-10:45 AM
7/09 - 8/03 MTWRF 11:10 AM-12:30 PM
CRN: 3144
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: This two-semester sequence of courses introduces students to the language of the ancient Romans for the first time. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. An appreciation for ancient Roman culture is also fostered through secondary readings and class discussion.

CLLA 20103 01: Intermediate Latin
3 credits, Krostenko
7/09 - 8/03 MTWRF 9:00 AM-11:00 AM
CRN: 2929
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: This course combines presentation of the remaining essentials of Latin grammar, reinforced through prose composition, with careful reading of Latin authors such as Caesar, Cornelius Nepos, Ovid, and Augustine. The course develops students’ translating skills, introduces methods for studying Latin literature in its historical and cultural contexts, and prepares students for advanced work in Latin language and literature.

CLLA 40116 01: Medieval Latin
3 credits, Mantello
6/18 - 8/03 MWF 10:30 AM-12:20 PM
CRN: 3067
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Note: Additional fees may apply.
Description: This course is an introduction to the study of medieval writing materials and practices and of Latin scripts from antiquity to the early Renaissance. Designed to provide students with the skills necessary to make use of Latin manuscripts in their research, the course will focus on practical exercises in identifying, transcribing, dating and localizing the various scripts. It will be of interest (1) to a wide variety of students whose courses are centered in or touch upon the Middle Ages and who wish to work with unpublished Latin materials of the medieval period; (2) to professional Latinists and other humanists who study the classical tradition and the transmission of texts before the age of printing; and (3) to librarians and others with an interest in manuscripts, diplomata, incunabula, and rare books.

CLLA 60001 01: Beginning Latin I
4 credits, Clemmons
6/11 - 7/06 MTWRF 8:45 AM-10:45 AM
6/11 - 7/06 MTWRF 11:10 AM-12:30 PM
CRN: 3142
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Note: Additional fees may apply.
Description: This two-semester sequence of courses introduces students to the language of the ancient Romans for the first time. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. An appreciation for ancient Roman culture is also fostered through secondary readings and class discussion.

LATIN & MEDIEVAL LATIN

For up-to-date summer session information, please visit us online at summersession.nd.edu.
CLLA 60002 01: Beginning Latin II
4 credits, Clemmons
7/09 - 8/03 MTWRF 8:45 AM-10:45 AM
7/09 - 8/03 MTWRF 11:10 AM-12:30 PM
CRN: 3141
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: This two-semester sequence of courses introduces students to the language of the ancient Romans for the first time. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. An appreciation for ancient Roman culture is also fostered through secondary readings and class discussion.

CLLA 60103 01: Intermediate Latin
3 credits, Krostenko
7/09 - 8/03 MTWRF 9:00 AM-11:00 AM
CRN: 2930
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: This course combines presentation of the remaining essentials of Latin grammar, reinforced through prose composition, with careful reading of Latin authors such as Caesar, Cornelius Nepos, Ovid, and Augustine. The course develops students’ translating skills, introduces methods for studying Latin literature in its historical and cultural contexts, and prepares students for advanced work in Latin language and literature. Graduate students who wish to receive course credit should register under this number.

COMPUTER APPLICATIONS

Coordinator:
Charles R. Crowell, Ph.D.
Dept. Tel.: (574) 631-7615

The Program of Studies. The computer applications sequence is designed for students as a second major only. This major is composed of a cross-disciplinary sequence of courses that:

(1) Allows the opportunity to become familiar with the world of computer technology
(2) Gives working experience in computer languages
(3) Gives substantial programming experience in a number of areas
(4) Increases job opportunities upon graduation.

The sequence is designed to show the relevance of computer technology to human problem solving, and to demonstrate the use of computer applications in traditional areas of humanistic concern and interest.

CAPP 45565 01: Internship
3 credits, Berzai
6/18 - 8/03
CRN: 2252
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This encompasses working with various civic, public or private organizations using acquired computer applications knowledge and skills. Credit is given only if work is done in the Information Systems area of an organization.

CAPP 47567 01: Special Studies
Variable credits, Berzai
6/18 - 8/03
CRN: 1302
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This independent study course involves a programming or development project developed by a student in conjunction with a faculty advisor. Special independent study guidelines and permissions apply to this course that are described in a document available on the CAPP website (www.nd.edu/~capp). CAPP/TBS students only. NOTE: College guidelines apply as well.

COMPUTER SCIENCE
AND ENGINEERING

Chair:
Kevin W. Bowyer, Ph.D.
Dept. Tel.: (574) 631-8320

General Prerequisite. Non-Notre Dame students taking these courses for credit must provide transcripts from colleges and universities they have attended or are now attending.

CSE 48900 01: Undergraduate Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A research project at the undergraduate level under the direction of a CSE faculty member in an undergraduate subject not currently covered by any University course.

CSE 30331 01: Data Structures
3 credits
6/18 - 8/03 MTWRF 10:30 AM-11:35 AM
CRN: 4058
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Fundamental techniques in the design and analysis of non-numerical algorithms and their data structures. Elementary data structures such as lists, stacks, queues; more advanced ones such as priority queues and search trees. Design techniques such as divide-and-conquer. Sorting and searching, and graph algorithms.

CSE 60732 01: C/C++ Programming
3 credits, Bualuan
6/18 - 8/03 MTWRF 11:45 AM-12:55 PM
CRN: 3058
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Top-down analysis and structured programming. Basic analysis of algorithms, algorithm development, implementation and debugging and testing of programs will also be emphasized. Students will write several programs in the C++ language to learn the concepts taught and to acquire experience in solving problems using the UNIX operating system.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>CRN</th>
<th>Last Add Date</th>
<th>Drop Dates (Refund: 6/26; Last: 7/11)</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>CSE 67900 01: Special Studies</td>
<td>Variable credits</td>
<td>6/18 - 8/03</td>
<td>CRN varies with instructor</td>
<td>Last add date: 6/22</td>
<td>Drop dates: refund, 6/26; last, 7/11</td>
<td>This number is reserved for special and/or experimental graduate courses. Content, credit, and instructor will be announced by department.</td>
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<td>CSE 68901 01: Thesis Direction</td>
<td>Variable credits</td>
<td>6/18 - 8/03</td>
<td>CRN: 1647</td>
<td>Last add date: 6/22</td>
<td>Drop dates: refund, 6/26; last, 7/11</td>
<td>Description: This number is reserved for special and/or experimental graduate courses. Content, credit, and instructor will be announced by department.</td>
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<td>CSE 68901 01: Thesis Direction</td>
<td>Variable credits</td>
<td>6/18 - 8/03</td>
<td>CRN: 2640</td>
<td>Last add date: 6/22</td>
<td>Drop dates: refund, 6/26; last, 7/11</td>
<td>Description: Research to satisfy the six credit hours required for the master’s degree.</td>
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<tr>
<td>CSE 68901 01: Nonresident Dissertation Research</td>
<td>1 credit</td>
<td>6/18 - 8/03</td>
<td>CRN: 1646</td>
<td>Last add date: 6/22</td>
<td>Drop dates: refund, 6/26; last, 7/11</td>
<td>Description: Required of nonresident master’s degree students who are completing their theses in absentia and who wish to retain their degree status.</td>
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<tr>
<td>CSE 77900 01: Special Studies</td>
<td>Variable credits</td>
<td>6/18 - 8/03</td>
<td>CRN varies with instructor</td>
<td>Last add date: 6/22</td>
<td>Drop dates: refund, 6/26; last, 7/11</td>
<td>This number is reserved for specialized and/or experimental graduate courses. Content, credit, and instructor will be announced by department.</td>
</tr>
<tr>
<td>CSE 98900 01: Research and Dissertation</td>
<td>Variable credits</td>
<td>6/18 - 8/03</td>
<td>CRN varies with instructor</td>
<td>Last add date: 6/22</td>
<td>Drop dates: refund, 6/26; last, 7/11</td>
<td>Description: Research and dissertation for resident doctoral students.</td>
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<tr>
<td>CSE 98901 07: Research and Dissertation</td>
<td>Variable credits, Madey</td>
<td>6/18 - 8/03</td>
<td>CRN: 2659</td>
<td>Last add date: 6/22</td>
<td>Drop dates: refund, 6/26; last, 7/11</td>
<td>Description: Research and dissertation for resident doctoral students.</td>
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<td>CSE 98995 01: Nonresident Dissertation Research</td>
<td>Variable credits</td>
<td>6/18 - 8/03</td>
<td>CRN varies with instructor</td>
<td>Last add date: 6/22</td>
<td>Drop dates: refund, 6/26; last, 7/11</td>
<td>Description: Research to satisfy the six credit hours required for the master’s degree.</td>
</tr>
</tbody>
</table>

**ECONOMICS**

**Chair:** Richard A. Jensen, Ph.D.  
Dept. Tel.: (574) 631-7698

**The Program of Studies.** The program is designed to provide individual students with as much flexibility as possible in structuring their own program.

**ECON 47495 01: Independent Laboratory Research**  
2 credits, Buckles  
6/18 - 8/03  
CRN: 2825  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Independent study under the direction of a faculty member. Course requirements may include substantial writing as determined by the director. The director will disenroll a student early for failure to meet course requirements. Students who have been disenrolled or who have failed at the end of the first semester are disqualified for Special Studies in the following term.

**ECON 47950 04: Independent Laboratory Research**  
Variable credits, Kim  
6/18 - 8/03  
CRN: 2969  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Independent study under the direction of a faculty member. Course requirements may include substantial writing as determined by the director. The director will disenroll a student early for failure to meet course requirements. Students who have been disenrolled or who have failed at the end of the first semester are disqualified for Special Studies in the following term.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
for a variable number of credit hours.

**ECON 77911 01: Special Topics**  
Variable credits  
6/18 - 8/03  
CRN: 3342  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Individual or small group study under the direction of a faculty member in an undergraduate subject not concurrently covered by any University course.

**EE 48499 01: Undergraduate Research**  
Variable credits  
6/18 - 8/03  
CRN varies with instructor  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: A research project at the undergraduate level under the supervision of a faculty member.

**EE 48999 01: Undergraduate Research Experience**  
0 credits, Fuja  
6/18 - 8/03  
CRN: 3860  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: This is a zero-credit course for students engaged in independent research or working with a faculty member or a member of the University staff on a special project. No course work is required.

**ECON 78901 01: Nonresident Dissertation Research**  
Variable credits  
6/18 - 8/03  
CRN: 3364  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Required of nonresident doctoral students.

**EE 87698 02: Special Studies**  
Variable credits  
6/18 - 8/03  
CRN: 1927  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: This number is reserved for specialized and/or experimental graduate courses. Content, credit, and instructor will be announced by department.

**ECON 77951 01: Research and Dissertation**  
Variable credits  
6/18 - 8/03  
CRN varies with instructor  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

**EE 88600 01: Nonresident Thesis Research**  
1 credit, Fuja  
6/18 - 8/03  
CRN: 1891  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Required of nonresident master’s students who are completing their theses in absentia and who wish to retain their degree status.

**EE 88699 02: Research and Dissertation**  
Variable credits  
6/18 - 8/03  
CRN varies with instructor  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Research and dissertation for resident doctoral students.

**ECON 78911 01: Special Topics**  
Variable credits  
6/18 - 8/03  
CRN: 3364  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.

**ECON 78901 02: Special Studies**  
Variable credits  
6/18 - 8/03  
CRN: 3860  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

**EE 87001 02: Special Studies**  
Variable credits  
6/18 - 8/03  
CRN: 3860  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

**ENGINEERING NONDEPARTMENTAL**

**ELECTRICAL ENGINEERING**

**Chair:**  
Thomas E. Fuja, Ph.D.  
Dept. Tel.: (574) 631-5480

**General Prerequisite:** Non-Notre Dame students taking these courses for credit must provide transcripts from colleges and universities they have attended or are now attending.

**EE 47498 02: Special Studies**  
Variable credits  
6/18 - 8/03  
CRN: 1168  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: A research project at the undergraduate level under the supervision of a faculty member in an undergraduate subject not concurrently covered by any University course.

**EE 48999 01: Undergraduate Research Experience**  
0 credits, Fuja  
6/18 - 8/03  
CRN: 3860  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: A research project at the undergraduate level under the supervision of a faculty member.

**EE 68599 02: Thesis Direction**  
Variable credits  
6/18 - 8/03  
CRN varies with instructor  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Research to satisfy the six credit hours required for the master’s degree.

**EE 68761 01: Summer Research Education for Teachers**  
Variable credits  
6/18 - 8/03  
CRN: 2669  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: This course is intended for high school teachers in order to give them research experience in the area of electrical engineering.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
Description: This is a zero-credit, ungraded course for students engaged in independent research or working with a faculty member or a member of the University staff on a special project. Registration requires a brief description of the research or project to be pursued and the permission of the director of the Summer Session. This course is taken as an indication of the student’s status on campus and is meant to allow the registered student to use the University facilities as the Summer Session permits. No course work is required.

**ENGLISH**

Chair: Valerie Sayers, Ph.D.

Dept. Tel.: (574) 631-7226

Undergraduate Courses. Courses beginning with a “2” or a “4” are open to sophomores, juniors, and seniors and may be applied to literature requirements in the colleges or in the Department of English.

Graduate Courses. Courses beginning with “90” are open to students in any of the M.A. programs, the Ph.D. program, and unclassified graduate students. With the approval of the department, “90” courses may also be taken by advanced undergraduates.

**ENGL 20323 01: The British Novel**
3 credits, Thomas
6/18 - 8/03 TR 9:15 AM-12:00 PM
CRN: 3107
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Here we survey major British novels over a two-century time span, taking stock of key genre developments along the way. Proceeding chronologically, we begin by exploring how conventions of extended “realistic” prose narratives were established in the 1700s. Then we proceed up through the Romantic and Victorian periods, when the British novel reached a high point of social prominence, narrative variety, and sophistication. Finally, looking to the first decades of the 20th century, we see how Modernists fashioned radically new narrative approaches in an effort to move beyond the topical and literary constraints of the Victorian period. Likely readings include: Daniel Defoe, *Moll Flanders*; Mary Shelley, *Frankenstein*; Charlotte Bronte, *Jane Eyre*; Charles Dickens, *Great Expectations*; Bram Stoker, *Dracula*; Virginia Woolf, *Mrs. Dalloway*. Graded work includes short papers, classroom presentations, and a final exam.

**ENGL 47999 01: Special Studies**
Variable credits, Vanden Bossche
6/18 - 8/03
CRN: 1003
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Independent study under the direction of a faculty member.

**ENGL 90110 01: English for Non-native Speakers**
3 credits, Deane-Moran
6/18 - 8/03 MTWR 11:30 AM-1:00 PM
CRN: 3415
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A course designed to improve spoken English of non-native speakers, at the intermediate level, with a specific goal of increasing communication skills for teaching, research, and discussion purposes.

**ENGL 96001 02: Directed Readings**
1 credit, Visconi
6/18 - 8/03
CRN: 2823
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Directed readings for examinations in the doctoral program.

**ENGL 97001 01: Special Studies**
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Topics vary by semester.

**ENGL 98000 01: Nonresident Thesis Research**
1 credit, Visconi
6/18 - 8/03
CRN: 1744
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

**ENGL 98001 01: Thesis Direction**
3 credits
6/18 - 8/03
CRN: 1285
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and writing on an approved subject under the direction of a faculty member.

**FILM, TELEVISION, AND THEATRE**

Chair: James Collins, Ph.D.

Dept. Tel.: (574) 631-7054

The Program of Studies. The Department of Film, Television, and Theatre offers a summer program designed to meet the needs of undergraduates enrolled during the regular academic year who wish to supplement their work. It also welcomes students enrolled at other institutions who seek academic credit at Notre Dame. Graduate students may register for graduate credit by selecting the 50000-level course number attached to 30000- and 40000-level advanced undergraduate courses.

**FTT 20700 01: Introduction to Theatre**
3 credits, Cole
6/18 - 8/03 MTWR 8:55 AM-11:50 AM
CRN: 4082
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: An introductory study of theatre viewed from three perspectives: historical, literary, and contemporary production practices. Students will gain a basic understanding of live theatre performances with
the goal of becoming more objective about their own theatre experiences.

**FTT 30405 01: Introduction to Film and Television Production**
3 credits, Mandell
6/18 - 8/03  MWF 3:10 PM-5:00 PM
CRN: 2616
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: An introductory Summer course in the fundamentals of writing, shooting, editing, and lighting for narrative film and television productions. This is a summer hands-on course emphasizing creativity, aesthetic, and technical expertise. Students learn the many aspects of filmmaking while making short films of their own.
Requirements: Three short digital video assignments, selected readings, and a final exam.

**FTT 40491 01: Entertainment and Arts Law**
3 credits, Wilson
6/18 - 8/03  MW 6:30 PM-9:00 PM
CRN: 2861
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: One of the largest industries in the United States, the entertainment business is heavily intertwined with the law. From contracts to First Amendment issues, from rights of publicity to copyright and trademark issues, both talent and management need to have a working awareness of the legal issues that affect the industry. In this course we will examine these problems in depth using real cases involving well-known (and, in some instances, some not-so-well-known) people, including Aerosmith, Woody Allen, Shirley MacLaine, and Jim Croce, just to name a few. No prior study of the law is required.

**FTT 45999 01: FTT Internship**
Variable credits, Heisler
6/18 - 8/03
CRN: 4083
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Students who successfully complete at least two of the following courses, FTT 30410, FTT 30462 or FTT 30463, may be eligible for an internship at a television station or network, radio station, video production company, film production company or similar media outlet.
Interns must work 10-15 hours per week and compile 150 work hours by the end of the semester (120 hours for the summer session) to obtain three credits. Interns will complete a project, mid-semester progress report and a final evaluation paper. NOTE: This course does not count as an upper level course toward the FTT major.

**FTT 50000 01: How to Teach Film Across the Humanities**
Variable credits, Collins
5/28 - 6/01  MTWRF 9:00 AM-5:00 PM
CRN: 2962
Last add date: 5/28
Drop dates: refund, 5/28; last, 5/30
Note: CRN 2962 Section 01 is for graduate students.
Description: This Summer course is intended for Notre Dame faculty and graduate students who would like to incorporate films into their courses but have hesitated to do so because they have had little or no formal training in film studies. I have designed a week-long intensive course that will solve that problem by exposing seminar participants to the different pedagogical strategies they might use to incorporate films in their courses.

We will begin with a crash-course in close visual analysis because I think that’s the chief source of anxiety. So I’ve got this image up on the wall, what do I do with it? How do I get my students to be analytical about those images? Then we’ll explore the various ways that really productive interdisciplinary study can be achieved through film analysis. How can we use films effectively to pursue aesthetic, political, philosophical, or theological issues? Most importantly, how can we talk about film as a “way of knowing” in what are increasingly visual cultures?

During each morning session, I’ll introduce a variety of approaches through lecture, scene analysis, and short selected readings. We’ll have a screening each day, right after lunch, and then we’ll discuss pragmatic utilization of those methods in our afternoon discussions of the film, focusing on specific applications in courses now being taught or in the process of being developed.

Screenings and discussions in the Browning Cinema in the Performing Arts Center.

**FTT 50505 01: Introduction to Film and Television Production**
3 credits, Mandell
6/18 - 8/03  MWF 3:10 PM-5:00 PM
CRN: 2617
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: An introductory course in the fundamentals of writing, shooting, editing, and lighting for narrative film and video productions. This is a summer hands-on course emphasizing creativity, aesthetic, and technical expertise. Students learn the many aspects of filmmaking while making short films of their own using the new facilities.
HISTORY 31

HIST 30292 01: Christians, Jews, & Muslims in the Middle Ages
3 credits, Whitnah
6/18 - 8/03 MWF 10:30 AM-12:20 PM
CRN: 4153
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Intense belief, fierce controversy, dynamic change, violent conflict, and creative innovation all flourished in religious life during the Middle Ages. Medieval people had a variety of different religious experiences, and students will explore many of those experiences in this class. The goal is to introduce students to the major actors, institutions, texts, and beliefs that emerged in the roughly thousand years between the earliest churches and the renaissance in Western Europe. Major topics will include the growth of monasticism, saints and sanctity, the spread of Islam, ecclesiastical controversy, the development of Jewish mysticism, Crusades, heresy, and persecution. Throughout the semester, students will attempt to understand how different religious groups understood and interacted with each other. There will be lectures to introduce students to key concepts, but the course is oriented around the reading and discussion of primary sources; normally, half of each class period will be spent in discussion of a medieval text. Through this course, students will acquire confidence and expertise in reading primary sources critically and sympathetically, develop the ability to contribute to and profit from vigorous classroom discussions, and advance in critical thinking and writing skills, becoming proficient in identifying an issue, framing a topic, and citing appropriate materials. This course satisfies the university history requirement and is open to all students; no previous knowledge of the topic is required.

HIST 30354 01: Growing Up is Hard to Do: Childhood and Youth in European History
3 credits, Lane
6/18 - 8/03 MWF 1:10 PM-3:00 PM
CRN: 4155
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course explores the lives of children and young people in Europe, from the later middle ages through the present. Students will explore the experience of being young, without neglecting the ways in which adults, including major theorists in the Marie P. DeBartolo Performing Arts Center. Requirements: Three short digital video assignments, selected readings, and a final exam.

FTT 50591 01: Entertainment and Arts Law
3 credits, Wilson
6/18 - 8/03 MW 6:30 PM-9:00 PM
CRN: 2862
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: One of the largest industries in the United States, the entertainment business is heavily intertwined with the law. From contracts to First Amendment issues, from rights of publicity to copyright and trademark issues, both talent and management need to have a working awareness of the legal issues that affect the industry. In this course we will examine these problems in depth using real cases involving well-known (and, in some instances, some not-so-well-known) people, including Aerosmith, Woody Allen, Shirley MacLaine, and Jim Croce, just to name a few. No prior study of the law is required.

GERMAN & RUSSIAN LANGUAGES & LITERATURES

Chair:
Robert E. Norton, Ph.D.
Dept. Tel.: (574) 631-5572

The Department of German and Russian Languages and Literatures offers a full range of courses in both German and Russian, from beginning language to advanced literature and culture, covering everything from traditional literary masterpieces to contemporary studies of society, culture, and history. The course offerings in the Summer term are limited, but details about this department can be found online at http://germanandrussian.nd.edu/.

GE 60501 01: German Graduate Reading
3 credits,
6/18 - 8/03 MTWR 11:00 AM-12:25 PM
CRN: 4156
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Intended as review for graduate students who wish to take the GRE in German. The final examination of the course, if passed, fulfills the requirements of the GRE.

HISTORY

Chair:
Patrick Griffin, Ph.D.
Dept. Tel.: (574) 631-7266

The Program of Studies. The Department of History offers a summer program designed to meet the needs of undergraduates and graduates from Notre Dame and other institutions who wish to supplement their studies. Each regular course listed below counts toward either the University history requirement or the major requirements.

HIST 20600 01: American History from Colonization through Reconstruction
3 credits, Kerckmar
6/18 - 8/03 TR 9:30 AM-12:10 PM
CRN: 4152
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course explores the major forces that shaped social and cultural life in the United States from the earliest period of settlement (ca. 1600), through the Civil War and Reconstruction. It views American history not as a tale of uninterrupted progress, but as a story of hard-fought battles that some won and others lost. Freedom, equality, and democracy for some groups coexisted with oppression, inequality, and exclusion for others. The course therefore focuses on two main questions. First, how did different groups define what concepts like ‘freedom,’ ‘equality,’ and ‘democracy’ meant, and how did they determine to whom these concepts should apply? Second, how was this process of definition shaped by encounters with Indians, Africans, and European immigrants; imperial conflict and revolution; varieties of religious expression; constitutional development; democratization; westward expansion; and sectional divisions that led to the Civil War? The goal is not simply to provide an overview of major conflicts and changes in early America, but to develop students’ ability to critically interpret their meanings and implications, and to help them arrive at their own informed conclusions. This course satisfies the university history requirement and is open to all students; no previous knowledge of the topic is required.

GE 60501 01: German Graduate Reading
3 credits,
6/18 - 8/03 MTWR 11:00 AM-12:25 PM
CRN: 4156
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Intended as review for graduate students who wish to take the GRE in German. The final examination of the course, if passed, fulfills the requirements of the GRE.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
and philosophers, understood childhood and youth. Over the past few decades, historians have debated how much childhood in the past was similar to childhood in our own day. Students will look at some of their questions and the evidence needed to answer those questions. For example, did parents develop strong bonds of attachment to their children? How did high infant and child mortality affect the place of children within the family? What were the effects of strenuous labor, both inside and outside of the home, on children and adolescents? Did medieval children get to play? Furthermore, students will examine the process of growing up. How did children and adolescents become adults? What education and formation did they undergo? Could they choose their future profession, their future social status, or their future spouse? How strong was parental authority? How might growing up be different for the child of a peasant, a baker, a lawyer, a noble lord, and a king? As the course concludes with nineteenth- and twentieth-century topics including child labor, 1960s youth culture, and present-day theories of “emerging adulthood,” students will gain insight into how the experiences of childhood and youth change over centuries, and how they remain the same. This course satisfies the university history requirement and is open to all students; no previous knowledge of the topic is required.

HIST 30856 01: Working in America since 1945
3 credits, Graff
6/18 - 8/03 TR 1:30 PM-4:10 PM
CRN: 4154
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course explores the relationships among and between workers, employers, government policymakers, unions, and social movements since the end of World War II, as well as the ways in which those relationships have shaped and been shaped by American politics and culture more broadly. The United States emerged from the Second World War as the globe’s unequaled economic and political power, and its citizens parlayed that preeminence into a long postwar economic boom that created, however imperfectly, the first truly mass middle-class society in world history. At the heart of that new society was the American labor movement, whose leaders and members ensured that at least some of the heady postwar profits made it into the wallets of workers and their families - and not just the wallets of union members, as working Americans generally experienced great improvement in wages, benefits, and economic opportunity during the quarter-century ending in 1970. During those same years, civil rights activists challenged the historic workplace discrimination that kept African Americans at the bottom of the labor market, confronting the racism of employers, unions, and the government, and inspiring others, primarily Mexican-Americans and women, to broaden the push for equality at the workplace. Since that time, however, Americans have experienced a transformation in the workplace – an erosion of manufacturing and the massive growth of service and government work; a rapid decline in number of union members and power of organized labor; and unresolved conflicts over affirmative action to redress centuries of racial and gender discrimination. Meanwhile, income inequality and wealth disparities have grown every year over the past three decades. What accounts for the decline of organized labor since 1970, and why have the people of the myopic land of milk and honey experienced declining upward mobility and widening gaps between the rich and everyone else? Are these phenomena linked?

HIST 41000 01: History Lab Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Undergraduate students to assist a faculty member’s research project(s) for credit.

HIST 46000 01: Directed Readings in History
Variable credits
6/18 - 8/03
CRN: 3552
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Directed Readings in History facilitates a student’s particularized research project on a historical topic under the guidance of an individual faculty member.

HIST 86000 01: Directed Readings in History
Variable credits,
Appleby
6/18 - 8/03
CRN: 3632
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Directed Readings in History facilitates a student’s reading and analysis of a specialized set of texts under the guidance of an individual faculty member.

HIST 98699 01: Research and Dissertation
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Individual conferences and consultation between the doctoral student writing the dissertation and the dissertation director. Required of students pursuing dissertation research in residence.

HIST 98700 01: Nonresident Dissertation Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Continuing registration for the doctorate beyond 72 credits; required of students not in residence.

HISTORY AND PHILOSOPHY OF SCIENCE

Director:
Katherine Bland, Ph.D.
Program Tel.: (574) 631-5015

Students interested in the graduate lecture courses below will find additional information on the website for the History and Philosophy of Science Summer School Program for Secondary Teachers 2012 at reilly.nd.edu/HPS/Summer/About.aspx.
PH.D. IN LITERATURE

Chair: Joseph A. Buttigieg, Ph.D.
Dept. Tel.: (574) 631-0481

By combining the resources of a broad spectrum of departments, programs, and research institutes at the University of Notre Dame, the Ph.D. in Literature Program provides students with the opportunity to engage in an academic community that values the study of literature in more than one language from transnational, transdisciplinary, and theoretical perspectives. The course offerings in the Summer term are limited, but details about this program can be found online at phdliterature.nd.edu/

LIT 98600 01: Research & Dissertation
Variable credits
6/18 - 8/03
CRN varies with instructor

LIT 98601 01: Nonresident Dissertation Research
Variable credits
6/18 - 8/03
CRN varies with instructor

PROGRAM OF LIBERAL STUDIES

Chair: Gretchen J. Reydams-Schils, Ph.D.
Dept. Tel.: (574) 631-7172

For up-to-date summer session information, please visit us online at summersession.nd.edu.
modern society. Topics include functions, limits, derivatives, and an introduction to integral, with interesting real-life applications throughout. Students are familiarized with the many different interpretations of the derivative as a rate of change, and the integral as a total rate of change. This enables them to learn and practice modeling in a variety of situations from economics the social and the life sciences.

MATH 10260 01: Elements of Calculus II for Business
3 credits
6/18 - 8/03 MTWRF 1:20 PM-3:30 PM
CRN: 1303
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Credit is not given for both MATH 10280 and either of the following courses: MATH 10260 and MATH 10360. For students in business. An introduction to mathematical concepts, techniques, and ideas that are useful in understanding and solving problems that arise in economics and business. Most mathematical concepts are introduced through interesting business problems. Furthermore, by using available computer technology, real-life problems, that may lead to non-trivial computations and graphics are considered. Topics include integration, differential equations, Taylor polynomial approximations, unconstrained and constrained optimization for functions of several variables, probability and statistics, with interesting real-life applications throughout.

MATH 10360 01: Calculus B
4 credits
6/18 - 8/03 MTWRF 1:20 PM-3:30 PM
CRN: 2802
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This is the second course of the two-semester Calculus sequence for Life and Social science majors. Calculus B emphasizes the process of problem solving and application of calculus to the natural sciences, and requires students to think deeper about the concepts covered. Students will acquire basic skills needed for quantitative approach to scientific problems. The course introduces the mathematics needed to study change in a quantity. Topics include integration techniques, application of integrals to physics, geometry and ecology, solution of differential equations and their applications, and Taylor series.

MATH 10560 01: Calculus II
4 credits
6/18 - 8/03 MTWRF 1:20 PM-3:30 PM
CRN: 4248
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: For students in science and engineering. Topics include sets, functions, limits, continuity, derivatives, integrals, and applications. Also covered are transcendental functions and their inverses, infinite sequences and series, parameterized curves in the plane, and polar coordinates.

MATH 20550 01: Calculus III
3.5 credits
6/18 - 8/03 MTWRF 8:45 AM-10:15 AM
CRN: 3435
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A comprehensive treatment of differential and integral calculus of several variables. Topics include space curves, surfaces, functions of several variables, partial derivatives, multiple integrals, line integrals, surface integrals, Stokes theorem, and applications.

MATH 30530 01: Introduction to Probability
3 credits
6/18 - 8/03 MTWRF 1:25 PM-2:40 PM
CRN: 4130
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: An introduction to the theory of probability, with applications to the physical sciences and engineering. Topics include discrete and continuous random variables, conditional probability and independent events, generating functions, special discrete and continuous random variables, laws of large numbers and the central limit theorem. The course emphasizes computations with the standard distributions of probability theory and classical applications of them.

MATH 46800 01: Directed Readings
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Readings not covered in the curriculum which relate to the student’s area of interest.

MATH 86700 01: Directed Readings
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Registration limited to high school teachers participating in the mathematics summer RET program at Notre Dame. Teachers are expected to adapt the more elementary parts of the workshop for use in some of the mathematics courses that they are teaching.

MATH 89900 03: Research and Dissertation
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and dissertation for resident graduate students.

MATH 89900 04: Nonresident Dissertation Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.

MEDIEVAL INSTITUTE

Director:
Olivia Remie Constable, Ph.D.
Dept. Tel.: (574) 631-6603

The Program of Studies. The Medieval Institute, established in 1946, is a center of research and advanced instruction in the culture of the Middle Ages. The institute admits graduate students interested in pursuing the Ph.D. in an interdisciplinary program of medieval studies. Undergraduates may choose to major or minor in medieval studies.
for the study of Latin works composed in the Middle Ages.

**MI 46020 01: Directed Readings-Undergrad**

Variable credits, Constable  
6/18 - 8/03  
CRN: 1275  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Offers advanced undergraduate students a possibility to work closely with a professor in preparing a topic mutually agreed upon.

**MI 60004 01: Medieval Latin**

3 credits, Mantello  
6/18 - 8/03  
CRN: 3068  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Note: Additional fees may apply. The Medieval Academy of America’s Committee on Centers and Regional Associations (CARA) offers two full-tuition scholarships for students taking either Medieval Latin or Paleography for credit through the Medieval Institute at Notre Dame. Application details and eligibility information are available at medieval.nd.edu/summer-study/.  
Description: This course is an introduction to the Latin language and literature of the late antique and medieval periods (ca. AD 200-1500). Designed to move students toward independent work with medieval Latin texts, the course will emphasize the close reading and careful translation of a variety of representative medieval Latin texts and documents with attention to vocabulary and word formation, orthography and pronunciation, morphology and syntax, and prose styles and metrics. The course will provide a review of the principal constructions of classical Latin and an introduction to some of the areas of medieval Latin scholarship, including lexica, bibliographies, great collections and repertories of sources, and reference works for the study of Latin works composed in the Middle Ages.

**MI 60005 01: Paleography**

3 credits, Mantello  
6/18 - 8/03  
CRN: 3070  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Note: Additional fees may apply. The Medieval Academy of America’s Committee on Centers and Regional Associations (CARA) offers two full-tuition scholarships for students taking either Medieval Latin or Paleography for credit through the Medieval Institute at Notre Dame. Application details and eligibility information are available at medieval.nd.edu/summer-study/.

Description: This course examines the three major Abrahamic religions of the medieval West. We will explore the similarities and the differences among the three religions, and consider how they influenced each other and how they distanced and refuted each other. The goal is to investigate the range of ideas concerning the nature of faith and law existing in the Middle Ages and to think about how context-political, social, cultural, and intellectual-informs those ideas. During the semester students will compare important texts from the three major religions, analyze their content, and evaluate the relationships among them. All of our reading will be primary sources, available for purchase at the bookstore or as part of a course pack.

**MI 40004 01: Medieval Latin**

3 credits, Mantello  
6/18 - 8/03  
CRN: 3066  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Note: Additional fees may apply. The Medieval Academy of America’s Committee on Centers and Regional Associations (CARA) offers two full-tuition scholarships for students taking either Medieval Latin or Paleography for credit through the Medieval Institute at Notre Dame. Application details and eligibility information are available at medieval.nd.edu/summer-study/.

Description: This course is an introduction to the Latin language and literature of the late antique and medieval periods (ca. AD 200-1500). Designed to move students toward independent work with medieval Latin texts, the course will emphasize the close reading and careful translation of a variety of representative medieval Latin texts and documents with attention to vocabulary and word formation, orthography and pronunciation, morphology and syntax, and prose styles and metrics. The course will provide a review of the principal constructions of classical Latin and an introduction to some of the areas of medieval Latin scholarship, including lexica, bibliographies, great collections and repertories of sources, and reference works for the study of Latin works composed in the Middle Ages. For up-to-date summer session information, please visit us online at summersession.nd.edu.
to work with their adviser in preparing their dissertation proposal.

MI 88001 01: Resident Dissertation Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

MI 88002 01: Nonresident Dissertation Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

MUSIC

Chair:
Louis MacKenzie, Ph.D.
Dept. Tel.: (574) 631-6211

Music Lessons
The Music Department offers a number of music lesson opportunities during the Summer. A detailed listing of the available lessons can be found online via the Summer Session website at summersession.nd.edu. Please contact the Music Department for additional details. This summer offerings include piano, guitar, organ, harpsichord, jazz piano, cello, harp, string bass, woodwinds, brass, percussion, voice, and jazz guitar.

Course Offerings

MUS 10131 01: Introduction to Jazz
3 credits, Dwyer
6/18 - 8/03 MTWR 8:55 AM-10:15 AM
CRN: 1036
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A music appreciation course requiring no musical background and no prerequisites. General coverage of the significant musicians, styles, and structures of jazz music.

MUS 37900 02: Special Studies
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: An individualized course in directed studies under personal supervision of the teacher.

MUS 67900 02: Special Studies
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Individual study under personal direction of a faculty member.

MUS 68900 02: Thesis Direction
Variable credits
6/18 - 8/03
CRN varies by instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Planning and developing the master’s thesis for M.A. students.

MUS 88002 01: Nonresident Thesis Research
1 credit
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

PHILOSOPHY

Chair:
Richard Cross, Ph.D.
Dept. Tel.: (574) 631-6471

PHIL 20101 01: Introduction to Philosophy
3 credits, Kelsey
6/11 - 7/06 MTWR 12:30 PM-2:30 PM
CRN: 1267
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: A general introduction to philosophy, with emphasis on perennial problems such as the existence of God, human freedom, and moral obligation. The course is also intended to sharpen the student's skills of critical thinking.

PHIL 20214 01: Ancient Wisdom and Modern Love
3 credits, O’Connor
7/09 - 8/03 MTWRF 8:00 AM-9:55 AM
CRN: 4079
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: An examination of contemporary issues of love and friendship from the perspective of ancient philosophy. Course materials range from Plato and Aristotle to Shakespeare and contemporary film.

PHIL 20627 01: Science and Catholicism
3 credits, O’Callaghan
7/09 - 8/03 MTWRF 10:15 AM-12:10 PM
CRN: 4081
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: A historical and philosophical examination of the relations, if there are any, between science and religion with particular reference to the Catholic intellectual tradition. Through the use of historical materials the course will attempt to isolate and examine philosophical difficulties that might be thought to obtain between the claims made by Christian revelation and various scientific theories about features of the world. Emphasis will be placed upon distinctive ways in which the intellectual tradition of the Catholic Church has faced the issues raised. Figures to be considered may include Augustine, Aquinas, Galileo, Bellarmine, Darwin, Huxley, Dawkins, Newman, Leroy, Zahm, LeMaitre, and Hawking, as well as others. Topics to be discussed are Language, Meaning, and Revelation, the Nature of Science, Theory, and Hypothesis, Evolution, the Big Bang, Soul and Body, Creation versus Making, Providence and Chance.

PHIL 20801 01: Philosophy of Religion
3 credits, Cross
6/11 - 7/06 MTWRF 2:45 PM-4:45 PM
CRN: 3010
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: This course introduces some of the key themes in the philosophy of religion (the nature and existence of God, the rationality of theistic faith, the nature of religious language, miracles, immorality, and religious pluralism) by means of a close study of classic texts in the discipline.

PHIL 46497 01: Directed Readings
Variable credits
6/18 - 8/03

For up-to-date summer session information, please visit us online at summersession.nd.edu.
**PHIL 63204 01: German Philosophy in the 20th Century**

3 credit, Hosle
7/02 - 7/20 MTWF 10:15-12:50
CRN: 4170
Last add date: 7/03
Drop dates: refund, 7/05; last, 7/11
Description: The course gives an overview of German philosophy in the course of the twentieth century from its beginnings to the 1980s. It focuses on four of the most influential thinkers (Husserl, Reichenbach, Gehlen and Habermas), who stand for different philosophical schools: phenomenology, logical positivism, philosophical anthropology, and social philosophy. The aim of the course is to understand the driving ideas of German philosophy, which partly distinguish it from French and English philosophy, and also to discuss which of these ideas are still valid.

**PHIL 96697 01: Directed Readings**

Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Readings and discussion of chosen philosophical texts under the personal supervision of a member of the graduate faculty.

**PHIL 98699 01: Research and Dissertation**

Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of students in residence while working on the dissertation. Required to maintain degree candidacy.

**PHYSICS**

**PHYSICS Chair:**
Mitchell R. Wayne, Ph.D.
Dept. Tel.: (574) 631-6386

**PHYS 08699 01: Directed Research:**

- **Particle Physics**
- Variable credits, Wayne, Ruchti
6/18 - 8/03
CRN: 2142
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Note: Students must have a recommendation by their high school physics teacher or science faculty with concurrence from Notre Dame QuarkNet or RET staff.
Description: Directed Research course for high school students combining coverage of topics in particle physics with participation in experimental research in ongoing experiments conducted by particle physics faculty. Students maintain a research logbook and submit a written research summary at the conclusion of the research period.

**PHYS 08798 01: Directed Research in Nuclear Astrophysics**

Variable credits, Wiescher
6/18 - 8/03
CRN: 1010
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Note: Students must have a recommendation by their high school physics teacher or science faculty with concurrence from the Joint Institute for Nuclear Astrophysics.
Description: Directed Research course for high school students combining coverage of topics in nuclear astrophysics with participation in experimental research in ongoing experiments conducted by nuclear astrophysics faculty. Students maintain a research logbook and submit a written research summary at the conclusion of the research period.

**PHYS 30210 01: Physics I**

4 credits, Livingston
5/29 - 6/29 MTWF 10:00 AM-12:10 PM
CRN: 1264
Last add date: 5/31
Drop dates: refund, 6/03; last, 6/13
Note: Students must have taken one year of elementary calculus. Non-Notre Dame students taking this course for credit must provide transcripts from colleges and universities they have attended or are now attending.
Description: The basic principles of mechanics, fluid mechanics, thermal physics, wave motion, and sound. Primarily for students in the life sciences. Laboratory meetings each week.

**PHYS 31210 01: Physics I Laboratory**

0 credits, Livingston
5/29 - 6/29 TR 1:30 PM-3:30 PM
CRN: 2633
Last add date: 5/31
Drop dates: refund, 6/03; last, 6/13
Description: The laboratory is a corequisite for PHYS 30210

**PHYS 31220 01: Physics II Laboratory**

0 credits, Livingston
7/03 - 8/03 TR 1:30 PM-3:30 PM
CRN: 2632
Last add date: 7/05
Drop dates: refund, 7/08; last, 7/18
Description: The laboratory is a corequisite for PHYS 30220

**PHYS 46490 01: Directed Readings**

Variable credits
6/18 - 8/03
CRN: 1312
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Study of topics not covered or only briefly covered in other courses. Readings, problems and reports.

**PHYS 46490 02: Directed Readings**

Variable credits
6/18 - 8/03
CRN: 2683
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Study of topics not covered...
Drop dates: refund, 6/26; last, 7/11

Note: Individuals taking this course must have a minimum of a bachelor’s degree in physics or other physical science, mathematics, or education; recommendation of Notre Dame’s Research Experiences for Teachers (RET) program staff; and concurrence of research advisor.

Description: Directed research course for high school teachers (nondoctoral students) combining coverage of topics in astrophysics with participation in experimental research in ongoing experiments conducted by astrophysics faculty. Students will maintain a research logbook and submit a written research summary at the conclusion of the research period.

PHYS 68399 01: Directed Research in Atomic Physics
Variable credits, Tanner
6/18 - 8/03
CRN: 2144

Last add date: 6/22

Drop dates: refund, 6/26; last, 7/11

Note: Participants must have a minimum of bachelor’s degree in physics or other physical sciences, mathematics, or education; recommendation of Notre Dame’s Research Experiences for Teachers (RET) program staff; and concurrence of research advisor.

Description: Directed research course for high school teachers (nondoctoral students) combining coverage of topics in atomic physics with participation in experimental research in ongoing experiments conducted by atomic physics faculty. Students will maintain a research logbook and submit a written research summary at the conclusion of the research period.

PHYS 68499 01: Directed Research in Biophysics
Variable credits, Toroczkai
6/18 - 8/03
CRN: 2145

Last add date: 6/22

Drop dates: refund, 6/26; last, 7/11

Note: Participants must have a minimum of bachelor’s degree in physics or other physical sciences, mathematics, or education; recommendation of Notre Dame’s Research Experiences for Teachers (RET) program staff; and concurrence of research advisor.

Description: Directed research course for high school teachers (nondoctoral students) combining coverage of topics in biophysics with participation in experimental research in ongoing experiments conducted by biophysics faculty. Students will maintain a research logbook and submit a written research summary at the conclusion of the research period.

PHYS 68599 01: Directed Research in Condensed Matter Physics
Variable credits, Eskildsen
6/18 - 8/03
CRN: 2146

Last add date: 6/22

Drop dates: refund, 6/26; last, 7/11

Note: Participants must have a minimum of bachelor’s degree in physics or other physical sciences, mathematics, or education; recommendation of Notre Dame’s Research Experiences for Teachers (RET) program staff; and concurrence of research advisor.

Description: Directed research course for high school teachers (nondoctoral students) combining coverage of topics in condensed-matter physics with participation in experimental research in ongoing experiments conducted by condensed-matter physics faculty. Students will maintain a research logbook and submit a written research summary at the conclusion of the research period.

PHYS 68699 01: Directed Research in Particle Physics
Variable credits, Ruchti, Wayne
6/18 - 8/03
CRN: 2143

Last add date: 6/22

Drop dates: refund, 6/26; last, 7/11

Note: Participants must have a minimum of bachelor’s degree in physics or other physical sciences, mathematics, or education; recommendation of Notre Dame QuarkNet or Research Experiences for Teachers (RET) program staff; and concurrence of research advisor.

Description: Directed research course for high school teachers (nondoctoral students) combining coverage of topics in particle physics with participation in experimental research in ongoing experiments conducted by particle physics faculty. Students will maintain a research logbook and submit a written research summary at the conclusion of the research period.

PHYS 68798 01: Directed Research in Nuclear Astrophysics
Variable credits, Wiescher
6/18 - 8/03
CRN: 1011

Last add date: 6/22

Drop dates: refund, 6/26; last, 7/11

Note: Participants must have a minimum of bachelor’s degree in physics or other physical sciences, mathematics, or education; recommendation of Notre Dame’s Research Experiences for Teachers (RET) program staff; and concurrence of research advisor.

Description: Directed research course for high school teachers (nondoctoral students) combining coverage of topics in nuclear astrophysics with participation in experimental research in ongoing experiments conducted by nuclear astrophysics faculty. Students will maintain a research logbook and submit a written research summary at the conclusion of the research period.
Note: Participants must have a minimum of bachelor’s degree in physics or other physical sciences, mathematics, or education; recommendation of the Joint Institute for Nuclear Astrophysics program staff; and concurrence of research advisor. Description: Directed research course for high school teachers (nondoctoral students) combining coverage of topics in nuclear astrophysics with participation in experimental research in ongoing experiments conducted by a nuclear astrophysics faculty. Students would maintain a research logbook and submit a written research summary at the conclusion of the research period.

PHYS 77031 01: Review of Fundamental Physics I
3 credits, Newman, Hyder
6/04 - 6/29 MWF 9:00 AM-11:00 AM
CRN: 2804
Last add date: 6/06
Drop dates: refund, 6/08; last, 6/16
Description: Discussions of topics of current interest in physics.

PHYS 77032 01: Review of Fundamental Physics II
3 credits, Eskildsen, Sapirstein
7/09 - 8/03 MWF 9:00 AM-11:00 AM
CRN: 2805
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: Discussion of topics of current interest in physics.

PHYS 98699 01: Research and Dissertation
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and dissertation for resident graduate students.

PHYS 98700 01: Nonresident Dissertation Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.

**POLITICAL SCIENCE**

**Chair:**
Michael Desch, Ph.D.
Dept. Tel.: (574) 631-5189

**The Program of Studies:** The Department of Political Science offers a summer program designed to meet the needs of undergraduate and graduate students enrolled during the regular academic year who wish to supplement their work. It also welcomes students enrolled at other institutions who seek summer credit at Notre Dame.

**POLS 20100 01: Introduction to American Government**
3 credits, Griffin
6/11 - 7/06 MTWF 12:30 PM-2:30 PM
CRN: 4078
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: This course examines the American political system from the point of view of democratic theory. While we will cover the usual range of topics for an introductory course, particular attention will be devoted to understanding whether, or in what ways, the practice of American politics conforms to conventional understandings of democracy. The course thus stresses theoretical understanding and critical appraisal rather than description. No conventional text book will be used; instead, students will be asked to read a series of more challenging books (and some shorter pieces) on individual topics. Course requirements include a substantial paper.

**POLS 30050 0: Politics and the Human Condition**
3 credits, Radcliff
7/09 - 8/03 MTWF 2:45 PM-4:40 PM
CRN: 4080
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: Political and social theorists have long speculated on how the political organization of society affects the quality of human life. This course examines the fundamental question of how political factors affect material and subjective conditions of life. The class utilizes material from philosophy and literature, as well as the emerging social science of subjective well-being. This course fulfills a seminar requirement for the Political Science major.

**POLS 45999 0: Summer Internship**
3 credits, Arroyo
6/18 - 8/03
CRN: 4077
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course offers an opportunity to gain valuable work experience and to build your resume. Students who have secured an unpaid summer internship can apply for academic credit by contacting the Director of Internships. To qualify for credit, internships must have prior approval, must be unpaid, be at least 6 weeks in duration and provide at least 100 hours of work.

**POLS 46902 01: Directed Readings**
Variable credits
6/18 - 8/03
CRN: 1070
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Students on the dean’s list are eligible for independent study on a topic of the student’s choice, under the supervision of a faculty member.

**POLS 46902 02: Directed Readings**
Variable credits
6/18 - 8/03
CRN: 1071
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Students on the dean’s list are eligible for independent study on a topic of the student’s choice, under the supervision of a faculty member.

**POLS 66900 01: Directed Readings**
3 credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Reading and research on specialized topics that are immediately relevant to the student’s interests and not routinely covered in the regular curriculum. Letter grade given.

**POLS 66903 01: Directed Readings**
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Reading and research on specialized topics that are immediately relevant to the student’s interests and not routinely covered in the regular curriculum. Letter grade given.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
relevant to the student’s interests and not routinely covered in the regular curriculum. Satisfactory/Unsatisfactory grade given.

**POLS 67950 01: Examination Preparation**  
Variable credits, Wolbrecht  
6/18 - 8/03  
CRN: 2526  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Preparation for comprehensive examination.

**POLS 78500 01: Field Research**  
Variable credits, Wolbrecht  
6/18 - 8/03  
CRN: 3041  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: This course is for students who are conducting field research, but have not yet defended their prospectus.

**POLS 78599 01: Thesis Direction**  
Variable credits, Wolbrecht  
6/18 - 8/03  
CRN: 2528  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Research and writing on an approved subject under the direction of a faculty member.

**POLS 78600 27: Non-resident Thesis Research**  
Variable credits, Wolbrecht  
6/18 - 8/03  
CRN: 2529  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

**POLS 98500 01: Nonresident Dissertation Research**  
Variable credits, Wolbrecht  
6/18 - 8/03  
CRN: 1616  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

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**PSYCHOLOGY**

**Chair:**  
Daniel Lapsley, Ph.D.  
Director of Graduate Studies:  
James Brockmole, Ph.D.  
Director of Undergraduate Studies:  
Enré Venter, Ph.D.  
Dept. Tel.: (574) 631-6650

**The Program of Studies.** The Department of Psychology offers courses for undergraduate students enrolled during the regular academic year, and for those who wish to earn college credit that can be transferred to other institutions. Opportunities are also provided for research on both the undergraduate and graduate level.

Students who begin a major sequence in psychology or who intend to begin graduate work in psychology at Notre Dame during the summer should consult with the department as soon as possible to plan a course of study suited to their needs and interests.

**PSY 30600 01: Social Psychology**  
3 credits, Venter  
7/09 - 7/24 MTWRF 7:45 AM-9:00 AM  
7/25 - 8/03 MTWRF 8:30 AM-11:00 AM  
CRN: 4193  
Last add date: 7/11  
Drop dates: refund, 7/13; last, 7/21  
Description: An introduction to the major theoretical orientations within the field of experimental social psychology and a survey of the research findings in selected areas such as attitude formation and change, affiliation, interpersonal attraction, and social cognition.

**PSY 43362 01: Understanding Eating Disorders**  
3 credits, Corning  
7/09 - 8/03 MTWRF 8:00 AM-9:55 AM  
CRN: 3474  
Last add date: 7/11  
Drop dates: refund, 7/13; last, 7/21  
Description: In this seminar, we will explore the etiology and treatment of eating disorders. We will first examine biological, psychosocial, and cultural risk factors for the development of the various eating disorders. We then will discuss the strengths and weaknesses of the current diagnostic classification of these disorders as well as related pathologies. Finally, we will critically examine current prevention and treatment efforts, paying particular attention to their underlying theoretical assumptions and empirical evidence of their efficacy.

**PSY 47900 21: Special Studies: Reading and Research**  
3 credits, Carlson  
6/18 - 8/03  
CRN: 2309  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Independent research carried out under supervision of a faculty member. A typewritten report of a research literature or an experimental study is required.

**PSY 60159 01: Advanced Issues in Statistics and Research Design**  
Variable credits, Yuan  
6/18 - 8/03  
CRN: 2117
PSY 61392 01: Practicum Summer  
Variable credits, Monroe  
6/18 - 8/03  
CRN: 3065  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Work with clients individually, in groups, and in field setting as a full-time counseling trainee.

PSY 61394 01: Marital Therapy Practicum  
Variable credits, Smith  
6/18 - 8/03  
CRN: 2387  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Trainees who have successfully completed the Marital Therapy Seminar register for this supervised practicum every semester. They carry cases at the Marital Therapy and Research Clinic.

PSY 63362 01: Understanding Eating Disorders  
3 credits, Corning  
7/09 - 8/03 MTWRF 8:00 AM-9:55 AM  
CRN: 3475  
Last add date: 7/11  
Drop dates: refund, 7/13; last, 7/21  
Description: In this seminar, we will explore the etiology and treatment of eating disorders. We will examine biological, psychosocial, and cultural risk factors for the development of the various eating disorders. We will discuss the strengths and weaknesses of the current diagnostic classification of these disorders as well as related pathologies. Finally, we will critically examine current treatment efforts, paying particular attention to their underlying theoretical assumptions and empirical evidence of their efficacy.

PSY 65395 01: Non Resident Internship in Counseling Psychology  
Variable credits, Monroe  
6/18 - 8/03  
CRN: 3283  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Work with clients individually, in groups, and in field setting as a full-time counseling trainee.

PSY 65395 37: Non Resident Internship in Counseling Psychology  
Variable credits, Pope-Davis  
6/18 - 8/03  
CRN: 3409  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Work with clients individually, in groups, and in field setting as a full-time counseling trainee.

PSY 65396 01: Resident Internship in Counseling Psychology  
Variable credits  
6/18 - 8/03  
CRN: 3281  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Work with clients individually, in groups, and in field setting as a full-time counseling trainee.

PSY 78841 01: Reading/Special Topics  
Variable credits  
6/18 - 8/03  
CRN varies with instructor  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: Topics and prerequisites to be specified by instructor.

PSY 98825 04: Research and Dissertation  
Variable credits  
6/18 - 8/03  
CRN varies with instructor  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: For resident graduate students who have completed all course requirements for the Ph.D.; maximum of 12 hours allowed.

PSY 98826 30: Nonresident Dissertation Research  
Variable credits, Smith  
6/18 - 8/03  
CRN: 3282  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: This research course is meant for non-resident doctoral students.

PSY 98826 37: Nonresident Dissertation Research  
Variable credits, Pope-Davis  
6/18 - 8/03  
CRN: 3412  
Last add date: 6/22  
Drop dates: refund, 6/26; last, 7/11  
Description: This research course is meant for non-resident doctoral students.

The Program of Studies. The Department of Romance Languages and Literatures offers a summer program designed to meet the needs of those enrolled during the regular academic year who wish to supplement their work and those seeking to complete the requirements for the master's degree in French, Italian, or Spanish.

In addition, the department offers Intermediate Spanish I and Intensive Beginning Italian. Students who have completed Spanish 10102 or who have placed into 20201 can complete their language requirement during the summer.

Graduate reading courses in foreign languages are also offered for those graduate students who wish to prepare for the Graduate Reading Examination, or to complete the required reading tests during the summer session.

Undergraduate students should consult the undergraduate director of the department concerning the appropriate course selection, especially when they intend to fulfill a language requirement, or to complete part of a major course of study in modern languages. The department will permit advanced students to take up to three extra hours of credit in “Special Studies” based on individual arrangements with an instructor in the field. Candidates for the master's degree in French or Spanish are expected to take a minimum of 30 credit hours of graduate courses, normally 24 credit hours in their choice field of literature, three credit hours of literary theory, and three credit hours of comparative literature. Reading assistants also take three credit hours of pedagogy. They can complete their coursework during the regular academic year and during the summer session, but not exclusively during the summer session. Students will arrange their individual course of study with the director of Graduate Studies.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
FRENCH

ROFR 46000 01: Directed Readings
3 credits
6/18 - 8/03
CRN: 3403
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Specialized reading related to the student’s area of study.

ROFR 63050 01: French Graduate Reading
3 credits, Toumayan
6/18 - 8/03 MTWRF 9:15 AM-10:20 AM
CRN: 1155
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A course designed to prepare students for the Graduate Reading Examination. No prerequisites. Open to undergraduate students by permission of the chair.

ROFR 63050 02: French Graduate Reading
3 credits, MacKenzie
6/18 - 8/03 MTWRF 9:15 AM-10:20 AM
CRN: 2792
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: A course designed to prepare students for the Graduate Reading Examination. No prerequisites. Open to undergraduate students by permission of the chair.

ROFR 66000 01: Directed Readings
3 credits
6/18 - 8/03
CRN: 1083
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Specialized reading related to the student’s area of study.

ROFR 66000 02: Directed Readings
Variable credits
6/18 - 8/03
CRN: 3038
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Specialized reading related to the student’s area of study.

ROFR 67000 01: Special Studies
Variable credits
6/18 - 8/03
CRN: 3341
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Topics vary by semester.

ROFR 78599 01: Thesis Direction
Variable credits
6/18 - 8/03
CRN: 2639
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: For students doing thesis work for a research master’s degree.

ITALIAN

ROIT 10115 01: Intensive Beginning Italian for Study Abroad
6 credits, Vivirito
6/18 - 8/03 MTWRF 9:15 AM-11:35 AM
CRN: 3119
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course covers the material of ROIT 10101 and 10102 in one semester with classes five days per week. Equal emphasis is placed on spoken and written Italian. ROIT 10115 counts as two courses and may be taken in conjunction with ROIT 20201 or ROIT 20215 to fulfill the language requirement. This course is designed for motivated students and is especially useful for those planning to study abroad.

ROIT 60115 01: Intensive Beginning Italian
6 credits, Vivirito
6/18 - 8/03 MTWRF 9:15 AM-11:35 AM
CRN: 3402
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course covers the material of ROIT 10101 and 10102 in one semester with classes five days per week. Equal emphasis is placed on spoken and written Italian. ROIT 10115 counts as two courses and may be taken in conjunction with ROIT 20201 or ROIT 20215 to fulfill the language requirement. This course is designed for highly motivated students and is especially useful for those planning to study abroad.

SPANISH

ROSP 20201 01: Intermediate Spanish I
3 credits, Coloma
7/09 - 8/03 MTWRF 10:15 AM-12:10 PM
CRN: 3118
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Note: Note the following permitted prerequisite: Language Exam Score between 341 and 394.

Description: This is an intermediate second-year language sequence with equal focus on oral and writing skills. It includes a review of basic grammar and then transitions into more difficult features of Spanish. Students learn to discuss and write about Hispanic cultural topics, current events, and literary texts.

ROSP 60201 01: Intermediate Spanish I
3 credits, Coloma
7/09 - 8/03 MTWRF 10:15 AM-12:10 PM
CRN: 3408
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: This is an intermediate second-year language sequence with equal focus on oral and writing skills. It includes a review of basic grammar and then transitions into more difficult features of Spanish. Students learn to discuss and write about Hispanic cultural topics, current events, and literary texts.

ROSP 66000 01: Directed Readings
Variable credits
6/18 - 8/03
CRN: 1007
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Specialized reading related to the student’s area of study.

ROSP 66000 02: Directed Readings
Variable credits
6/18 - 8/03
CRN: 1013
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Specialized reading related to the student’s area of study.

ROSP 76000 01: Directed Readings
3 credits
6/18 - 8/03
CRN: 1259
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Specialized reading related to the student’s area of study.

ROSP 78599 01: Thesis Direction
Variable credits
6/18 - 8/03
CRN: 3846
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: For students doing thesis work for a research master’s degree.
The Program of Studies. In the summer session, the Department of Sociology offers selected courses, described below. The requirements for the undergraduate major in sociology include 25 semester hours.

SOC 10033 01: Introduction to Social Problems
3 credits, Whitnah
6/18 - 8/03  MWR 1:10 PM-3:00 PM
CRN: 3756
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Today’s society is beset by many serious social problems, for example, crime and deviance, drug abuse and addiction, domestic violence, hunger and poverty, and racial/ethnic discrimination. How do we think about these problems in ways that lead to helpful solutions? In what ways does one’s own social background and role in society affect his/her views of these problems? In this course, students will learn to take a sociological perspective not only in examining the causes, consequences, and solutions to some of society’s most troubling social problems, but also in taking a critical look at their own perceptions of the problems.

SOC 10722 01: Introduction to Social Psychology
3 credits, Pirkey
6/18 - 8/03  MTWR 10:30 AM-11:50 AM
CRN: 4066
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: The overarching goal of this class is to provide students with a working knowledge of social psychology and to stimulate an interest in ourselves, the world around us, and the connections between the two. This is a course about how we become who we are - how our personalities (or our selves) are shaped by others, the groups we belong to, the social structures around us, and our interactions as social beings. However, interaction is a process between entities, a two-way street. Hence, it is not only about how the world around us shapes who we are, but also a course about how we shape the groups that we belong to and the social structures around us. May not take SOC 20722 - courses overlap.

SOC 20541 01: Sociology of War and Terror
3 credits, Faegers
6/11 - 7/06  MTWRF 10:15 AM-12:15 PM
CRN: 4070
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: This course offers a broad introduction to the sociology of wars, terror, and communal violence, including their causes, conduct, and consequences. We will consider the basic social forces which impel people to kill and to risk death in the name of their societies, including the relationship of violence to “human nature.” We will survey the manifold characteristics of societies that contribute to and are affected by war and terror: politics; economics; religion; culture; demographics; the environment; gender; race, ethnicity, and nationalism; social movements; and social psychology. We will survey the scope of war and terror throughout social history and pre-history, but will give special attention to the security dilemmas confronting American society. And we will consider alternatives to war and terror and the prospects for transcending the communal violence that has been so much a part of social life for millennia. The format of the course combines lectures, presentations, and discussions. We will draw on both written and visual materials of several kinds. Grades will be based on examinations, brief written work, and participation. (This course requires no background in sociology. It is open to students in any major who are concerned about the occurrence of armed conflict in social life. This course can be counted as a Sociology elective.)

SOC 20722 01: Introduction to Social Psychology
3 credits, Pirkey
6/18 - 8/03  MTWR 10:30 AM-11:50 AM
CRN: 4068

For up-to-date summer session information, please visit us online at summersession.nd.edu.
SOC 30019 01: Sociology of Sport
3 credits, Welch
6/18 - 8/03 TR 1:00 PM-3:45 PM
CRN: 2561
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: The primary objective of this course is to examine the nature of sport in American society and the modern world. A variety of topics will be covered, including sociological perspectives on the history of sport, the relationship between sports and the entertainment industry, problems in intercollegiate and professional sports, and other issues. The course should be particularly helpful for students who are interested in careers in athletic administration, sports journalism or broadcasting, coaching, higher education administration, sports and entertainment law, and other aligned fields.

SOC 30902 01: Methods Sociological Research
3 credits, Williams
6/11 - 7/06 MTWRF 10:15 AM-12:15 PM
CRN: 3123
Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
Description: Sociology 30902 is designed to provide an overview of research methods in the social sciences. Topics covered include (1) hypothesis formulation and theory construction; (2) the measurement of sociological variables; and (3) data collection techniques - experimental, survey, and observational. At the end of the course, students should appreciate both the strengths and the limitations of sociological research methods.

SOC 43512 01: Citizens, Capitalists, and Rulers: The Global Sociology of Discontent
3 credits, Velitchkova
7/09 - 8/03 MTWRF 10:15 AM-12:10 PM
CRN: 4071
Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: From Egypt’s Tahrir Square to Wall Street, citizens are taking their discontent with rulers and capitalists to the streets. This course explores how global, domestic, and personal factors combine to influence street politics. We will build on social movement and collective action theories and on theories of globalization to address the following questions: What are some causes of discontent in today’s world? When does discontent lead citizens to protest? What is the role of social networks and new technologies in contemporary protest movements? When do citizens pursue non-violent or violent tactics and how likely are these tactics to succeed? We will draw insights from movements from each continent.

SOC 46000 01: Directed Readings
Variable credits, Power
6/18 - 8/03
CRN: 2958
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Directed Readings in Sociology offers a student the chance to work closely with a member of the faculty on a topic that is not available through any of the regularly offered courses. This independent study course allows for the student, under the guidance of the faculty mentor, to draw up a reading list and study plan for in-depth reading throughout the semester. The student is responsible for periodic oral and/or written reports and at least one major paper. To qualify for this course, a student must have a GPA of at least 3.5 in Sociology. A formal application is required. Students should have a clear idea of the topic they want to pursue and the faculty member they have asked to direct them before requesting a copy of this form from the Director of Undergraduate Studies. This is a graded course, no exceptions. Department Approval Required. (Before department approval is given, the student must have the application signed by the faculty member, the DUS in Sociology, and an Assistant Dean in the A&L Undergraduate Studies office.)

SOC 76097 01: Directed Readings in Sociology
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Reading and research on highly specialized topics that are immediately relevant to the student’s interests and that are not routinely covered in the regular curriculum.

SOC 78599 01: Thesis Direction
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Reserved for the six-credit-hour thesis requirement of the master’s degree.

SOC 78600 01: Nonresident Thesis Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: For non-resident graduate students who have completed all course requirements for the Ph.D.

SOC 98699 01: Research and Dissertation
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: For resident graduate students who have completed all course requirements for the Ph.D.

SOC 98700 01: Nonresident Dissertation Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: For non-resident graduate students who have completed all course requirements for the Ph.D.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
Theology students may take courses during consecutive summer sessions. Summer M.A. hour degree, consisting of classes in the M.A. (Theology) degree is a 42-credit transcript. Applicants must have a cumulative GRE verbal and quantitative sections, or 4/6 in the new analytic section, and at least two 3-credit courses in analytic sections or 4/6 in the new analytic section or 4/6 in the new analytic section.

In the summer session, the Department of Theology offers courses for undergraduate and graduate students, including a program leading to the master of arts degree. Non-degree students are welcome.

THE MASTER OF ARTS PROGRAM

The M.A. (Theology) degree is a terminal degree for individuals who desire advanced theological training. Graduates of this program should be able to serve as theological resources in a variety of settings. Recipients of this degree will have received instruction in the classical areas of theological inquiry while acquiring a level of expertise in one.

The M.A. (Theology) degree program seeks to serve the following constituencies: those teaching theology at the high school level, those seeking to serve the church or diocese in an enhanced capacity, those seeking theological training to augment their work in other professional contexts (i.e., hospitals, social work, etc.), and those desiring personal enrichment.

Those seeking to do further doctoral work in theology are encouraged to apply to the M.T.S. degree program.

Applicants must have a cumulative GRE score of 1000 or better in both the verbal and analytic sections or 4/6 in the new analytic section, and at least two 3-credit courses in theology or religious studies on their official transcript.

Program Description

The M.A. (Theology) degree is a 42-credit-hour degree, consisting of classes in consecutive summer sessions. Summer M.A. (Theology) students may take courses during the academic year for credit toward their degree. However, no academic-year tuition scholarships will be provided for such work.

There are six areas of concentration for the M.A. in theology: biblical studies, history of Christianity, liturgical studies, moral theology, spirituality, and systematic theology. Apart from liturgical studies, an area of concentration is normally constituted by six courses in the area of concentration, one course each in five other areas, and three free electives.

The liturgical studies concentration includes 21 credits of basic requirements: liturgical history, liturgical theology, ritual studies, Eucharist, Christian initiation, liturgical prayer, and liturgical year. Students in liturgical studies will also pursue one course each in five other areas (15 credits), and two free elective (6 credits). Under normal circumstances, new degree-seeking students should plan on attending the first module in their first summer of residence. This will allow students to liturgical studies to take Liturgical History, Liturgical Prayer, Liturgical Theology, or Liturgical Year.

Those needing a more general and flexible program of studies may pursue a general M.A., in which the course of study is worked out in consultation with the director of the M.A. program or an area advisor, with the sole requirement being at least one course in each area of study. This may be of particular interest to those teaching theology in high school who wish to use the summer M.A. to enhance their effectiveness in teaching a number of different areas.

Prerequisites for Admission

1. A bachelor’s degree
2. At least 6 hours of coursework in theology or religious studies
3. All applicable transcripts
4. Three letters of recommendation
5. Statement of intent
6. The Graduate Record Examination (with minimum scores of 500 in both the verbal and quantitative sections, or 4/6 in the new analytic section)

Certification

For those who wish to take advantage of course offerings in the M.A. program without pursuing the degree itself, a certificate option is available. This enables students to take courses for credit without being liable to specific degree requirements or comprehensive examinations. Upon completion of a minimum of 24 credit hours, the Department of Theology will issue a testimonial certificate.

Application to the M.A. (Theology) Degree Program

Applications to the summer M.A. (Theology) program must include an application form, a statement of intent, transcripts of degrees and coursework, three letters of recommendation, and GRE scores. Applications are due April 15. All application materials should be directed to the Graduate School.

Online Application

Applicants are encouraged to complete and submit the application for graduate admission online. The application is available at graduateschool.nd.edu.

Further Information

For additional information about the M.A. (Theology) degree program, please contact:

Director of the M.A. (Theology) Program
Department of Theology
130 Malloy Hall Notre Dame, IN 46556-4619

Telephone: (574) 631-4254
Email: theol.1@nd.edu
Web: theology.nd.edu/graduate-program/master-of-arts/

Additional Information for the Master of Arts Program:

Applying Online: The application deadline as a degree-seeking student to the M.A. (Theology) degree program is April 15. When applying online, be sure to complete the “Graduate School Degree Seeking” section.

Nondegree credit hours: Students may apply up to 12 hours of coursework taken at Notre Dame before admission to their degree program. Hours taken beyond 12 hours as a nondegree student will not count towards the 42 hours of degree program coursework. All students are responsible for monitoring their respective hours of coursework.

Degree Eligibility: A master’s program that is pursued during the summer and the academic year must be completed within five years. A student attending summer session only must complete all requirements within seven years.
Comprehensive Examinations / Bibliographies
The M.A. exams are designed to allow students to explore specific theological issues in more depth than may have been possible during coursework. The M.A. exams are based on five topics developed by the student, in light of her or his unique theological interests. Each topic is phrased as a topic that is then used as the criterion by which to choose four books and one recent article that most directly address and explore each topical topic. No more than three topics should be in your area of concentration.

The best way to approach the formulation of your exam topics is to think about the theological issues that have most engaged you during your time in the master's program, and then to think of the theologians who most directly address these issues. The topics can address either theological topics or specific theologians. For instance, one topic might address the way the doctrine of the Trinity influences our understanding of the relational nature of human life, looking at Augustine, Juergen Moltmann, Catherine Tanner, and Catherine LaCugna; whereas, another topic might look at the relationship between men and women in the Church, looking at the writings of Hans Urs von Balthasar. One topic might look at the theological understanding of symbols, looking at Augustine, Louis Marie Chauvet, Karl Rahner, and Roger Haight; whereas, another topic might look at the relationship between spirituality and liberation in the writings of Gustavo Gutierrez. One topic might examine the understanding of contemplative prayer in Bernard of Clairvaux, Julian of Norwich, Theresa of Avila, and Thomas Merton; while another topic might examine the understanding of theological language in the writings of Elizabeth Johnson. Topics might also compare the positions of two theologians on a specific theological topic, such as the understanding of the redemptive death of Christ in Rahner and von Balthasar, or of the role of the historical Jesus in the writings of E.P. Sanders and Luke Timothy Johnson. An excellent example of a final form of a topic is the following:

Since the revelatory nature of the text is experienced in and through human language, how can a better understanding and appreciation of how human language works (particularly its metaphorical capacity) enhance our ability to interpret and appropriate scripture in a way that takes it seriously but not literally with regard to revelation?

Books:
(1) Sandra M. Schneiders - The Revelatory Text: Interpreting the New Testament as Sacred Scripture (2nd ed.)
(2) Paul Ricoeur - Interpretation Theory: Discourse and the Surplus of Meaning
(3) Walter Brueggemann - Theology of the Old Testament: Testimony, Dispute, Advocacy (parts one and two - pages 115–403)
(4) Janet Martin Soskice - Metaphor and Religious Language

Journal Article:

All of these examples are meant to be suggestive, not prescriptive. Your own theological interests should generate the formulation of the topics, which will be unique to you. These examples are given simply to stimulate your own thinking, and to show the different ways that topics and bibliographies may be formulated.

You are encouraged to begin the process of formulating your topics and bibliographies as early as possible. However, the topics and bibliographies should be clearly formulated during your final year of coursework. You may certainly consult with your area advisor during the formulation of these topics, as well as with faculty who have expertise in the issues you are exploring. However, the formulation of the topics, and the development of the bibliography of four books and one recent article related to each topic, is entirely your responsibility.

The bibliographies must be approved by the area advisor (and/or the summer M.A. director) no later than one month before the student hopes to take exams. M.A. exams are given in the first week of November and April, and in the last week of July. Students must be enrolled and registered for a comprehensive review class during the session or semester in which they plan to take their exam. It is a very good idea for students to sit in on the comprehensive review class in their area of concentration the summer before they are scheduled to take their exams, to gain a clearer idea of the exam process.

The exam board, to be chosen by the advisor (and/or the M.A. director), will be made up of two faculty from the area of concentration, and one faculty from another area. Students pursuing the general M.A. degree may have an exam board chosen from three different areas. The student may confidentially choose the inclusion of one member of the board (subject to availability), and the exclusion of one faculty member. Each member of the exam board will submit three questions, framed in light of the five topics proposed by the student, to the area advisor, who will then formulate five questions.

The comprehensive exams themselves are made up of written and oral exams. The student will be asked to answer three of the five questions during the four-hour written exams, given on the Monday of exam week. These written answers will then be distributed to the board, and will form the basis of the 40-minute oral exam on Wednesday or Thursday of the same week. During the oral exams, questions not answered by the student on the written exams may be addressed, as may books on the bibliography and courses taken by the student. Evaluation of the student’s performance will be made on the basis of both the written and oral exams.

Reminders:
(1) If you are planning to complete the degree program, please keep in mind the basic process for preparing for comprehensive exams. You may find it helpful to note interesting issues, books or articles while pursuing coursework but do not have time to pursue. The exam process allows you the opportunity to read such books or articles.

(2) Some of you are nondegree students. If you are planning to become a degree-seeking student, then please complete the proper paperwork in a timely manner to become a degree-seeking student. Further, please keep track of how many credits you accumulate.

Liturgy of Celebration
During the summer session, an important part of student life is liturgical celebration. Morning and Evening Prayer are celebrated each day. Students are encouraged to join in these common prayers and to participate in various ministerial roles, including joining

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the choir, playing the organ or another instrument, or becoming a cantor.

Class Schedule
Graduate-level courses are arranged within two three-week modules (Module 1: June 18–July 6, 2012; Module 2: July 9–July 27, 2012). Students may choose to attend either or both of these, but may not take more than two courses for credit within any given module. Requests to audit courses in excess of this limit need the approval of the area coordinator. Degree-seeking students should normally plan to take no more than nine or 10 credits in any summer.

Normally all graduate courses will meet daily for two hours and 20 minutes. For further details, see the individual course description.

Course Descriptions. The following course descriptions give the number and title of each course. Lecture hours per week, laboratory and/or tutorial hours per week, and semester credit hours are in parentheses. The University reserves the right to withdraw any course without sufficient registration.

CRNs for independent study courses may be obtained from the department office, from the Office of the Registrar, or from inside.nd.edu (insideND).

Information about the Department of Theology is available over the World Wide Web. Point your browser to theology.nd.edu.

For additional information concerning any of the theology programs, please write:

Director, M.A. Program
Department of Theology
University of Notre Dame
Notre Dame, IN 46556

Telephone: (574) 631-7811
Fax: (574) 631-4291
Email: theo1@nd.edu
Web: theology.nd.edu

For information concerning fees, registration requirements, and applications, please contact:

Office of the Summer Session
300 Grace Hall
Notre Dame, IN 46556
(574) 631-7282
sumsess.1@nd.edu
summersession.nd.edu

Course Offerings

THEO 10001 02: Foundations of Theology: Biblical/Historical
3 credits
6/18 - 8/03 MTWR 10:30 AM-11:50 AM
CRN: 3784
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This first course in theology offers a critical study of the Bible and the early Catholic tradition. Following an introduction to the Old and New Testaments, students follow major post-biblical developments in Christian life and worship (e.g., liturgy, theology, doctrine, asceticism), emphasizing the first five centuries. For details on emphases of individual instructors, see the Department of Theology Course Description Booklet or the departmental website: www.nd.edu/~theo.

THEO 20001 02: Foundations of Theology: Biblical/Historical
3 credits
6/18 - 8/03 MTWR 10:30 AM-11:50 AM
CRN: 3783
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This first course in theology offers a critical study of the Bible and the early Catholic tradition. Following an introduction to the Old and New Testaments, students follow major post-biblical developments in Christian life and worship (e.g., liturgy, theology, doctrine, asceticism), emphasizing the first five centuries. For details on emphases of individual instructors, see the Department of Theology Course Description Booklet or the departmental website: www.nd.edu/~theo.

THEO 30031 01: Knowing the God Who Calls
3 credits
6/04 - 6/14 MTWRF 9:00 AM-5:00 PM
CRN: 3697
Last add date: 6/04
Drop dates: refund, 6/05; last, 6/09
Description: This course is designed to assist Notre Dame undergraduates who are preparing to work as “Mentors in Faith” within Notre Dame Vision. The course addresses fundamental theological themes necessary for them to serve as peer mentors for high school students exploring their vocation to Christian discipleship. Participants in the course will thus examine topics related to a theology of vocation: the call to intimacy with the Triune God; the call to follow Jesus Christ; the call to lifelong conversion animated by the Holy Spirit; the call to communion and mission in the church; the call to prayer and sacrament; the call to right relationship; and the call to service and justice.

THEO 30032 01: The Christian Experience: Vocation and the Theological Imagination
3 credits
6/18 - 8/03
CRN: 4164
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course provides an entrée into the theological foundations of Christian vocation through considering the transformation of human experience by means of the theological imagination. That God calls is an objective fact of revelation. How human beings perceive and appropriate this call is an entirely different matter. Thus, this course considers both the central images of Christian salvation history from creation...
THEO 46001 01: Directed Readings
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course consists of research and writing on an approved subject under the direction of a faculty member.

THEO 48001 01: Undergraduate Research
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Varies with instructor.

THEO 48801 01: Research in Biocultural Anthropology
Variable credits, Sheridan
5/28 - 7/13 MTWR 10:00 AM-6:00 PM
CRN: 2549
Last add date: 6/01
Drop dates: refund, 6/05; last, 6/20
Note: Application required. For further information contact: Prof. Susan Sheridan, 637 Flanner Hall, Notre Dame, IN 46556 (574) 631-7670, Sheridan.5@nd.edu or visit the project website at http://www.nd.edu/~nsbones/nsbones/Home.html
Description: This hands-on research course will engage students in an experiential learning environment that immerses them in anthropological method and theory. Using the large BAB edh-Dhra' skeletal collection from Early Bronze Age Jordan as the cornerstone, archaeological and osteological information will be synthesized in a biocultural reconstruction of ancient life near the Dead Sea. Students will conduct original research, share in an active field trip program, and participate in a lecture program delivered by top scholars in the fields of biological anthropology, classics, and Near Eastern studies. Students will develop a suite of methodological skills in the natural and social sciences, explore artifacts and life ways of the study population, delve into the pertinent literature using several world-class libraries, develop skills for collaborative research, and discover the importance of a holistic approach to a fuller understanding of life in the past.

THEO 60102 01: New Testament Introduction
3 credits, Moss
6/18 - 7/06 MTWRF 3:15 PM-5:55 PM
CRN: 4085
Last add date: 6/19
Drop dates: refund, 6/21; last, 6/27
Description: The purpose of this course is to develop an understanding of the writings in the New Testament in their ancient literary, historical, theological, and cultural contexts. The course is interested why these books were written, the problems faced by followers of Jesus, and the development of key theological ideas in the early church. The student will acquire skills for analyzing texts in their ancient context and using this information both to engage difficult Biblical passages and to answer hard questions faced by contemporary Christians.

THEO 60117 01: Old Testament Theology
3 credits, Gregory
7/09 - 7/27 MTWRF 3:15 PM-5:45 PM
CRN: 4086
Last add date: 7/10
Drop dates: refund, 7/12; last, 7/18
Description: This course will offer entry into the complexities of the Hebrew Bible with attention to the historical, literary, and theological issues that confront a critical reading of it. The course will explore the tension between historical claims made in and for the Bible on the one hand, and the interpretive, ideological voices on the other hand that move from the historical to the canonical. Students will be expected to deal with specific biblical texts as well as a broad range of critical data.

THEO 60211 01: Catechesis: History & Theory
3 credits, Baumbach
6/18 - 7/06 MTWRF 12:20 PM-3:00 PM
CRN: 3059
Last add date: 6/19
Drop dates: refund, 6/21; last, 6/27
Description: Catechesis aims "to put people not only in touch, but also in communion and intimacy, with Jesus Christ" (General Directory for Catechesis 80, quoting Catechesi Tradendae 5; cf. National Directory for Catechesis, 19B). What is catechesis and how does catechesis pursue this aim in contemporary parish life? What are some dimensions of contemporary parish life? How do catechesis as demonstrated during selected periods in the history of the church (e.g., influence of the baptismal catechumenate historically and today)? This course will enable students to explore catechesis from selected historical and contemporary perspectives, to gain awareness of developments in practice and in theoretical approaches, and to acquire and demonstrate a working familiarity with contemporary catechetical literature. Readings will include a variety of sources from antiquity to the present. Students will be encouraged to apply these sources to issues in parish catechetical leadership today.

THEO 60222 01: Christian Doctrine/Catechists
3 credits, Cavadini
6/18 - 7/06 MTWRF 8:30 AM-11:10 AM
CRN: 3060
Last add date: 6/19
Drop dates: refund, 6/21; last, 6/27
Description: This course is intended to serve as a resource for catechists and religious educators. It provides a basic theological introduction to the material represented in Pillars I and II of the Catechism of the Catholic Church: the Creed and the Sacraments. The course is specifically designed to cover this material in a way that will provide facility in teaching it in a variety of contexts. Readings will come not only from the Catechism, but from various primary sources, both traditional and contemporary illustrative of the theology that forms its background. The course will be especially useful for anyone wishing to acquire an understanding of the basic doctrines of the Catholic faith and of the theological integration of these doctrines.

THEO 60240 01: Contemplation and Action
3 credits, Ashley
7/09 - 7/27 MTWRF 3:15 PM-5:45 PM
CRN: 4087
Last add date: 7/10
Drop dates: refund, 7/12; last, 7/18
Description: What is the relationship between contemplative prayer and action on behalf of others? The tendency in the Christian tradition has been to see prayer as superior to action, since it is there that one experiences, however fleetingly, that union with God that is our ultimate beatitude and destiny. However, there have been innovative attempts in the history of Christian spirituality to break...
down overly rigid barriers between these two essential components of the Christian life. This course will look at a cross-section of views on this question. We begin with scriptural loci for considering the relationship between prayer and action, and then move to Greek thought, with the distinction between theoria and praxis. We then consider how this conceptual pair was taken over in the history of Christian spirituality in some classic understandings of the relationship between the vita contemplativa and the vita activa. We will focus in particular on patristic and medieval homilies on Martha and Mary (Lk 10: 38-42). Figures in this section include Augustine, Bernard of Clairvaux, Thomas Aquinas, and Meister Eckhart. In the next section of the course we consider the late-Medieval and Reformation spiritualities of Catherine of Siena, Ignatius of Loyola and John of the Cross. We conclude with three contemporary figures who have attempted to interrelate contemplation and action: Thomas Merton, Dorothy Day, and Gustavo Gutiérrez.

**THEO 60260 01: Teresa of Avila: Doctor of the Church**
4 credits, Egan
6/18 - 7/06 MTWR 3:15 PM-5:55 PM
CRN: 4088
Last add date: 6/19
Drop dates: refund, 6/21; last, 6/27
Description: This course is an exploration of three classic texts from the Christian Mystical Tradition composed by Teresa of Avila (1515-1582), saint and first woman doctor of the Church. These sessions take their lead from the conviction of Karl Rahner that mystics like Teresa offer a grounding for the whole church. The primary concern of this exploration will be an understanding of Teresa’s use of scripture, what she has to say about Christ, especially the humanity of Christ, and the Truine God, her contemplative ecclesiology, her understanding of the human person, and her debt and contribution to the Carmelite tradition. Teresa and John of the Cross adopted the tradition of bridal mysticism which both prepares one for the mystical encounter and offers symbols and a language with which to express what transpires in this encounter. This course will reflect on whether Bridal Mysticism continues to have a role in Christian Mysticism. We shall also ask what contribution Teresa can make to the articulation of an ordinary, everyday, sacramental mysticism. Teresa of Jesus has made a substantial contribution to the understanding of contemplative prayer, and her life and writings offer wisdom toward the evolution of a more contemplative church in Christianity’s third millennium.

**THEO 60286 01: Christian Spirituality: Early and Medieval**
3 credits, Heintz, Colberg
7/09 - 7/27 MTWRF 12:20 PM-3:00 PM
CRN: 4106
Last add date: 7/10
Drop dates: refund, 7/12; last, 7/18
Description: This course will introduce students to the Christian spiritual tradition, that is, the ways that followers of Jesus have, in the course of history, sought to make sense out of it what it means to be a disciple, what difference prayer makes, what defines the contours of a Christian life, how this is worked out within the life of the Church, and what holiness might look like. Through the reading of primary texts, some well-known, others more obscure, students will glimpse how these various questions were answered in particular moments, junctures, or contexts within the Christian theological tradition, c. 100 - 1500 AD.

**THEO 60290 01: Love and Wisdom in Medieval Theology**
3 credits, Wawrykow
6/18 - 7/06 MTWRF 12:20 PM-3:00 PM
CRN: 4107
Last add date: 6/19
Drop dates: refund, 6/21; last, 6/27
Description: The high middle ages (the 12th century through the early 14th) witnessed great vitality and creativity in the doing of theology, and high medieval theological work has proven to be of continuing significance and interest. This course provides an advanced orientation to the high medieval theological achievement, by identifying the main kinds of medieval theological work, as well as their principal settings and genres, and by introducing some of the more renowned scholastic, monastic, and, lay spiritual theologians. To give focus to the course, special consideration will be given to the themes of love and wisdom, as these play out in discussions of Trinity, Christ, and the sacraments (not least, that of the Eucharist). Among the theologians who will figure prominently in the course are Bernard of Clairvaux, Bonaventure, Thomas Aquinas, and Mechthild of Magdeburg.

**THEO 60417 01: Christian Initiation**
3 credits, Johnson
6/18 - 7/06 MTWRF 12:20 PM-3:00 PM
CRN: 4194
Last add date: 6/19
Drop dates: refund, 6/21; last, 6/27
Description: This course will trace the historical development of the liturgies and theological interpretations of Christian Initiation in East and West from the New Testament period to the modern period of ecumenical convergence. In light of this historical investigation some modern forms of these rites (e.g., RCIA, LBW, BCP, etc.) will be considered theologically and ecumenically with an eye toward pastoral appropriations and implications.

**THEO 60420 01: Ritual Studies**
3 credits, Belcher
6/18 - 7/06 MTWRF 8:30 AM-11:10 AM
CRN: 4091
Last add date: 6/19
Drop dates: refund, 6/21; last, 6/27
Description: A study of the theology and practice of liturgical prayer in the Christian tradition past and present.

**THEO 60421 01: Liturgical Year (LS)**
3 credits, Johnson
7/09 - 7/27 MTWRF 12:30 PM-3:00 PM
CRN: 4092
Last add date: 7/10
Drop dates: refund, 7/12; last, 7/18
Description: An exploration of the origins, development and present significance of Sunday and Ordinary Time; Lent, Paschal Triduum and Easter Season; Advent, Christmas and Epiphany; feasts of Mary and the Saints. Special attention will be paid to comparing and contrasting the third typical edition of the Missal of Paul VI, which is the ordinary form of the Roman Rite, with the 1962 Missal, now recognized as the extra-ordinary form. Though academic, the course provides a highly desirable foundation for pastoral practice and spirituality. Required Reading: Adolf Adam, The Liturgical Year instead of Thomas Talley’s, Origins of the Liturgical Year as the required reading. Other Requirements: Three reflection papers on required reading, each three pages in length, and a fifteen minute oral exam on selected class lectures at end of course.
THEO 60453 01: Catholic Sacraments  
3 credits, Fagerberg  
7/09 - 7/27  MTWRF 8:30 AM-11:00 AM  
CRN: 4109  
Last add date: 7/10  
Drop dates: refund, 7/12; last, 7/18  
Description: “Lumen Gentium” says that in 
the Church, “the life of Christ is poured into 
the believers who, through the sacraments, 
are united in a hidden and real way to Christ 
who suffered and was glorified” (7). This 
course will look at the seven sacraments of 
the Catholic Church as the means whereby 
Christians are mystically united to the life 
of Christ. Although we will use a historical 
framework to organize our material, the main 
focus of attention will be on the theological 
dimensions of each sacrament. This will 
give us the opportunity both to examine 
particular questions that conditioned the development of current sacramental theol-
yogy, and the content of each rite as it exists 
today. Some attention will be paid to the 
nature of sacramental symbol in general, but 
the course’s primary focus is on the sac-
raments as liturgical rites by which Christian 
life is celebrated.

THEO 60609 01: Christian Ethics and 
Pastoral Practice (MT)  
3 credits, Odozor  
7/09 - 7/27  MW 12:30 PM-3:00 PM  
CRN: 4093  
Last add date: 7/10  
Drop dates: refund, 7/12; last, 7/18  
Description: Faith in Jesus Christ as Lord 
and savior has practical implications for 
the way believers construe the world and 
organize their lives. What these implications are for Christian life in some specific areas of 
life and the tensions which arise from 
the attempt of the Christian community 
to remain faithful to the teachings of the 
Lord Jesus while trying to live a fully human life - this is at the core of our course.

THEO 60614 01: Catholic Social Teaching  
3 credits, Whitmore  
6/18 - 7/27  MTWRF 3:15 PM-5:55 PM  
CRN: 4094  
Last add date: 6/19  
Drop dates: refund, 6/21; last, 6/27  
Description: This course involves close 
reading of the official documents of Catholic 
social teaching from Rerum Novarum to 
Centesimus Annus. Emphasis is on intense 
seminar discussion. Students do a number of 
shorter analyses of the documents.
appropriation of leadership skills such as ministerial collaboration, mutual empowerment, delegation, community building, conflict resolution, volunteer management, parish needs assessment, and effective pastoral communication. Relationship between Christology and Pneumatology in the Writings of Yves Congar, Karl Rahner and Jacques Dupuis, PUG, 1987.

THEO 60860 01: Theology of Prayer
3 credits, Cunningham
6/18 - 7/06 MTWRF 8:30 AM-11:10 AM
CRN: 4097
Last add date: 6/19
Drop dates: refund, 6/21; last, 6/27
Description: This course will examine some classic texts on prayer (Origen’s On Prayer; selected conferences of John Cassian; Augustine’s “Letter to Proba”) against the background of Michael Casey’s, Towards God: The Ancient Wisdom of Western Prayer, and in conjunction with the fourth part of the Catechism of the Catholic Church. In lieu of examinations, each student will be expected to write short analytical and/or reflection papers on a regular basis. Students in the ECHO program and other teachers will be encouraged to develop a model lesson plan on prayer as part of their class experience.

THEO 60884 01: The Trinity and Christian Salvation
3 credits, Anatolios
7/09 - 7/27 MTWRF 8:30 AM-11:00 AM
CRN: 4110
Last add date: 7/10
Drop dates: refund, 7/12; last, 7/18
Description: The doctrine of the Trinity represents the uniquely Christian conception of who God is and how God is related to the world. Recent theological reflection has recognized that an authentic appropriation of Christian faith must consider Trinitarian doctrine not merely as an exotic appendix to Christian confession but as the “summary of Christian faith” (Rahner). This course follows this approach by analyzing how the decisive early development of Trinitarian doctrine consisted of a comprehensive interpretation of the entirety of Christian existence, and especially involved a conception of Christian salvation as participation in God’s own life (deification). Since the Christian doctrine of God as Trinity received its normative expression through a complex process involving centuries of reflection and debate in the early centuries of the undivided Church, this course will mainly focus on this period. In the last part of the course, we will look at recent treatments by representative Catholic, Protestant, and Orthodox theologians, in which Trinitarian doctrine is reflected upon in relation to diverse topics of modern interest: e.g. human personhood and communion, feminist concerns, the nature of artistic expression, and inter-religious dialogue.

THEO 60956 01: Theology of Family in Ecclesial Life
2 credits, Pooman
7/30 - 8/01 MTW 9:00 AM-6:00 PM
CRN: 4098
Last add date: 7/29
Drop dates: refund, 7/30; last, 7/31
Description: Family life is a privileged locale for encountering God in everyday life experiences. The domestic church is the initial training ground for faith growth and forming disciples, profoundly shaping religious identity among its members. Thus, the larger Church stresses the importance of bringing a family perspective to all ministry efforts. This course addresses the foundational principles of a family perspective through theological, scriptural and historical background. It stresses the role of parish/diocese in empowering the family to live out its mission and tasks as church of the home.

THEO 64208 01: Jerusalem, the Desert and Galilee: A Theological Inquiry
3 credits, Elizondo
5/27 - 6/10 MTWRF -
CRN: 4099
Last add date: 5/28
Drop dates: refund, 5/29; last, 6/03
Description: This two-week course will explore the theological themes of the gospel narratives informed by the socio-cultural and historical perspectives. The journey through the land organizes the theology, which is a reflection on the deeper meaning of the journey. In keeping with the tradition of the earliest followers of Jesus and of subsequent generations of Christians, by returning to the places of origins, we will seek a better understanding of the foundational words, persons, events and places mentioned in the gospels so as to probe their redemptive value for us today.

THEO 66001 01: Directed Readings
Variable credits
6/18 - 8/03
CRN varies by instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and writing on an approved subject under the direction of a faculty member.

THEO 68201 01: NSF-REU Biocultural Research Program
Variable credits, Sheridan
5/28 - 7/13 MTWRF 10:00 AM-6:00 PM
CRN: 2953
Last add date: 6/01
Drop dates: refund, 6/05; last, 6/20
Note: Application required. For further information contact: Prof. Susan Sheridan, 637 Flanner Hall, Notre Dame, IN 46556 (574) 631-7670, Sheridan.5@nd.edu or visit the project website at http://www.nd.edu/~nsfbones/nsfbones/Home.html
Description: This hands-on research course will engage students in an experiential learning environment that immerses them in anthropological method and theory. Using the large Bab edh-Dhra’ skeletal collection from Early Bronze Age Jordan as the cornerstone, archaeological and osteological information will be synthesized in a biocultural reconstruction of ancient life near the Dead Sea. Students will conduct original research, share in an active field trip program, and participate in a lecture program delivered by top scholars in the fields of biological anthropology, classics, and Near Eastern studies. Students will develop a suite of methodological skills in the natural and social sciences, explore artifacts and life ways of the study population, delve into the pertinent literature using several world-class libraries, develop skills for collaborative research, and discover the importance of a holistic approach to a fuller understanding of life in the past.

THEO 68802 01: Comprehensive Review
1 credit, Cavadini
7/09 - 7/13 MTWRF 5:00 PM-6:30 PM
7/14 - 7/14 8:00 AM-1:00 PM
CRN: 3407
Last add date: 7/09
Drop dates: refund, 7/09; last, 7/11
Description: A review course open only to those taking comprehensive examinations in July. This course meets MWF in the first week and TH in the second. Monday is
dedicated to finalizing comprehensive topics, Wednesday and Friday to the written portion of the exams. The second week, Tuesday and Thursday, focuses on the oral portion of the exams.

**THEO 78599 01: Thesis Direction**
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: For students doing thesis work for a research master’s degree.

**THEO 78600 01: Nonresident Thesis Research**
1 credit
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident master’s degree students who are completing their theses in absentia and who wish to retain their degree status.

**THEO 86001 01: Directed Readings**
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and writing on an approved subject under the direction of a faculty member.

**THEO 87002 01: Preparing for Academic Career**
1 credit, Wawrykow
6/04 - 6/08 MTRF 1:00 PM-4:00 PM
CRN: 2618
Last add date: 6/04
Drop dates: refund, 6/04; last, 6/06
Description: There are a number of issues relating to the culture of academic life that are typically left unaddressed in formal course work and degree programs, but which are of concern for those who plan to spend their careers in academic life. This course introduces doctoral students, especially those in the humanities, to a number of these in an effort to promote professional development. This course is built around four major areas: academic positions and expectations, teaching and teaching skills, research, and service. We will explore a wide range of topics for each of these areas, including the preparation of a C.V., an explanation of the tenure process, syllabus construction, the use of technology in teaching, establishing a research agenda, participation in professional societies, external grants, citizenship in the university and society, and principles for a successful career. The course emphasizes the practical requirements of the professorate. It is designed for those in the job market but is open to any who want to learn about the requirements of academia.

**THEO 98699 01: Research and Dissertation**
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and dissertation for resident doctoral students.

**THEO 98700 01: Nonresident Dissertation Research**
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.
Summer programs offered through the School of Architecture offer unique learning opportunities for students to apply what they are learning to a real world context. Recent foreign studies programs have taken place in China, Japan, Cuba, Portugal, Greece, Italy, and the United Kingdom. In 2012 there will be a China program. For further information, contact Cindy DuBree (574) 631-8437 or Barbara Panzica (574) 631-4699, 110 Bond Hall.

### COLLEGE OF ENGINEERING, ALCOY PROGRAM

**Dean:**
- Michael N. Lykoudis
- Dept. Tel.: (574) 631-6137

**Location.** The program is conducted at the campus of the Universidad Politecnica de Valencia in Alcoy (UV-A), with field trips to sites of engineering importance.

**Course of Study.** The six-week program (May 22-June 29) will consist of two three-credit courses. Students register in the University of Notre Dame summer session for AME 54591, Failure and Risk Analysis, and EG 34440, Electronic Communications and The Smart Grid. Both courses will take advantage of the locale and include topics related to Spanish and European Professional practice.

**Field Trips.** Field trips to sites of Spanish engineering and cultural significance such as the World Expo in Zaragosa, the Alhambra in Granada and Barcelona are included in the program. Specific projects visited will vary from year to year.

**Housing and Meals.** Students will be housed in dormitories for international students at the UV-A, and will have a dormitory meal plan.

**Cost.** The cost of the program is $6,500. This includes round-trip airfare between New York/Chicago and Madrid, tuition, room and board, and required field trips. Participants are responsible for recreation and any extra travel.

**Eligibility.** The program is open primarily to qualified engineering students of the University of Notre Dame. Applicants from outside the University are welcome and will be considered on a space available basis.

For further information and an application packet, write to:

- John Brauer
- Director, University of Notre Dame International Summer Engineering Programs
- 224 Cushing Hall
- University of Notre Dame
- Notre Dame, IN 46556

### COLLEGE OF ENGINEERING, LONDON PROGRAM

**Director:**
- John Brauer

**On-Site Directors:**
- Daniel Costello, Yih-Fang Huang

**Location.** The program is conducted at Notre Dame’s London Centre in central London, with field trips to sites of engineering importance.

**Course of Study.** The six-week program (May 22-June 29) will consist of two three-credit courses. Students register in the University of Notre Dame summer session for AME 54591, Failure and Risk Analysis, and EG 44421, Integrated Engineering and Business Fundamentals. Both courses will take advantage of the locale and include topics related to British Professional practice.

**Field Trips.** Field trips to sites of British engineering projects such as the Thames Flood Barrier, Rolls Royce factory in Derby, Astrium, and Ironbridge are included in the program. Specific projects visited will vary from year to year.

**Housing and Meals.** Students will be housed in flats at Conway Hall, 51-55 Waterloo Road, London SE1 8TX in the South Bank area of London’s West End. Each flat has bath and cooking facilities. Flats...
and Business Fundamentals is designed to provide a sound understanding of the business processes that engineering graduates will be involved with either, directly or indirectly, as they start their careers. The course addresses four major areas of business processes: Financial, Business Plans, Innovation (Project Management, Stage Gate Development processes), and Supply Chain.

China: Business and Culture in China Today (Taiwan, Hong Kong, Beijing, and Shanghai)
May 17 - June 26, 2012

This program is designed to provide students with the opportunity to explore, experience, and examine business and culture in China today. Students will travel to Taiwan, Hong Kong, Beijing, and Shanghai. The program will include lectures, presentations by guest professors and business leaders, as well as visits to both international and Chinese companies and sites of historic and cultural significance. Students will take two 3-credit courses during the six-week program Business in China Today (3 credits) will be taught by Professor Georges Enderle; Chinese Culture: Tradition and Transformation (3 credits) will be taught by Professor Xiaoshan Yang. Both courses will be taught in English; there is no language requirement for this program.

The cost of the program will be approximately $7,000. This fee includes tuition; round-trip international airfare from the gateway city; airfare from Taiwan to China and travel within China to sites; accommodations; all program-sponsored excursions, including corporate visits and visits to cultural sites; and travel health insurance during the program.

Dublin, Ireland
May 27 – July 7, 2012

Participants will be able to fully experience the vibrant life of the city of Dublin, as well as being able to explore the historic Irish countryside. This Summer Program will be held in the Keough-Naughton Notre Dame Study Centre, Dublin. The venue will be historic O’Connell House, long-time home of the celebrated Irish politician Daniel O’Connell. The two key classes will be taught by guest professors and business leaders, program will include lectures, presentations supplemented by a diverse range of cultural enrichment opportunities: cultural, literary, musical, theatrical, sporting, political, and culinary.

During the 6-week summer program (May 27 – July 7, 2012) students will enroll in two complementary classes, each counting for three ND credits. Kevin Whelan, Director, Notre Dame’s Dublin Centre, will teach Introduction to Ireland. This course will explore the broad political, cultural, economic and social history of the island of Ireland from the eighteenth to the twenty-first century. It will also explore Irish Literature. Deb Rotman will be teaching the course ‘The Irish Diaspora in America, an interdisciplinary examination of the cultural context in Ireland from which people emigrated, the kinds of traditions and rituals that immigrants brought with them to America,
and how their experiences were shaped by class, gender, ethnicity, and identity.

The cost of the program is approximately $6,700. This fee includes tuition, housing, health insurance, local transportation, field trips, cultural activities, and partial meal plan. Participants will make their own flight arrangements and be responsible for most of their own lunches and a few dinners. Students will be housed in new state of the art student housing at University College Dublin.

London, England
May 16 – June 28, 2012

The Notre Dame academic building is located on Suffolk Street next to the National Gallery just off Trafalgar Square and the residence facilities are located in self-contained flats in Conway Hall in this program, which in 2012 will accommodate approximately 70 to 75 participants, are taught by many of the same British faculty that participate in the regular academic year program. Students will enroll in two 3-credit courses during the six-week program, May 16 – June 28, 2012. Courses will be selected from a number of different disciplines and fulfilling various major and/or University requirements including:

- ANTH 34230 /SCPP 34313: Global Medicine
- ARHI 34489: London as Art Capital
- ENGL 44420 / GSC 44255 London Writers (Fulfills LIT Requirement)
- FTT 34207: Shakespeare in London (Fulfills Fine Arts Requirement)
- HIST 34414: The British Empire, 1760-1965: An Exercise in Globalization? (Fulfills History Requirement)
- PHIL 24408 Phil of Law (Fulfills Philosophy Requirement)
- POLS 34440: The Government and Politics of Britain
- PSY 34637/SOC 34072: Identity, Culture, & Globalization
- THEO 24205: Christianity in Britain

The 2012 fee will be approximately $6,700. The program fee covers transportation costs – international air travel from our gateway city, New York City and group transfer from Heathrow Airport to residence facilities and return. The program also covers all residence costs and health insurance. Students will receive a weekly stipend to defray cost of meals. Additionally, the program provides admission fees that are part of courses. Participants are responsible for the costs associated with weekend activities that may be organized by the residential staff, performance admission costs that are not part of courses, and personal spending.

Paris, France
June 3 – July 12, 2012

The Office of International Studies partners with IES Abroad, a not-for-profit academic consortium, to offer summer programs led by Notre Dame faculty members. Students will enroll in two courses each worth three Notre Dame credits. Notre Dame Political Science Professor, Josh Kaplan, will teach POLS 34629 “Toqueville’s America and Toqueville’s France,” a course that satisfies the Arts and Letters Social Science requirement. Students will also enroll in an Art History course, ARHI 24542 “History of Paris in Architecture and Art.” This course satisfies the University Fine Arts Requirement. Students will receive Notre Dame credit for these courses and they will count towards the GPA. Both courses will be taught in English; there is no language requirement for this program.

Students will live in apartments with small kitchenettes.

The cost of the program is approximately $6,500. This fee includes tuition, housing, health insurance, local transportation, field trips, a few meals, cultural activities, and guest lectures. Participants will make their own flight arrangements and will be responsible for most meals.

Taipei, Republic of China (Taiwan)
June 2 - July 28, 2012

Students will enroll in two intensive Chinese language courses (at the second-year, third-year, fourth-year, or advanced level) to earn 6 credits and a culture class for 2 credits. The program will run from June 2 to July 28, 2012, for a total of eight weeks in the summer. The Chinese language courses meet for a total of four hours each day, five days per week. Students will receive a total of 160 hours of Chinese language instruction. Class size is small, ranging from 2 – 12 students per class. The small class size enhances individualized attention to students’ learning needs. Classmates may include other Notre Dame students and Language Center students, who are primarily from Europe and Southwest Asia.

Students will take a placement exam upon returning to Notre Dame, but the program aims to enable students to complete a full year of language study in eight weeks. There are no cafeterias on campus so students will be responsible for all of their meals. Restaurants and convenience stores are a short walk from the hostels.

Students selected to participate in the program will pay their own airfare, meals, books, local transportation, visa fees, and other miscellaneous expenses. The program charge will be $1,800, which covers tuition, housing and health insurance. Students will receive 8 credit hours.

Toledo, Spain

Summer participants will enroll in 2 courses, each worth 3 credits. All students must have completed four semesters of Spanish or the equivalent. All students will enroll in “The European Union in Eleven Lessons: A Gateway to Knowledge about Europe” (POLS 34420 The European Union) taught by Professor Javier Esguivelas-Ruiz, Institute for Latino Studies. The goal of this course is to demonstrate a clear panorama of the European Union from its inception to the critical challenges and issues relevant to contemporary Europe.

Students will select a second course from a variety of disciplines, many of which have been approved to fulfill major and/or University requirements. The course options typically include Spanish grammar, Spanish and/or Latin American Literature or History, Art History, Anthropology, and Political Science. A 3-credit internship is possible and may count as the second course. (The Summer Toledo dates are June 15 – July 27, 2012.)

The Notre Dame Spain Summer program is located in Toledo at the Jose Ortega y Gasset Foundation, which was founded by a private academic research institute from Madrid. Students live and take classes in a renovated 16th century convent, the San Juan de la

For up-to-date summer session information, please visit us online at summersession.nd.edu.
Penitencia Residence, a beautiful example of Renaissance and Mudéjar architecture with its peaceful inner courtyard and arched balconies.

The Summer 2012 tuition and fees will be approximately $7,500. This includes tuition, 6 Notre Dame credits, full room and board, complete health insurance coverage, a $200 Notre Dame administrative fee, 3 one-day excursions and 1 guided visit to Toledo, bus from and to the airport, and extra-academic activities (cena rompehielos with Spanish students, flamenco dancing classes, Spanish cooking lessons, voluntary work in the community, conversational exchanges, etc.). Airfare between the United States and Spain is not included.

Uganda/Rwanda
June 5 - July 17, 2012
The School for International Training (SIT) conducts the Peace and Conflict Studies summer seminar from early June to mid July. This program examines the historical, political, and social dimensions of the conflicts of the Lake Victoria Basin.

Working with local non-governmental organizations, students study the issues and challenges of peace-building; they visit refugee camps and internally displaced people’s camps where they examine challenges facing the region and the actions being taken in response to the problems. Students earn 6 academic credits.

The students’ first week in both Uganda and Rwanda consists of classroom discussions, readings, and lectures focusing on history, contemporary politics, and the role of the state. Excursions to carefully selected sites, introductory language instruction, and homestays with local families complement studies.

Students reside with host families during one week of their stay in Kampala or Gulu and for two weeks in Kigali. Additional housing is provided at hotels or guest houses. Most meals are included in the program fee. While in homestays, students will have breakfast and dinner with their host families. Students are responsible for their travel. SIT arranges to meet them at the airport. During the homestay period, students use taxis to get to and from the university for which they receive a stipend. Although the program is administered by SIT, students will be billed by the University’s Office of Student Accounts. The program fee will be approximately $8,700 plus airfare and a Notre Dame administrative charge. The fee includes tuition, room and board, excursions, and most transportation while abroad, including an administrative fee. Specific program information is available at http://www.sit.edu/studyabroad/overview_ugp.cfm.

Rome, Italy
June 10 - July 20, 2012
The Office of International Studies partners with IES Abroad, a not-for-profit academic consortium, to offer summer programs led by Notre Dame faculty members. Students will enroll in two courses each worth three Notre Dame credits. Notre Dame Architecture Professor, Bill Westfall, will teach “Seeing Power in Rome: Exploring the Pagan, Christian, and Modern City,” which is cross-listed as ARCH 34223 and ARHI 34546. The course satisfies the University Fine Arts requirement. Students will also enroll in HIST 24321 “Ancient Rome: The Myth and Making of the Empire,” which satisfies the University History requirement.

Students will live in apartments with small kitchenettes.

The cost of the program is approximately $5,500 per student. This fee includes tuition, housing, health insurance, location transportation, field trips, a few meals, cultural activities, and guest lectures. Participants will make their own flight arrangements and will be responsible for most meals.

Jerusalem, Israel
June 2 – July 14, 2012
Participants in the program will spend 6 weeks in the Holy Land studying a wide range of religious, political, and cultural issues. Students will approach these issues mainly through two courses. The first course, “The Church of All Nations: Ecumenism & Interreligious Dialogue in the Holy Land,” is taught by Hannah Hemphill and Brian Barrett and will fulfill the second University Theology requirement. The second course is, “Anthropology of the Holy Land” and is taught by Fr. Patrick Gaffney. Both courses are 3 credit hours and include a variety of guest lectures. Both courses are taught in English; there is no language requirement for this program.

In addition to the coursework students will take a number of excursions throughout Israel. There will be a 6-day trip to the Galilee that includes visits to Nazareth, Mt. Tabor, Sea of Galilee, Golan Heights, Caeserea Philippi, Caeserea Maritime, and Mt. Carmel. Other excursions will include the Dead Sea, Jericho, and Hebron with optional trips to Ramallah and Tel Aviv. Students will reside at Tantur Ecumenical Institute for Theological Studies, situated on the road between Jerusalem and Bethlehem.

The cost of the program is approximately $7,200. This fee includes tuition, room and board, airfare from an East Coast gateway city to Tel Aviv, several group excursions (with some meals included), health insurance, group transfer between Tel Aviv Airport and Tantur, and an ND administrative fee. Students will be responsible for travel to the gateway city, textbooks, and personal spending.

KEOUGH-NAUGHTON INSTITUTE FOR IRISH STUDIES/THE IRISH SEMINAR, DUBLIN

Director:
Christopher Fox
Institute Tel.: (574) 631-3555

The Keough-Naughton Institute was established in 1993 and is directed by Christopher Fox. The institute hosts invited lectures, supports graduate studies in Irish literature and culture, and expands Notre Dame’s research capabilities in Irish studies. It also sponsors various publications, including the book series under the general editorship of Seamus Deane, Critical Conditions: Field Day Monographs, published by the University of Notre Dame Press in conjunction with Field Day.

Students in the graduate program in Irish studies pursue the Ph.D. in English or history. They are encouraged to study the Irish language, which is offered regularly, and there are funded opportunities to study Irish abroad through a joint program with the University of Galway.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
THE IRISH SEMINAR, DUBLIN: CONTEMPORARY IRISH THEATRE

Dates: 06/11/2012 - 06/29/2012

IRST 64099 01: Irish Seminar: Contemporary Irish Theatre
3 credits, O’Conchubhair, Clowry
6/11 - 6/29 TWRF 10:00 AM-6:00 PM
CRN: 4184
Last add date: 6/12
Drop dates: refund, 6/14; last, 6/20
Note: Cross-listed as ENGL 94513, CRN 4186

Description: Great theater frequently emerges during periods of significant cultural shift, political disruption and social upheaval. The last 30 years in Ireland has witnessed such a remarkable period with turbulent and historic changes: The Troubles, the Peace Process, mass emigration and immigration, the rise and fall of the Celtic Tiger, Ireland’s enchantment and disenchantment with the European Union, the property explosion and implosion, the Catholic Church’s ignominy, the financial crises, rapid globalization as well as triumphs on the sporting, cultural, literary and artistic stage. Ireland, as it underwent significant and substantial changes, offered insights on human frailty and vice, tragedy and triumph, loss and exclusion, survival and success. Such events afforded Irish playwrights, directors and actors abundant material. Playwrights and directors have responded with powerful plays and dramatic productions that challenge and confront audiences both at home and abroad. As a result a significant number of canonical plays have emerged from Irish playwrights that probe shifting identities, changing loyalties and emerging consciousnesses as individuals, communities, landscapes, institutions and history itself are sorted and distorted.

Beginning with Brian Friel, Frank McGuinness and Tom Murphy, and continuing with Sebastian Barry, Marina Carr, Anne Devlin, Declan Hughes, Marie Jones, Robert Massey, Martin McDonagh, Sean McLoughlin, Conor McPherson, Éilís Ní Dhuibhne, Michelle Ó Conghaile, Ursala Rani Sarma, Christina Reid, Alan Titley and Enda Walsh, Irish drama has produced an astonishing varied, complex and successful corpus of dramatic work. The best of which has garnered critical recognition and popular acclaim not only on stages in Ireland, London, New York but globally. Irish dramaturgy, like Irish identity, can no longer be defined in static monolithic terms: consequently there are as many theatres as there are national identities. Is Irish theatre currently undergoing a crisis drawing it away from the traditional well-wrought literary stage play toward a more visually rich abstract spectacle? How is Irish theatre responding to the recent past? How will Irish theatre function in a public and highly political global space. Among the topics to be discussed are: patterns of history and memory, use of meta-theatre, the enabling and disabling uses of myth, and the role of narrative and monologue in contemporary Irish theatre.

The 2012 University of Notre Dame Irish Seminar convenes a stellar cast of international experts, scholars and practitioners to explore the contemporary Irish dramatic and theatrical landscapes and discern current patterns of dramaturgy in culturally and theatrically significant plays written in and about Ireland since 1980. This three-week series of presentations, seminars and workshops offers participants an opportunity to partake in seminars, lectures and workshops with world renowned academics, scholars, directors, actors, critics and reviewers.

For additional information, contact:
The Irish Seminar 2012
Eimear Clowry
Keough-Naughton Notre Dame Centre
O’Connell House
58 Merrion Square South
Dublin 2
Ireland
eclowry@nd.edu
T: 00 353 1 611 0611
F: 00 353 1 611 0606

LAW SCHOOL - LONDON LAW PROGRAM

Director:
Prof. Geoffrey Bennett
Program dates:
July 2 – August 8

CORRESPONDENCE

All applications, forms, and correspondence concerning our summer law program should be directed to:

Notre Dame Law School
Summer London Law Program
Admissions Office
Notre Dame, IN 46556
Tel.: 574-631-6626
Fax: 574-631-5474
Email: lawadmit@nd.edu

All correspondence will be mailed to the student’s permanent address unless another address is specifically indicated by the student.

ON THE WEB

law.nd.edu/london/summer

BACKGROUND

Notre Dame Law School began its Summer London Law Program for American law students in 1970 to provide students an opportunity for deepening their understanding of our own legal system through comparing it with British legal institutions; for studying common law subjects at their place of origin; and for learning comparative and international law at a leading center of those disciplines.

The Notre Dame program is the oldest American summer law program conducted in London. In recent years, slightly more than a third of enrolled students were from Notre Dame Law School; a number were from Australia; the remainder were from some 20 different law schools in the United States. Based on past experience, it is expected that a similar number of students from an equally diverse group of schools, from both the United States and Australia, will participate in the 2012 program. The curriculum emphasizes courses in the comparative and international law fields taught largely by British faculty. Students have found that the opportunity to study law in such a program...
not only facilitates their obtaining a law degree but enables them to learn about and enjoy the rich legal and cultural heritage of Britain.

London itself offers theaters, museums, and numerous sightseeing opportunities, as well as the Royal Courts of Justice, the Central Criminal Court (Old Bailey), the Inns of Court, and the Houses of Parliament. Places such as Oxford, Cambridge, Bath, Canterbury, Stratford, Windsor, Brighton, and Winchester are a short train journey away. An added pleasure comes from getting to know students from a variety of law schools located in all parts of the United States and abroad.

FACILITIES
The Notre Dame London Law Centre is at 1 Suffolk Street on the northwest corner of Trafalgar Square in central London. The Law Centre is next to the National Gallery and National Portrait Gallery, on the edge of theatreland, and only 10 minutes walk from Buckingham Palace and Downing Street to the west and legal London to the east. Public open areas such as St. James Park, Waterloo Gardens, Embankment Gardens, and the River Thames are less than five minutes walk, while King’s College, the London School of Economics, and the Royal Courts of Justice are nearby along the Strand.

The Law Centre has a core collection of American law books in its library, as well as a small collection of comparative and international law materials. More extensive legal research may be done in the American and European collections of the Middle Temple Library.

The Law Centre also has a number of modern computers, which are available to all students and which provide access to Email, the Internet, and computer-assisted legal research.

ACADEMIC INFORMATION
Notre Dame Law School is fully accredited. Although other law schools have regularly approved transfer of credits, all students should ask their home schools about credit prior to registration in London.

It is expected that 7 courses providing a total of 14 hours of academic credit will be offered in the summer of 2012. A student may enroll in courses up to a maximum of six hours of credit. Auditing of courses is allowed with the permission of the particular faculty member and with the written approval of the director. The program runs for six weeks. Classes begin on Monday, July 2, and end on Friday, August 3. Examinations are scheduled between Aug. 6 and Aug. 8. All courses comply with the standards of the American Bar Association and the Association of American Law Schools.

Credits are calculated on a semester basis. Students attending law schools using a quarter system can convert the credits obtained by applying a 50 percent plus factor (i.e., two credit hours on a semester basis are equivalent to three credit hours on a quarter basis). It is unlikely that participation in a foreign summer law program may be used to accelerate graduation. Students interested in acceleration are referred to their home schools to review this point in light of the ABA Standard for Approval of Law Schools 304, Interpretation 4.

Credit for courses taken will be given in the same manner as for courses taken at Notre Dame’s home campus, and grades received will be reflected on standard Notre Dame transcripts. The grading system used at Notre Dame Law School and in effect for the summer program is as follows: A, A-, B+, B, B-, C+, C, C-, D, F. F is a failing grade.

QUALIFICATION FOR ADMISSION
Any student in good standing at a law school who will have completed one year of academic work prior to June 1, 2012, is eligible for the program. A completed registration form will be construed as a certification that the applicant meets the requirements and will advise the program director of any change in academic status. To be officially enrolled in the Notre Dame Summer London Law Program, each student is required to submit to the Admissions Office a letter of good standing from the student’s law school.

Applications must be received no later than April 15, 2012. Because enrollment in the program is limited, students should apply as soon as possible. Spaces are available on a first-come, first-served basis.

TUITION AND FEES
Registration fee is $50 (nonrefundable unless rejected due to full enrollment).

The following is a budget for the 2012 Summer London Program. This budget represents the expected costs for tuition, living expenses, and transportation. This budget also represents the maximum amount of loan assistance available for the Summer London Program.

Tuition $3,500
Transportation (Roundtrip airfare): Chicago to London $1,300
Transportation: U.K. $1,000
Room $1,800
Food $645
Books and Supplies $240
Entertainment and Personal $300
TOTAL $8,785

Tuition is nonrefundable unless failure to attend is for verified reasons of illness, military obligation, or if the U.S. Department of State issues a travel warning for England. The Summer London Law Program has never been canceled. In the unlikely event that the program is canceled, a full refund of tuition will be made.

The summer program is not in a position to provide direct financial assistance to program students; however, the Notre Dame Office of Financial Aid will process loans or other benefits to which students might be entitled. Questions concerning financial aid may be directed to the Office of Financial Aid at (574) 631-6436 or via email at finaid.1@nd.edu. Students attending from other institutions are encouraged to work directly with their home institutions using consortium agreements regarding their financial aid opportunities. Loan assistance can usually be obtained for the full cost of the program, including living expenses and transportation. Students must, however, enroll on at least a half-time basis to receive loan assistance.

PAYMENT SCHEDULE
Registration fee ($50) with application due by April 15, 2012.
Tuition ($3,500) due by 5/13/12.

Participants in the program who are relying on loan assistance to meet the costs will be exempted from the tuition payment deadline if evidence of a loan commitment is provided by the deadline dates.
ADMINISTRATION AND FACULTY
Prof. Geoffrey Bennett, Notre Dame Law School, is the director of the Summer London Law Program.

Other faculty members are expected to be as follows:
- Prof. Stephen J. Cribari
  St. Lawrence University, B.A. Catholic University, J.C.L., J.D.
- Prof. David Gregory
  Kingston University Law School, South London
- Prof. Susan Hawker
  Guildhall University, London
- Prof. Jane Kirtley
  Silha Professor of Media Ethics and Law (UMN)
- Prof. Gabriel Moens
  Dean of Law Murdoch University, Perth, Western Australia
- Prof. Katherine Reece-Thomas
  City University, London

HOUSING
A number of single rooms are reserved for summer London participants in the university's recently opened Conway Hall. Conway Hall is a listed building that was acquired and completely refurbished by the university in 2010. It is situated a twenty minute walk away from Suffolk Street on the south bank of the Thames close to Waterloo Station.

Each student has his/her room furnished with a bed, chair, desk and wardrobe; bedding and towels are provided. The rooms are arranged in separate flats which have shared bathroom and kitchen facilities. The residence complies with current UK law regarding access for persons with disabilities. In addition, the student housing is monitored by the Notre Dame Facilities manager to ensure that it continues to comply with both disability and related health and safety requirements. Meals are not included in the price of the room as the accommodation is self-catering. There are a wide range of shops and restaurants nearby. The building is equipped with Wi-Fi.

Because the number of rooms in Conway Hall is limited, and because we will assign rooms on a first-come first-served basis, we encourage you to submit payment as soon as possible after you receive your billing statement. A room in Conway Hall will be assigned to you only after full payment has been received by the University Office of Student Accounts. Regrettably, no exceptions can be made to the policy requiring full payment. All housing payments are non-refundable unless it is possible to reassign the room. If the program were to be cancelled before its commencement, housing payments would be refunded. If it was cancelled after commencement, for reasons beyond the control of the University, a refund would be made on a pro rata basis.

Summer London participants residing in Conway Hall may check in on Saturday, June 30. Students must vacate their rooms by noon on Thursday, August 9.

INSURANCE
Participants in the Notre Dame Summer London Law Program are required to have medical insurance coverage. For more information on this, please review the website: law.nd.edu/london/summer/index.html.

TRANSPORTATION
Students attending the Summer Law Program are expected to make provisions for transportation to and from London. Notre Dame cannot assume any responsibility for your transportation.

Scheduled airlines provide a variety of reduced-fare plans. Your local travel agent should be helpful in this regard. Because summer flights to Europe are filled quickly, we suggest making your travel arrangements as soon as possible.

PASSPORTS
Passports are required for travel to England and are your responsibility. We recommend applying for your passport early. Contact the nearest State Department Office or Post Office for further information, especially regarding travel in other countries. A visa is not required for the U.K. but may be necessary for travel to other countries.

TRAVEL WARNINGS
The latest information and warnings about travel overseas can be obtained on the State Department's website at travel.state.gov/

COURSE MATERIALS
Casebook and textbook materials for all courses will be available for purchase in London bookshops and at the Law Centre.

UPDATED INFORMATION
These details are subject to alteration. For the most current information about the London Program, please consult the website at law.nd.edu. Questions regarding registration procedures and deadlines may be directed to the Notre Dame Law School Admissions Office: lawadmit@nd.edu, or (574) 631-6626.

APPLICATION
The application for the Summer London Program is available on the web at law.nd.edu/london/summer/#APPLICATION.

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COURSE OFFERINGS
This list is subject to change or cancellation depending on sufficient enrollment and availability of faculty members; no prerequisites unless otherwise indicated. Changes will be posted on the Web at law.nd.edu/london/summer.

LAW 74308 01: Press Freedom in the UK
2 credits, Kirtley
7/02 - 8/08 MTWR 10:15 AM-11:25 AM
Description: Our goal is to gain an understanding of the legal and social factors that influence freedom of the press and freedom of information in the United Kingdom and to consider differences in style and approach to media and media law in the UK and the United States. This will be accomplished through lectures, field trips, monitoring and analysis of one newspaper’s coverage of a single topic, and the writing of a final research paper/essay (approximately 20 pages) on a subject relevant to the course and approved by the instructor.

LAW 74401 01: Public International Law
2 credits, Reece-Thomas
7/02 - 8/08 MTWR 11:30 AM-12:40 PM
Description: This course examines the vital role of law in contemporary international society; the nature and sources of international law; the relationship between international law and municipal law; international personality; states and non-state actors;
dispute settlement; the use of force and peace-keeping; the United Nations system; jurisdiction and immunities; diplomatic law; terrorism; human rights; treaties and state succession; state responsibility and foreign investment protection; law of the sea; and international environmental law.

**LAW 74402 01: Law of Cultural Heritage**
2 credits, Cribari
7/02 - 8/08 MTWR 9:00 AM-10:10 AM
Description: Art and antiquities cause problems. Private collectors and museum directors and curators and boards of trustees, professional and amateur archaeologists, scholars and academics, politicians and legislators and military commanders, native cultures, indigenous peoples, religious groups, conservers and restorers — all have interests in the rare and the beautiful. Those interests may be artistic or scientific, economic, political, cultural or religious. Art and antiquities are also commodities. They can be owned or possessed, loaned or sold, stolen or looted, legally or illegally exported and imported. This summer we will consider a variety of these interests by discussing questions such as should the Elgin Marbles or the Rosetta Stone be in the British Museum, Greece or Egypt? How do countries use their cultural property laws to take down, or erect, cultural and political barriers? Should we protect cultural property during conflict and, if so, how? Do antiques, like art, have independent artistic value or are they only worth what they are worth for scientific study? What ethical obligations guide museum directors and art restorers? How should we resolve Holocaust-Era art claims? This will be accomplished through readings, lectures, field trips, and the writing of a final research paper/essay (approximately 20 pages) on a subject relevant to the course and approved by the instructor.

**LAW 74451 01: English Legal System**
2 credits, Gregory
7/02 - 8/08 TWRF 10:15 AM-11:25 AM
Description: This course examines the principal features of the English legal system and of the constitutional structure, institutions, law and practice of the United Kingdom. Topics studied are designed to draw attention to differences between the English and U.K. systems and the position in the United States. Topics include the structure and organization of the courts; the legal profession; legal education; judges; the jury; costs and litigation; legal aid; the U.K. parliament; sources of constitutional law and practice; the U.K. government; the European dimension; and human rights in the U.K.

**LAW 74453 01: Carriage of Goods by Sea**
2 credits, Hawker
7/02 - 8/08 MTWR 2:00 PM-3:10 PM
Description: This course looks at the carriage of goods in international trade. We live in a world in which the transportation of goods is a fundamental part of both international and domestic business, and litigation in respect of these carriage disputes is inevitable. The course is based on English Law, with comparisons made with practice under other jurisdictions where appropriate. English law is frequently chosen to govern shipping contracts, the common law nature of English law allowing for judicial “creativity.” We see, therefore, the development of this area of contract law, which aims to meet the needs of those involved with the international shipment of goods. The course predominately covers contacts for the carriage of goods by sea and charterparties, as most goods are shipped by this mode of transport, although carriage by air and land is introduced. The course also considers difficulties that arise when goods are the subject of a multimodal contract of carriage, and problems that arise when carriage contracts are negotiated by freight forwarders. The combination of the intellectual rigors of the law and trade realities make this a rewarding subject.

**LAW 74459 01: European Union Law**
2 credits, Moens
7/02 - 8/08 MTWR 12:45 PM-1:55 PM
Description: This course introduces students to the legal system of the European Union (EU). Emphasis will be placed on the constitutional, administrative and commercial law of the EU. The topics that will be discussed in this course include the political and economic origins of the EU, its institutional structures (with emphasis on the European Court of Justice), the Union (Maastricht) Treaty, the interrelationship between EU law and the laws of the twenty-seven member states, and the four fundamental freedoms: free movement of goods, workers, services and capital. The course will concentrate on the transnational protection of economic and social rights and the jurisprudence of the European Court of Justice.

**LAW 74465 01: International Business Law**
2 credits, Moens
7/02 - 8/08 MTWR 2:00 PM-3:10 PM
Description: This course provides students with an introduction to the law of international trade. It begins with an examination of the concept of free trade and the international structures that have been created to foster the liberalization of international trade. It then focuses on the United Nations Convention on Contracts for the International Sale of Goods (CISG), followed by a consideration of Incoterms 2000. The course then focuses on the Uniform Customs and Practices for Documentary Credits (UCP 600) and financing of exports. Finally this course also provides students with an introduction to the World Trade Organization (WTO), anti-dumping and countervailing duties law.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
ALLIANCE FOR CATHOLIC EDUCATION

Director:
Thomas L. Doyle, Ph.D.
Program Tel.: (574) 631-9779
Website: ace.nd.edu/academic-programs

MASTER OF EDUCATION PROGRAM
The Master of Education Program is sponsored by the Alliance for Catholic Education, which solicits applicants for the program during the academic year. Courses in the program are restricted solely to students admitted to the program through an admissions process that is administered jointly by the Alliance for Catholic Education and the Master of Education Program. Participants in the program take coursework at Notre Dame during two summers, do supervised teaching in Catholic schools in the southern United States for two years, and participate in distance-learning experiences during the two years of supervised teaching. Graduation with the master of education degree occurs after the completion of all coursework with at least a 3.0 average, completion of supervised teaching with at least a 3.0 average, documentation of instructional proficiency and student classroom learning as evidenced by a portfolio documenting professional growth over the course of the program.

EDU 60020 01: Introduction to Teaching - Elementary
0 credits, Collier, Cummins, Doyle
6/04 - 6/08 MTWRF 10:15 AM-11:45 AM
CRN: 3888
Contact department for add/drop dates.
Description: An introduction to teaching, including classroom organization and management, and to historical highlights in public and Catholic education.

EDU 60024 01: Introduction to Teaching - Middle School
1 credit, Borek, Doyle
6/04 - 6/08 MTWRF 1:30 PM-4:00 PM
CRN: 3891
Contact department for add/drop dates.
Description: An introduction for middle school teachers to the meaning and practice of contemporary teaching, including classroom organization and management, and to historical highlights in public and Catholic education.

EDU 60026 01: Introduction to Teaching - High School
1 credit, Moreno, Doyle
6/04 - 6/08 MTWRF 1:30 PM-4:00 PM
CRN: 3892
Contact department for add/drop dates.
Description: An introduction for high school teachers to the meaning and practice of contemporary teaching, including classroom organization and management, and to historical highlights in public and Catholic education.

EDU 60040 01: Introduction to Computers in Education
1 credit, Large, Doyle
6/04 - 6/07 MTWR 8:00 PM-9:55 PM
6/11 - 6/15 MTWRF 10:00 AM-11:55 AM
CRN: 3897
Contact department for add/drop dates.
Description: An introduction to instructional computing via hands-on experience with productivity/instructional software. Introduction to social, moral and technological issues of educational computing through literature, lecture, and discussions.

EDU 60040 04: Introduction to Computers in Education
1 credit, Demmon, Doyle
6/04 - 6/07 MTWR 8:00 PM-9:55 PM
6/11 - 6/15 MTWRF 10:00 AM-11:55 AM
CRN: 3899
Contact department for add/drop dates.
Description: An introduction to instructional computing via hands-on experience with productivity/instructional software. Introduction to social, moral and technological issues of educational computing through literature, lecture, and discussions.

EDU 60060 01: Teaching in Catholic Schools
1 credit, Doyle
6/11 - 6/25 M 3:10 PM-5:15 PM
7/09 - 7/23 M 3:10 PM-5:15 PM
CRN: 3900
Contact department for add/drop dates.
Description: An overview of six core topics of Catholic teaching along with a discussion of their influence and impact on Catholic school culture and teaching.

EDU 60070 01: Teaching Religion in Catholic Schools
1 credit, Doyle
6/11 - 6/25 M 3:10 PM-5:15 PM
7/09 - 7/23 M 3:10 PM-5:15 PM
CRN: 3902
Contact department for add/drop dates.
Description: An overview of six core topics of Catholic teaching along with an initial planning and grade level master teachers to teach these topics in Catholic schools.

EDU 60102 01: Effective Elementary Classroom Teaching
2 credits, Erickson, Doyle
6/12 - 6/28 TWR 1:10 PM-3:00 PM
7/04 - 7/05 WR 1:10 PM-3:00 PM
7/17 - 7/19 TWR 1:10 PM-3:00 PM

For up-to-date summer session information, please visit us online at summersession.nd.edu.
EDU 60122 01: Elementary Language Arts Assessment
1 credit, Maletta, Doyle
6/11 - 6/25 M 1:10 PM-3:00 PM
7/09 - 7/23 M 1:10 PM-3:00 PM
CRN: 3907
Contact department for add/drop dates.
Description: Readings on the theories for and practice in the strategies to construct traditional and performance assessments in the elementary language arts classroom. The ability to analyze the results in terms of stated unit goals, to reflect on the effectiveness of the unit planning, and to adjust future units to reteach core knowledge and skills will be emphasized.

EDU 60132 01: Mathematics in Elementary Education
2 credits, Hart, Doyle
7/10 - 7/25 TWR 3:10 PM-5:40 PM
7/13 - 7/20 F 1:10 PM-3:40 PM
CRN: 3908
Contact department for add/drop dates.
Description: The effective use of teaching materials and strategies in the elementary classroom (K-6) for the teaching of mathematics. Readings will be selected from the National Council of Teachers of Mathematics.

EDU 60142 01: Language Arts in Elementary Education
2 credits, Doyle, Burish
7/04 - 7/05 WR 3:10 PM-5:10 PM
7/09 - 7/12 MTWR 3:10 PM-5:10 PM
7/06 - 7/20 F 1:10 PM-3:10 PM
7/19 - 7/21 R 3:10 PM-5:10 PM
7/23 - 7/25 MTFW 3:10 PM-5:10 PM
CRN: 3909
Contact department for add/drop dates.
Description: An integrated approach to literacy instruction designed to help children make sense of the world through literacy expression. The unit template for planning is used to provide structure and process for inclusion of all language arts elements including grammar, spelling, writing, phonics, literature, and speaking and listening skills. An introduction to children’s literature, methods for determining quality literature, and the use of reference materials for selecting literature for specific purposes is included.

EDU 60162 01: Content Methods for Elementary Education
2 credits, Beesley, Doyle
6/11 - 6/28 MTWR 3:10 PM-5:00 PM
6/22 - 6/26 F 3:10 PM-4:40 PM
6/29 - 6/29 F 1:10 PM-2:40 PM
CRN: 3910
Contact department for add/drop dates.
Description: A program of reading that will enable participants to develop effective units of study that integrate reading, writing, mathematics, social studies and science. Readings will be selected from the publications of the major professional associations in elementary curriculum.

EDU 60182 01: Teaching of Reading
3 credits, Maletta, Doyle
6/12 - 6/28 TWR 3:10 PM-5:15 PM
6/15 - 6/29 F 1:10 PM-3:15 PM
7/04 - 7/05 WR 3:10 PM-5:15 PM
7/06 - 7/06 F 1:10 PM-3:15 PM
7/10 - 7/12 TWR 12:55 PM-3:00 PM
CRN: 3911
Contact department for add/drop dates.
Description: An exploration of the research and instructional strategies of reading instruction including emergent literacy, reading readiness, phonemic awareness, phonics, word recognition, vocabulary development, fluency, cultural literacy, and reading comprehension, as well as particular strategies for reading remediation.

EDU 60204 01: Introduction to Middle School Teaching
3 credits, Mayotte, Doyle
6/12 - 6/29 TWRF 1:10 PM-3:00 PM
7/04 - 7/19 TWRF 1:10 PM-3:00 PM
7/24 - 7/25 TW 1:10 PM-3:00 PM
CRN: 3917
Contact department for add/drop dates.
Description: An introduction to the culture and dynamics of the middle school classroom. Central to the course is instructional planning that emphasizes unit planning based on goals derived from state standards and assessments which measure student progress in meeting these goals. Lesson planning based on unit goals focuses on an integrative survey of strategies and methods that lead to effective daily instruction.

EDU 60256 01: Introduction to High School Teaching
3 credits, Doyle
6/12 - 6/29 TWRF 1:10 PM-3:00 PM
7/04 - 7/19 TWRF 1:10 PM-3:00 PM
7/24 - 7/25 TW 1:10 PM-3:00 PM
CRN: 3919
Contact department for add/drop dates.
Description: An introduction to the culture and dynamics of the high school classroom. Central to the course is instructional planning that emphasizes unit planning based on goals derived from state standards and assessments that measure student progress in meeting these goals. Lesson planning based on unit goals focuses on an integrative survey of strategies and methods that lead to effective daily instruction.

EDU 60312 01: Exceptionality in Childhood
3 credits, Husby, Doyle
6/11 - 6/28 MTWR 8:00 AM-10:00 AM
7/04 - 7/12 MTWR 8:00 AM-10:00 AM
CRN: 3921
Contact department for add/drop dates.
Description: A survey in exceptionality with emphasis on the elementary-aged child followed by in-depth study of the common learning problems in the elementary grades, especially reading, writing and mathematics disability. Both teaching strategies and assessment are considered.

EDU 60324 01: Exceptionality in Early Adolescence
3 credits, Erickson, Doyle
6/11 - 6/28 MTWR 8:00 AM-10:00 AM
7/04 - 7/12 MTWR 8:00 AM-10:00 AM
CRN: 3923
Contact department for add/drop dates.
Description: A survey in exceptionality with emphasis on the middle grades child is followed by in-depth study of the common learning problems in the middle school, especially reading, writing and mathematics disability. Both teaching strategies and assessment are considered.

EDU 60336 01: Exceptionality in Adolescence
3 credits, Lorenzen, Doyle
6/11 - 6/28 MTWR 8:00 AM-10:00 AM
7/04 - 7/12 MTWR 8:00 AM-10:00 AM
CRN: 3925
Contact department for add/drop dates.
Description: A survey in exceptionality...
with emphasis on the high school student is followed by in-depth study of the common learning problems in the high school, especially reading, writing and mathematics disability. Both teaching strategies and assessment are considered.

**EDU 60452 01: Child Development and Moral Education**
3 credits, Power, Doyle
6/11 - 6/29 MTWRF 10:10 AM-11:55 AM
7/04 - 7/11 MTWRF 10:10 AM-11:55 AM
CRN: 3927
Contact department for add/drop dates.
Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on childhood.

**EDU 60455 01: Development and Moral Education in Adolescence**
3 credits, Brandenberger, Doyle
6/11 - 6/29 MTWRF 10:10 AM-11:55 AM
7/04 - 7/11 MTWRF 10:10 AM-11:55 AM
CRN: 3933
Contact department for add/drop dates.
Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on early and late adolescence.

**EDU 60455 02: Development and Moral Education in Adolescence**
3 credits, Lapsley, Doyle
6/11 - 6/29 MTWRF 10:10 AM-11:55 AM
7/04 - 7/11 MTWRF 10:10 AM-11:55 AM
CRN: 3936
Contact department for add/drop dates.
Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on early and late adolescence.

**EDU 60455 03: Development and Moral Education in Adolescence**
3 credits, McNeil, Doyle
6/11 - 6/29 MTWRF 10:10 AM-11:55 AM
7/04 - 7/11 MTWRF 10:10 AM-11:55 AM
CRN: 3938
Contact department for add/drop dates.
Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on early and late adolescence.

**EDU 60455 01: English/Language Arts Education I**
2 credits, Burke, Doyle
6/12 - 6/28 TWR 3:10 PM-4:40 PM
7/04 - 7/25 TWR 3:10 PM-4:40 PM
CRN: 3940
Contact department for add/drop dates.
Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of English and current research and theory.

**EDU 60625 01: Social Studies Education I**
2 credits, Collier, Doyle
6/12 - 6/28 TWR 3:10 PM-4:40 PM
7/04 - 7/25 TWR 3:10 PM-4:40 PM
CRN: 3942
Contact department for add/drop dates.
Description: The development of class experiences, activities, and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Council for the Social Studies and current research and theory.

**EDU 60645 01: Foreign Language Education I**
2 credits, Crawford-Dixon, Doyle
6/12 - 6/28 TWR 3:10 PM-4:40 PM
7/04 - 7/25 TWR 3:10 PM-4:40 PM
CRN: 3944
Contact department for add/drop dates.
Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the American Council for the Study of Foreign Languages and current research and theory.

**EDU 60665 01: Mathematics Education I**
2 credits, Kennedy, Doyle
6/12 - 6/28 TWR 3:10 PM-4:40 PM
7/04 - 7/25 TWR 3:10 PM-4:40 PM
CRN: 3945
Contact department for add/drop dates.
Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of Mathematics and current research and theory.

**EDU 60685 01: Science Education I**
2 credits, Doyle
6/12 - 6/28 TWR 3:10 PM-5:00 PM
7/04 - 7/25 TWR 3:10 PM-4:40 PM
CRN: 3946
Contact department for add/drop dates.
Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Science Teachers Association and current research and theory.

**EDU 60705 01: English/Language Arts Education II**
3 credits, Burke, Doyle
6/11 - 6/25 M 3:10 PM-5:00 PM
6/12 - 6/28 TWR 3:10 PM-4:40 PM
7/04 - 7/25 TWR 3:10 PM-4:40 PM
7/09 - 7/23 M 3:10 PM-5:00 PM
CRN: 3949
Contact department for add/drop dates.
Description: A review of class experiences, activities and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of English and current research and theory.

**EDU 60725 01: Social Studies Education II**
3 credits, Collier, Doyle
6/11 - 6/25 M 3:10 PM-5:00 PM
6/12 - 6/28 TWR 3:10 PM-4:40 PM
7/04 - 7/25 TWR 3:10 PM-4:40 PM
7/09 - 7/23 M 3:10 PM-5:00 PM
CRN: 3953
Contact department for add/drop dates.
Description: A review of class experiences, activities and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council for the Social Studies and current research and theory.

**EDU 60745 01: Foreign Language Education II**
3 credits, Crawford-Dixon, Doyle
6/11 - 6/25 M 3:10 PM-5:00 PM
6/12 - 6/28 TWR 3:10 PM-4:40 PM
7/04 - 7/25 TWR 3:10 PM-4:40 PM
7/09 - 7/23 M 3:10 PM-5:00 PM
CRN: 3956
Contact department for add/drop dates.
Description: A review of class experiences, activities and content-specific methods...
within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council for the Study of Foreign Language and current research and theory.

**EDU 60765 01: Mathematics Education II**
3 credits, Kennedy, Doyle  
6/11 - 6/25 M 3:10 PM-5:00 PM  
6/12 - 6/28 TWR 3:10 PM-4:40 PM  
7/04 - 7/25 TWR 3:10 PM-4:40 PM  
7/09 - 7/23 M 3:10 PM-5:00 PM  
**CRN: 3954**
Contact department for add/drop dates.  
Description: Work with the Folk Choir, Catholic school use.

**EDU 60870 01: Religion Education I**
1 credit, DeLFra, Doyle  
6/19 - 6/22 TWRF 1:20 PM-3:00 PM  
6/26 - 6/28 TWR 1:20 PM-3:00 PM  
**CRN: 3952**
Contact department for add/drop dates.  
Description: The development of cross curricular areas for middle age levels.

**EDU 60880 01: Coaching and Youth**
1 credit, Howard  
6/12 - 6/21 TWRF 1:20 PM-3:00 PM  
6/26 - 6/28 TWR 1:20 PM-3:00 PM  
**CRN: 3951**
Contact department for add/drop dates.  
Description: Readings and discussion on the social scientific research on coaching strategies that promote the social development of youth through sport; applications of research findings are emphasized. Credit awarded during the spring semester, with registration required in a summer, fall, and subsequent semester.

**EDU 63500 01: Integrative Seminar**
1 credit, Staud, Doyle  
6/04 - 6/08 MTWRF 8:30 AM-10:00 AM  
6/12 - 6/26 T 7:15 PM-8:45 PM  
7/10 - 7/10 T 7:15 PM-8:45 PM  
7/24 - 7/24 T 7:15 PM-8:45 PM  
**CRN: 3948**
Contact department for add/drop dates.  
Description: An intense practicum in area schools during the summer. The experience will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

**EDU 65030 01: Education Practicum**
0 credits  
6/11 - 6/25 M 1:45 PM-3:00 PM  
7/09 - 7/09 M 1:45 PM-3:00 PM  
**CRN: 3930**
Contact department for add/drop dates.  
Description: An intense practicum in the South Bend area schools during the summer. The experience will include approximately five to six weeks of closely supervised teaching as well as weekly reflections on that experience. Extensive planning of instruction is required.

**EDU 67980 01: Special Topics in Education**
1 credit
6/04 - 7/25  
**CRN: 3932**
Contact department for add/drop dates.  
Description: An intense practicum in the South Bend area schools during the summer. The experience will include approximately five to six weeks of closely supervised teaching as well as weekly reflections on that experience. Extensive planning of instruction is required.
MARY ANN REMICK LEADERSHIP PROGRAM

Director: Rev. Ronald J. Nuzzi, Ph.D.
Program Tel.: (574) 631-7730
Website: acc.nd.edu/academic-programs/alp

The Mary Ann Remick Leadership Program in the Alliance for Catholic Education provides an intensive, 26-month experience encompassing the dispositions of becoming a professional administrator, fostering school community, and ongoing spiritual formation. The program awards a Master of Arts degree in Educational Administration, and successful completion results in state certification for service as a school principal. Courses are taken at Notre Dame during three summers and via distance-learning during the intervening academic year. Teaching experience is required for admission. Students must be accepted into the leadership program in order to enroll in leadership courses.

EDU 70603 01: Educational Administration
3 credits, Nuzzi
6/25 - 7/20 MWF 8:30 AM-12:00 PM
CRN: 3918
Contact department for add/drop dates.
Description: An introduction to foundational issues in school leadership for those new to educational administration. Topics include personnel, curriculum and instruction, supervision, power, effective schools research, change theory, collegiality, communication theory, and decision-making skills. Coursework includes selected readings, discussions, lectures, simulations, case studies, and problem-based learning techniques.

EDU 70604 01: Financial Management
3 credits, McDade, Nuzzi
6/25 - 7/06 MTWR 1:30 PM-5:30 PM
6/25 - 7/06 F 1:30 PM-5:00 PM
CRN: 3916
Contact department for add/drop dates.
Description: This course will benefit those in management in not-for-profit financial issues. Topics will include accountability and stewardship, the finance function in a mission-driven organization, fiscal operations and functions, external constituencies, reporting and compliance, operating budgets, program planning, strategic management, and internal financial reporting.

EDU 70605 01: Human Resource Management
3 credits, Herb, Nuzzi
7/09 - 7/10 MTWR 1:30 PM-5:30 PM
7/09 - 7/10 F 1:30 PM-5:00 PM
CRN: 3915
Contact department for add/drop dates.
Description: Proceeding from a discussion of various theories of managing people in organizations, this course enhances management skills and the understanding of how different strategies are most effectively employed in not-for-profit organizations. Management of both professional staff and volunteers is emphasized, as are the skills needed to work effectively with trustees and boards.

EDU 70627 01: Leadership in Schools I
1 credit, Nuzzi
6/26 - 7/24 T 7:00 PM-9:30 PM
CRN: 3914
Contact department for add/drop dates.
Description: An overview of the distinctive qualities of Catholic school leadership that distinguishes it from other educational and administrative settings. While exploring the unique context of the Catholic school principal, this course builds upon official church documents, Catholic school research, Sacred Scripture, and American Catholic history to assist participants in forming a personal approach to leadership.

EDU 70656 01: Next Generation Technology for School Administrators
1 credit, Wills, Nuzzi
7/03 - 7/19 TR 8:00 AM-10:30 AM
CRN: 3913
Contact department for add/drop dates.
Description: This course will enable school leaders & administrators to demonstrate knowledge of content, pedagogy, and leadership practices associated with integration of technology into the school curriculum. Many aspects of the National Educational Technology Standards (NETS) will be addressed with emphasis on the identification, use, evaluation, and promotion of appropriate technologies to enhance and support instruction and standards-based curriculum leading to high levels of student achievement. Class sessions will also model the routine, intentional, and effective use of Technology.

EDU 73609 01: Educational Law
3 credits, Schoenig, Nuzzi
6/25 - 7/06 MTWR 1:30 PM-5:30 PM
6/25 - 7/06 F 1:30 PM-5:00 PM
CRN: 3905
Contact department for add/drop dates.
Description: An overview of the various state, federal, and canonical legislation affecting Catholic schools with an emphasis on comparing and contrasting public and nonpublic school law. Participants will read and analyze legal cases, decisions rendered, and the legal reasoning behind decisions. Real and fictional cases will be discussed.

EDU 70627 01: Leadership in Schools III
1 credit, Karp, Nuzzi
6/20 - 6/20 W 8:30 AM-11:30 AM
6/20 - 6/20 W 1:30 PM-5:30 PM
6/21 - 6/21 R 8:30 AM-10:30 AM

Contact department for add/drop dates.
Description: This course will emphasize professional development, public relations, grant-writing techniques, and the creation of development plans. Topics include aligning the not-for-profit organization’s strengths with granting agencies’ priorities, techniques for writing clear and fundable proposals, community networking, identification and cultivation of benefactors, planned giving, and the development and execution of major campaigns.

EDU 73608 01: Board Management
1.5 credits, Dygert, Nuzzi
6/21 - 7/05 TR 8:00 AM-10:30 AM
6/23 - 6/30 S 8:00 AM-11:30 AM
CRN: 3906
Contact department for add/drop dates.
Description: This course focuses on the development, composition, role, and responsibilities of school boards. Board function will be grounded in theology, especially ecclesiology, as the active and thoughtful participation of parents and other stakeholders is interpreted as a school-based response to the responsibilities of baptism. The partnership between the principal or president and the board in identifying and addressing management and development challenges is explored through case studies and class discussion. Canon law receives considerable attention regarding the limits of consultation, the role of the pastor and bishop, and the utility of various models of governance. Students will discuss problems in board management and formulate action plans to resolve those problems.

EDU 73609 01: Educational Law
3 credits, Schoenig, Nuzzi
6/25 - 7/06 MTWR 1:30 PM-5:30 PM
6/25 - 7/06 F 1:30 PM-5:00 PM
CRN: 3905
Contact department for add/drop dates.
Description: An overview of the various state, federal, and canonical legislation affecting Catholic schools with an emphasis on comparing and contrasting public and nonpublic school law. Participants will read and analyze legal cases, decisions rendered, and the legal reasoning behind decisions. Real and fictional cases will be discussed.

EDU 73627 01: Leadership in Schools III
1 credit, Karp, Nuzzi
6/20 - 6/20 W 8:30 AM-11:30 AM
6/20 - 6/20 W 1:30 PM-5:30 PM
6/21 - 6/21 R 8:30 AM-10:30 AM

Contact department for add/drop dates.
Description: This course will emphasize professional development, public relations, grant-writing techniques, and the creation of development plans. Topics include aligning the not-for-profit organization’s strengths with granting agencies’ priorities, techniques for writing clear and fundable proposals, community networking, identification and cultivation of benefactors, planned giving, and the development and execution of major campaigns.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
posture for their own educational service.

EDU 73659 01: Exceptionalities
3 credits, McKenna, Nuzzi
7/02 - 7/13 F 1:30 PM-5:00 PM
7/09 - 7/20 MTWR 1:30 PM-5:30 PM
CRN: 3894

Contact department for add/drop dates.
Description: This course examines the research on meeting the needs of a diverse student population through a rich repertoire of instructional strategies, thoughtful approaches to valid assessments, and identifying and responding to special needs. Best practices research will be examined from a variety of school contexts. Administrative interventions and policies that support teachers will be identified and explained.

EDU 73666 01: Directed Readings in Educational Administration
Variable credits, Nuzzi, Frabutt, Holter
6/18 - 7/27
CRN: 2996

Contact department for add/drop dates.
Description: A team of faculty members will direct specialized study and readings in a relevant emerging topic in educational administration and educational research.

EDU 73777 01: Educational Research Methodology
3 credits, Frabutt, Holter, Nuzzi
6/25 - 7/20 MWF 8:30 AM-12:00 PM
6/26 - 7/17 T 9:00 AM-10:30 AM
CRN: 3889

Contact department for add/drop dates.
Description: An overview of generally accepted procedures and standards for quantitative and qualitative research, this course will examine various research methodologies and explore generalizability, reliability, and internal and external validity as they relate to different research designs. Participants will identify a research question for later exploration in an action research project as well as appropriate strategies for investigation. A strong focus will be on the interpretation of results and examination of test scores. Sector effect studies will also be emphasized.

EDU 73888 01: Leadership in Schools IV
1 credit, Frabutt, Holter, Nuzzi
6/19 - 6/19 T 8:00 PM-10:30 PM
6/26 - 7/10 T 7:00 PM-9:30 PM
CRN: 3885

Contact department for add/drop dates.
Description: Development of a poster reviewing the candidate’s action research project, presented at an on-campus symposium is the major course requirement. A capstone to the research sequence, students demonstrate leadership capacity by addressing via their own research, school-based challenges that they encountered during their administrative internship.

ENGLISH AS A NEW LANGUAGE (ENL) PROGRAM

Director:
Joyce W. Johnstone, Ph.D.
Program Tel.: (574) 631-7657
Website: ace.nd.edu/academic-programs/enl

The Teachers of English as a New Language (ENL) is designed for Catholic school teachers who are experiencing a growing number of English language learners in their schools. It culminates in certification for ENL or ESL. The program for teachers of English language learners has been designed as a 12-month, 18-credit-hour cohort model. Candidates come to campus for 16 days in July for orientation and the first two courses. The two summer courses must be taken prior to any other courses. However, candidates could choose to take only the Internet courses (3 credits each) one year in fall and spring, and the practicum courses (3 credits each) the following year.

EDU 70100 01: Linguistics and Language Acquisition
3 credits, Hagens
7/13 - 7/20 MTWRF 8:00 AM-11:30 AM
7/23 - 7/26 MTWRF 1:00 PM-4:30 PM
CRN: 3928

Contact department for add/drop dates.
Description: This course introduces the students to the specific stages of languages acquisition and development, the purposes that language serves; and the key roles of oral, written, and non-verbal communication in literacy development.

EDU 70110 01: Teaching Second Language Learners
3 credits, Moreno
7/13 - 7/20 MTWRF 8:00 AM-11:30 AM
7/23 - 7/26 MTWRF 1:00 PM-4:30 PM
CRN: 3926

Contact department for add/drop dates.
Description: This course focuses on and applies theories, research, and strategies in language structure and use, as well as ESL teaching and learning. Factors such
as social, cultural, psychological, and pedagogical influences to curricular planning are addressed within the context of elementary, middle, and secondary schools.

**TEACHING EXCEPTIONAL CHILDREN (TEC) PROGRAM**

*Director:*
Joyce W. Johnstone, Ph.D.
Program Tel.: (574) 631-7657

The Teaching Exceptional Children (TEC) program is designed for Catholic school teachers who wish to develop skills to meet the needs of children with mild to moderate disabilities in an inclusionary classroom. It culminates in certification for Teachers of Students with Exceptional Needs: Mild Interventions. The program for teachers has been designed as a 12-month, 18-credit-hour cohort model. Candidates come to campus for 16 days in the middle of June for orientation and the first two courses. The two summer courses must be taken prior to any other courses. However, candidates could choose to take only the Internet courses (3 credits each) one year in fall and spring, and the practicum courses (3 credits each) the following year.

**EDU 70200 01: Foundations in Exceptional Needs**
2 credits
6/21 - 6/28 TR 1:00 PM-5:00 PM
7/03 - 7/07 T 8:00 AM - 12:00 PM
6/23 - 6/30 S 8:00 AM - 12:00 PM
CRN: 3924

Contact department for add/drop dates.

Description: Reviews methods of implementing service delivery systems available for mild interventions; consulting with professionals and parents, families, and agencies to support the education of the child; designing professional development; and developing referral systems including a pre-referral team, curricular and personnel resources, and evaluation techniques. Additional information regarding accessing public school services in light of IDEA and state law will be explored.

**EDU 70202 01: Collaboration**
2 credits, Panzica
6/20 - 7/02 MWF 8:00 AM-12:00 PM
CRN: 3920

Contact department for add/drop dates.

Description: Reviews methods of implementing service delivery systems available for mild interventions; consulting with professionals and parents, families, and agencies to support the education of the child; designing professional development; and developing referral systems including a pre-referral team, curricular and personnel resources, and evaluation techniques. Additional information regarding accessing public school services in light of IDEA and state law will be explored.

**EDU 70201 01: Education for Social & Emotional Wellness**
2 credits, Frabutt
6/20 - 7/02 MWF 1:30 PM-5:30 PM
CRN: 3922

Contact department for add/drop dates.

Description: Provides educators with conceptual background, integrated approaches, and concrete strategies for supporting students’ socioemotional wellness and mental health in Catholic schools. Situated at the confluence of education, psychology, and public health, this course presents: a) an ecological approach to education and child development, b) concepts of developmental risk and resilience, c) comprehensive models of classroom, school, and community learning supports; d) positive youth development and strengths-based assessment; and e) classroom wellness assessment.

**EDUCATION, SCHOOLING AND SOCIETY**

*Director:*
Stuart Greene, Ph.D.
Dept. Tel.: (574) 631-0985

The Interdisciplinary Minor in Education, Schooling, and Society (ESS) uses the tools and resources of a liberal arts perspective to reflect on, understand, and influence the role of education in society. The course offerings in the Summer term are limited, but details about this program can be found online at http://www.nd.edu/~edss/ or by contacting Nancy McAdams at 574-631-0985.

**GENDER STUDIES**

*Director:*
Pamela Wojcik, Ph.D.
*Director of Undergraduate Studies:*
Abigail Palko, Ph.D.
*Program Coordinator:*
Linnie Caye
Program Tel.: (574) 631-4266

**GSC 27999 01: Gateway Course**
0 credits, Wojcik
6/18 - 8/03
CRN: 4166

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11

Description: This course is used as a co-requisite for administrative purposes so that students in the Gender Studies program will be able to web register for other GSC courses.

**GSC 30309 01: Working in America since 1945**
3 credits, Graff
6/18 - 8/03
CRN: 4165

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11

Description: This course explores the relationships among and between workers, employers, government policymakers, unions, and social movements since the end of World War II, as well as the ways in which those relationships have shaped and been shaped by American politics and culture more broadly. The United States emerged from the Second World War as the globe’s unequaled economic and political power, and its citizens parlayed that preeminence into a long postwar economic boom that created, however imperfectly, the first truly mass middle-class society in world history. At the heart of that new society was the American labor movement, whose leaders...
and members ensured that at least some of the heady postwar profits made it into the wallets of workers and their families - and not just the wallets of union members, as working Americans generally experienced great improvement in wages, benefits, and economic opportunity during the quarter-century ending in 1970. During those same years, civil rights activists challenged the historic workplace discrimination that kept African Americans at the bottom of the labor market, confronting the racism of employers, unions, and the government, and inspiring others, primarily Mexican-Americans and women, to broaden the push for equality at the workplace. Since that time, however, Americans have experienced a transformation in the workplace -- an erosion of manufacturing and the massive growth of service and government work; a rapid decline in number of union members and power of organized labor; and unresolved conflicts over affirmative action to redress centuries of racial and gender discrimination. Meanwhile, income inequality and wealth disparities have grown every year over the past three decades. What accounts for the decline of organized labor since 1970, and why have the people of the mythic land of milk and honey experienced declining upward mobility and widening gaps between the rich and everyone else? Are these phenomena linked? What has the decline of the labor movement meant for workers specifically, and the American economy and politics more broadly? How and why have popular perceptions of unions changed over time? What has been the relationship of organized labor to the civil rights movement, feminism, modern conservatism, and the fortunes of individual freedom more broadly? What is globalization, and what has been its impact upon American workers? Through an exploration of historical scholarship, memoirs, polemical writings, and films, this course will try to answer these questions and many others. It will also address the prospects for working people and labor unions in the twenty-first century. This course satisfies the university history requirement and is open to all students; no previous knowledge of the topic is required.

GSC 35000 01: Internship
3 credits, Falko
6/18 - 8/03
CRN: 3781
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11

In collaboration with the Director of Undergraduate Studies in Gender Studies, students choose an organization or business in the South Bend area for which they serve as a non-paid intern, performing 6-8 hours of internship service per week for their chosen internship site. The hours per week may be spread across several days, or completed in one long block. The student will be expected to complete a minimum of 80 total hours. This course serves an elective in either the Gender Studies supplementary major or the Gender Studies minor.

KANEB CENTER FOR TEACHING AND LEARNING

Interim Director:
Kevin Barry, MS and Ed.S.
Dept. Tel.: (574) 631-9146

SUMMER COURSES FOR TEACHING ASSISTANTS

The Kaneb Center for Teaching and Learning works with Notre Dame colleges and departments to offer summer graduate courses on college and university teaching. The courses carry academic credit, and are developed in light of the most recent studies on achieving excellence in teaching and scholarship. They are designed to familiarize graduate students with the issues involved in good teaching, enhance their teaching at Notre Dame, and help prepare them for career positions in post-secondary education.

RESEARCH EXPERIENCE FOR TEACHERS PROGRAM

The University of Notre Dame provides learning and research opportunities for high school teachers of the region in STEM (science, technology, engineering, and mathematics) disciplines. High school or middle school teachers actively engaged in teaching in a STEM discipline with a desire to deepen their knowledge are invited to apply to the RET@ND (Research Experience for Teachers) Program at Notre Dame. The Kaneb Center for Teaching and Learning is an organizational point of entry for this program. Please visit http://ret.nd.edu for more information.

CENTER FOR SUSTAINABLE ENERGY AT NOTRE DAME (cSEND)

The Center for Sustainable Energy at Notre Dame, a University Research Center, invites qualified high school teachers to participate in research projects and workshops in one of the departments of the College of Science. Participating teachers will be mentored by a faculty member and will work with graduate and/or undergraduate students. An important expected outcome of the program is the development of educational modules for use in the classrooms of the participating teachers. The RET program can be taken for credit, and participants will receive a stipend. For more information and a list of available RET projects, please see the RET@ND website: nd.edu/~ndrets/.

Department of Mathematics

The Department of Mathematics offers a month-long, “hands on” workshop intended to give teachers a working understanding of an interesting area of mathematics.

Department of Physics

Directed research courses are for high school teachers participating in research in the physics department; for example as participants in the RET (Research Experience for Teachers), QuarkNet, or similar programs that partner high school teachers with physicists. Research areas available include atomic physics, biophysics, condensed-matter physics, nuclear physics, particle physics, and astrophysics. Participants will be introduced.
to research physics in informal lectures with faculty, with course notes and reference texts available. Additionally, they will participate in directed research associated with current experiments being carried out by department faculty. Students maintain a research logbook and submit a written research summary at the conclusion of the research period.

Course Offerings

ENER 87001 01: Research Experience for Teachers in Engineering a More Sustainable Energy Future
Variable credits, Brennecke, Brockman
6/11 - 8/03 TW 9:00 AM-4:00 PM
CRN: 4254
Last add date: 6/15
Drop dates: refund, 6/21; last, 7/07
Description: Registration for this course is limited to teachers participating in the summer energy RET program at Notre Dame. Teachers will work with faculty mentors and curriculum development specialists to translate laboratory research in sustainable energy into new classroom materials for use during the school year.

GRED 60501 01: Teaching Engineering Tutorials and Laboratories
1 credit, Schmid
7/31 - 8/01 TW 9:00 AM-4:00 PM
CRN: 2389
Last add date: 7/30
Drop dates: refund, 7/30; last, 7/31
Description: This course is intended for teaching assistants in engineering disciplines. It will address aspects of professionalism, learning styles, classroom procedures, characteristics of the Notre Dame undergraduate, sensitivity to diversity, etc. A short presentation of a topic in your discipline is a course requirement.

GRED 60601 01: Preparing for an Academic Career in Physics, Math and Engineering
1 credit, Kolda
5/22 - 5/25 TWRF 9:00 AM-12:00 PM
CRN: 1216
Last add date: 5/21
Drop dates: refund, 5/22; last, 5/23
Description: This course will cover major issues in the teaching of science, mathematics, and engineering on the college level, including: (1) how students learn science, mathematics, and engineering (SME); (2) what are the best teaching methods for SME; (3) how to structure a syllabus in SME; (4) how to get students involved in class; (5) testing and giving feedback to students in SME; (6) issues of gender and diversity; (7) role of the laboratory; and (8) balancing of teaching and research.

GRED 60610 01: How to Teach Effectively and Prepare for an Academic Career in the Humanities & Social Sciences
1 credit, Wawrykow
6/04 - 6/08 MTRF 1:00 PM-4:00 PM
CRN: 2608
Last add date: 6/04
Drop dates: refund, 6/04; last, 6/06
Description: There are a number of issues relating to the culture of academic life that are typically left unaddressed in formal coursework and degree programs, but which are of concern for those who plan to spend their careers in academic life. The course introduces doctoral students, especially those in the humanities, to a number of these in an effort to promote professional development. The course is built around four major areas: academic positions and expectations, teaching and teaching skills, research, and service. We will explore a wide range of topics for each of these areas including the preparation of a C.V., an explanation of the tenure process, syllabus construction, the use of technology in teaching, setting up a research agenda, participation in professional societies, external grants, citizenship in the university and society, and principles for a successful career. The course emphasizes the practical requirements of the professorate. It is designed for those in the job market but is open to any who want to learn about the requirements of academia.

GRED 60612 01: Effective and Exciting Teaching in Social Sciences and Humanities
1 credit, Lopez
5/29 - 6/01 TWRF 9:00 AM-12:00 PM
5/29 - 6/01 TWRF 1:00 PM-4:00 PM
CRN: 2129
Last add date: 5/28
Drop dates: refund, 5/29; last, 5/30
Description: This course is designed for graduate students who want to prepare for classroom teaching and increase their classroom effectiveness. The course introduces the logic of and mechanics for developing an effective repertoire of teaching techniques. Topics include:
1. how to give an engaging and effective lecture.
2. how to run dynamic discussions.
3. the advantages and dangers of using technology in class.
4. how to design exams and writing assignments, and how to grade them.
5. working with teaching assistants.
6. designing a class and syllabus
7. creating a teaching portfolio

GRED 60640 01: Designing and Teaching Your First Biology or Chemistry Course
1 credit, Hyde
5/21 - 5/24 MTRF 1:00 PM-5:00 PM
CRN: 1085
Last add date: 5/20
Drop dates: refund, 5/21; last, 5/22
Description: This course is for continuing graduate students who want to improve their effectiveness in teaching in the science classroom and laboratory.
Topics covered will include:
(1) mastering the basics of teaching (attitude, preparation, grading, university policies, etc.);
(2) learning to deliver clear lectures and lead lab discussions;
(3) fostering critical thinking and problem solving skills;
(4) incorporating collaborative learning;
(5) using technology well;
(6) designing laboratory experiments;
(7) running a laboratory section (prep work, lecturing, assisting students).
Students will be asked to actively participate in the course by reading and discussing teaching literature, designing and delivering short lectures, and writing a teaching philosophy. However, the instructor is willing to alter the material covered based on the interest of the students. One-on-one work with the instructor or another faculty mentor is also a possibility to fulfill the required hours for this course.

GRED 60642 01: Active Teaching and Learning
1 credit, Bruneau
6/11 - 6/14 MTWR 9:00 AM-12:00 PM
CRN: 3853
Last add date: 6/10
Drop dates: refund, 6/11; last, 6/12
Description: This course is designed for graduate students in all disciplines who want to develop their students’ enthusiasm and proficiency. To engage students in our classes, we need to provide them not only with information but with challenge, connectivity, purpose, and activity—opportunities to work with and respond to the
material we teach. To learn how to do provide these opportunities, participants will read and discuss research on teaching and learning, experience some active techniques, and develop course materials they can use for their own subject-area courses. Topics include instructional techniques, wait time, motivation, linking methods to goals and assessment, and ways to get students to not only do the work we assign but also learn from it.

**MATH 68990 01: Research Education for Teachers - Dynamical Systems in MATLAB**
3 credits
6/18 - 8/03
CRN: 2731

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Registration limited to high school teachers participating in the mathematics summer RET program at Notre Dame. Teachers are expected to adapt the more elementary parts of the workshop for use in some of the mathematics courses that they are teaching.

**KROC INSTITUTE FOR INTERNATIONAL PEACE STUDIES**

*Director:*
R. Scott Appleby, Ph.D.
Dept. Tel.: (574) 631-6970

**The Program of Studies.** The Kroc Institute for International Peace Studies offers summer courses designed to meet the needs of graduate and undergraduate students enrolled during the regular academic year. It also welcomes students enrolled at other institutions who seek summer credit at Notre Dame. The courses deal with the problems of war and peace within and between nations, and encourage an imaginative quest for a world free from organized violence and respectful of human rights.

**IIPS 30922 01: Working in America since 1945**
3 credits, Graff
6/18 - 8/03  TR 1:30 PM-4:10 PM
CRN: 4197

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: This course explores the relationships among and between workers, employers, government policymakers, unions, and social movements since the end of World War II, as well as the ways in which those relationships have shaped and been shaped by American politics and culture more broadly. The United States emerged from the Second World War as the globe’s unequaled economic and political power, and its citizens parlayed that preeminence into a long postwar economic boom that created, however imperfectly, the first truly mass middle-class society in world history. At the heart of that new society was the American labor movement, whose leaders and members ensured that at least some of the heady postwar profits made it into the wallets of workers and their families - and not just the wallets of union members, as working Americans generally experienced great improvement in wages, benefits, and economic opportunity during the quarter-century ending in 1970. During those same years, civil rights activists challenged the historic workplace discrimination that kept African Americans at the bottom of the labor market, confronting the racism of employers, unions, and the government, and inspiring others, primarily Mexican-Americans and women, to broaden the push for equality at the workplace. Since that time, however, Americans have experienced a transformation in the workplace – an erosion of manufacturing and the massive growth of service and government work; a rapid decline in number of union members and power of organized labor; and unresolved conflicts over affirmative action to redress centuries of racial and gender discrimination. Meanwhile, income inequality and wealth disparities have grown every year over the past three decades. What accounts for the decline of organized labor since 1970, and why have the people of the mythic land of milk and honey experienced declining upward mobility and widening gaps between the rich and everyone else? Are these phenomena linked?

**IIPS 36201 01: Directed Readings**
Variable credits
6/18 - 8/03
CRN: 3867

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Directed readings at the 30000-level on peace studies topics outside of the specific thematic areas.

**IIPS 36401 01: Directed Readings**
Variable credits
6/18 - 8/03
CRN: 2265

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Directed readings at the 30000-level for thematic topics in Area A: The Role of International Norms, Institutions, and States in a Peaceful World.

**IIPS 36601 01: Directed Readings**
Variable credits
6/18 - 8/03
CRN: 3114

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Directed readings at the 30000-level for thematic topics in Area B: The Promotion of Social, Economic, and Environmental Justice.

**IIPS 43909 01: Citizens, Capitalists, and Rulers: The Global Sociology of Discontent**
3 credits, Vecchko
7/09 - 8/03 MTWRF 10:15 AM-12:10 PM
CRN: 4121

Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: From Egypt’s Tahrir Square to Wall Street, citizens are taking their discontent with rulers and capitalists to the streets. This course explores how global, domestic, and personal factors combine to influence street politics. We will build on social movement and collective action theories and on theories of globalization to address the following questions: What are some causes of discontent in today’s world? When does discontent lead citizens to protest? What is the role of social networks and new technologies in contemporary protest movements? When do citizens pursue non-violent or violent tactics and how likely are these tactics to succeed? We will draw insights from movements from each continent.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
INSTITUTE FOR LATINO STUDIES

IIPS 46201 01: Directed Readings
Variable credits, Lopez
6/18 - 8/03
CRN: 3868
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Directed readings at the 40000-level on peace studies topics outside of the specific thematic areas.

IIPS 46401 01: Directed Readings
Variable credits
6/18 - 8/03
CRN: 2266
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: 400-level directed readings for Area B: The Role of International Norms, Institutions, and States in a Peaceful World.

IIPS 46601 01: Directed Readings
Variable credits
6/18 - 8/03
CRN: 3116
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Directed readings for second-year Master’s students, conducted on an approved subject under the direction of a faculty member. Special permission from the Director of Masters Programs is required.

IIPS 77100 01: Completion Studies
0 credits, St. Ville
6/18 - 8/03
CRN: 3849
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Special independent study for students to finish requirements not fulfilled during the normal academic year in time for graduation.

IIPS 77101 01: Thesis Completion
0 credits, St. Ville
6/18 - 8/03
CRN: 3850
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Continued research and writing for students finishing their thesis project.

IIPS 78101 01: Thesis Direction
3 credits
6/18 - 8/03
CRN: 3019
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and writing on an approved dissertation topic, under the guidance of the dissertation advisor, for resident doctoral students who have completed all course and candidacy requirements for the PhD in Peace Studies.

IIPS 98100 01: Research and Dissertation
Variable credits
6/18 - 8/03
CRN: 3470
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and writing on an approved dissertation topic, under the guidance of the dissertation advisor, for resident doctoral students who have completed all course and candidacy requirements for the PhD in Peace Studies.

IIPS 98101 01: Non-Resident Dissertation Research
1 credit
6/18 - 8/03
CRN: 3471
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Research and writing on an approved dissertation topic for PhD candidates who are not in residence. Registration for this credit is required for a non-resident PhD candidate to maintain degree status.

IIPS 86100 01: Directed Readings
Variable credits
6/18 - 8/03
CRN: 4111
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their PhD candidacy to maintain degree status.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
The institute’s facilities include the Galería América@ND for exhibitions and special programs focusing on Latino art, while the Julián Samora Library provides students, faculty, and visitors with a scholarly and visitor-friendly environment for study and reflection. The ILS also houses the headquarters of the Inter-University Program for Latino Research, a nationwide consortium of 16 university-based Latino research centers.

**ILS 45999 01: Cross Cultural Leadership Internship Program**
3 credits, Duarte
6/01 - 8/03
CRN: 4113
Last add date: 6/06
Drop dates: refund, 6/13; last, 7/02
Description: This is a leadership internship for Cross-cultural/Urban studies working 8 weeks in Los Angeles, CA in a multicultural area with organizations dedicated to empowering local communities. Students will work with ILS to build partnerships with the agencies and people involved. Students will complete academic requirements including readings, reflection sessions, and a presentation of a synthesis paper at the end of the internship. Application and interview necessary for participation.

**ILS 46711 01: Directed Readings: Latino Studies**
Variable credits
6/18 - 8/03
CRN varies with instructor
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Independent faculty supervised readings.* credits 1-6

**The Mission Statement of the Mendoza College of Business**
Our quest is to advance knowledge through distinguished scholarship and research balanced with inspirational teaching and spirited service. We avow ethical behavior as a hallmark pursuit and live our longstanding commitment to global concern. Enriched by Notre Dame’s heritage, timeless values and collegial climate, we aspire to worldwide leadership within the academic and business communities.

**The Mission Statement of the Master of Nonprofit Administration Program**
To develop exemplary leaders serving nonprofit organizations.

**Admission Policy**
All candidates:
(1) will have completed an undergraduate degree at an accredited college or university;
(2) have two years or more experience in not-for-profit organizations;
(3) articulate a commitment to a career in the not-for-profit sector;
(4) submit two letters of recommendation;
(5) take the GRE
To execute an admission file, candidates are to complete the online application at business.nd.edu/mna, and then have official copies of all transcripts, recommendation forms, and GRE test scores sent to the M.N.A. office. Upon receipt of these documents, the admissions committee will review the file.

**The Core Curriculum:**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MNA 60410 Marketing for Nonprofits</td>
<td>3</td>
</tr>
<tr>
<td>MNA 60310 Accounting for a Nonprofit Organization</td>
<td>3</td>
</tr>
<tr>
<td>MNA 70310 Decision Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MNA 60210 Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MNA 60110 Management Communication</td>
<td>1.5</td>
</tr>
<tr>
<td>MNA 66110 Legal Environment</td>
<td>3</td>
</tr>
<tr>
<td>MNA 70110 Economics of NFP Enterprises</td>
<td>3</td>
</tr>
<tr>
<td>MNA 60510 Board Relations Management</td>
<td>1.5</td>
</tr>
<tr>
<td>MNA 70210 Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>MNA 70410 Ethics Theory</td>
<td>1.5</td>
</tr>
<tr>
<td>MNA 70610 Planning and Policy</td>
<td>3</td>
</tr>
<tr>
<td>MNA 70740 Nonprofit Management and Organizational Behavior</td>
<td>1.5</td>
</tr>
<tr>
<td>MNA 75110 Field Project</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

Total Credit Hours for Degree: 42

For a comprehensive program description, along with a schedule of summer offerings, consult the M.N.A. Web page at http://business.nd.edu/mna/.

All inquiries should be directed to the following address:
Thomas J. Harvey, M.S.W.
Director, Master of Nonprofit Administration Program
Mendoza College of Business
Notre Dame, IN 46556-5646
Tel.: (574) 631-7302
Fax: (574) 631-6532
Email: harvey.18@nd.edu

**Course Offerings**

**MNA 60110 01: Management Communication**
1.5 credits, O’Rourke
6/25 - 6/30 MTWFS 1:00 PM-5:00 PM
CRN: 2758
Last add date: 6/25
Drop dates: refund, 6/25; last, 6/27
Description: This highly compact course offers a brief survey of the communication processes, skills, theories and applications at work in the not-for-profit organizations of the North American marketplace. You will examine authentic management problems in the NFP arena, including a broad range of organizations, business models, and missions. Assessment of writing and speaking abilities, along with specific feedback to improve performance, are an important part of this one-week course open only to Master of Science in Non-profit Administration degree candidates.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
MNA 60210 01: Human Resource Management
3 credits, Bloom
6/25 - 7/05 MTWFS 8:00 AM-12:00 PM
CRN: 2759
Last add date: 6/25
Drop dates: refund, 6/26; last, 6/30
Description: Proceeding from a discussion of various theories of managing people in organizations, this course enhances management skills and the understanding of how different strategies are most effectively employed in nonprofit organizations. Management of both professional staff and volunteers is emphasized.

MNA 60310 01: Accounting in a Nonprofit Organization
3 credits, Milani, Hums
7/02 - 7/14 MTWFS 1:00 PM-5:00 PM
CRN: 2760
Last add date: 7/02
Drop dates: refund, 7/04; last, 7/08
Description: Financial and managerial accounting principles, processes and practices in a nonprofit entity are the focus of this course. In financial accounting, basic financial statements (i.e., balance sheet, activity or income statement, and the statement of cash flows) are prepared and analyzed. The managerial accounting emphasis is on budgeting along with variance generation, analysis and interpretation. In addition, coverage includes the statement of functional expenses and the basic terminology and techniques of fund accounting.

MNA 60410 01: Marketing for Nonprofits
3 credits, Urbany
7/09 - 7/20 MTWFS 8:00 AM-12:00 PM
CRN: 2761
Last add date: 7/09
Drop dates: refund, 7/10; last, 7/14
Description: This course discusses the marketing needs and approaches particular to nonprofit organizations. Included are the development of skills needed to create, implement and refine effective marketing programs for nonprofits.

MNA 60510 01: Board Relations & Management
1.5 credits, Spillett
7/16 - 7/20 MTWRF 1:00 PM-5:00 PM
CRN: 2762
Last add date: 7/16
Drop dates: refund, 7/16; last, 7/18
Description: This course focuses on the development, composition, roles and responsibilities of boards of directors for nonprofits. The partnership between the organizational executive and board in identifying and addressing management and development challenges is explored through case studies and class discussion. Students formulate action plans to resolve problems in board management.

MNA 70110 01: Economics - NFP Enterprises
3 credits, Collett-Schmitt
6/25 - 7/06 MTWFS 1:00 PM-5:00 PM
CRN: 2763
Last add date: 6/25
Drop dates: refund, 6/26; last, 6/30
Description: This course is concerned with the application of microeconomic principles to the managerial decision making process with extensive applications to the nonprofit sector. Students will analyze the demand for services; the cost to the agency of providing those services; and the internal organizational architecture of the entity providing those services. Some key concepts discussed are demand elasticity, incremental cost, the competitive assumption of perfect information, price discrimination, barriers to entry, and the assignment of decision rights.

MNA 70210 01: Financial Management
3 credits, Halloran
6/25 - 7/06 MTWFS 8:00 AM-12:00 PM
CRN: 2764
Last add date: 6/25
Drop dates: refund, 6/26; last, 6/30
Description: This course introduces students to the fundamental concepts and tools of financial analysis. Topics covered include: valuation theory and the risk-return trade-off, financial statement analysis, the time value of money, financial markets, and the valuation of securities and capital investments.

MNA 70310 01: Decision Analysis & Statistics
3 credits, Wei
7/09 - 7/20 MTWFS 8:00 AM-12:00 PM
CRN: 2765
Last add date: 7/09
Drop dates: refund, 7/10; last, 7/14
Description: This course develops students’ capacities to analyze and design operating processes by using information technologies to analyze data. Projects are designed to teach students how to interpret and weigh data and to use mathematical/computer models as tools for effective decision making and refinement of functional and strategic processes.

MNA 70410 10: Ethics in Nonprofit Organizations
1.5 credits, Murphy
7/09 - 7/14 MTWRF 1:00 PM-5:00 PM
CRN: 2766
Last add date: 7/09
Drop dates: refund, 7/09; last, 7/11
Description: This course examines ethical issues and value dilemmas facing the nonprofit manager and the nonprofit organization. Emphasis is on the formulation and implementation of organizational social policy, the development of sensitivity to moral and economic values within situations, and enhancing the ability to examine complex ethical situations and make action decisions. The role of the nonprofit manager as both a professional and an ethical leader is explored through case studies which examine ethical issues in contemporary nonprofit organizations.
between traditional mission aspirations and current market realities. This course will explore the managerial skills and organizational strategies necessary for successful nonprofit organizations.

MNA 75110 01: Field Project
3 credits, Ricke-Kieley
6/25 - 8/03
CRN: 2772
Last add date: 6/28
Drop dates: refund, 7/02; last, 7/14
Description: This is a practical application of classroom work to a nonprofit organization environment which contributes to the fulfillment of its mission. Although some literature search may be an element of the field project, the focus is on a real-world deliverable such as a business plan, web site, or marketing plan.

OFFICE OF SPECIAL INSTRUCTIONAL PROJECTS AND ACTIVITIES

PROJECT UPWARD BOUND

Director:
Stephen Ponzillo, M.N.A.
Dept. Tel.: (574) 631-9004

The Program of Studies. The Office of Special Instructional Projects and Activities offers, through its Project Upward Bound, a summer program designed to give students an opportunity to earn college credit that will transfer to the university in which they plan to enroll. Registration in the courses described below is restricted to students enrolled in Project Upward Bound.

UB 11050 01: Writing and Rhetoric Summer Studio
2 credits
6/18 - 8/03 MTWR 10:30 AM-11:50 AM
CRN: 2963
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Students in the First-Year Writing and Rhetoric Summer Program also enroll in the Summer Seminar, UB 13150, which meets in a computer lab on campus. In the studio, students practice academic writing conventions, draft and revise assignments, and conference with a writing specialist. This course is a corequisite of UB 13150.

WR 11050 01: First Year Writing and Rhetoric Summer Studio
2 credits
6/18 - 8/03 MTWR 10:30 AM-11:50 AM
CRN: 3506
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Students in the First-Year Writing and Rhetoric Summer Program also enroll in the Summer Seminar, WR 13150, which meets in a computer lab on campus. In the studio, students practice academic writing conventions, draft and revise assignments, and conference with a writing specialist. This course is a corequisite of WR 13150.

UNIVERSITY WRITING PROGRAM

Acting Director:
John Duffy, Ph.D.
Dept. Tel.: (574) 631-5427

The First-Year Writing and Rhetoric Summer Program is designed to help under-prepared or inexperienced writers fulfill Notre Dame’s First-Year Writing and Rhetoric requirement. The Program has two components, WR 13150, a traditional 3-credit seminar that fulfills the University’s composition requirement, and WR 11050, an intensive writing lab. Student who enroll in the First-Year Writing and Rhetoric Summer Program meet for seven weeks, four days per week.

WR 11050 01: First Year Writing and Rhetoric Summer Studio
2 credits
6/18 - 8/03 MTWR 10:30 AM-11:50 AM
CRN: 3506
Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: Identical in its aims, assignments, and grading criteria as first-year composition courses offered during the traditional school year, students in WR 13150 learn how to identify an issue amid conflicting points of view and craft arguments based on various sources of information. The course stresses the identification and analysis of potential counter-arguments and aims to develop skills for writing a research proposal, for conducting original research, and for using print and electronic resources from the library.

For up-to-date summer session information, please visit us online at summersession.nd.edu.
GLOBAL ISSUES-A JUST PEACE

CULTURAL, RACIAL AND SCIENTIFIC DISCOVERY

Director:
Alyssia J. Coates, Ph.D.
Dept. Tel.: (574) 631-0990

Students must submit an online application (precollege.nd.edu) by Feb. 15, 2012. Enrollment in this one-week program is limited to 40 academically superior students (20 men and 20 women), and early application is advised. Criteria for selection will include the student’s academic and standardized testing record, demonstrated leadership abilities and other extracurricular activities, personal essay and letter of recommendation.

For further information, contact the Office of Pre-College Programs at (574) 631-0990.

PCSE 03230 01: Cultural, Racial and Scientific Discovery
1 credit
7/23 - 7/27 MTWRF 9:00 AM-5:00 PM
CRN: 4025

This Seminar is an opportunity for talented, enthusiastic, and open-minded students to be enriched through spirituality and intellectual curiosity. Explore the rich historical, political and spiritual legacy of African American culture — and delve into a variety of issues from Catholic Social Teaching, to the Challenges of Science; from Notre Dame in the Local Community to Notre Dame in Africa. The Leadership Seminar provides a complete Notre Dame experience. You will stay in campus residence halls and have access to virtually all of the academic, recreational, and spiritual resources available to undergraduate students.

SCHOOL OF ARCHITECTURE CAREER DISCOVERY PROGRAM

Dean:
Michael Lykoudis, Ph.D.
Dept. Tel.: (574) 631-6137

ARCH 01110 01: Career Discovery: Architecture at Notre Dame
0 credit, DeFrees, Stamper
6/12 - 6/24 MTWRF 8:00 AM-5:00 PM
CRN: 4011

Contact department for add/drop dates.

Note: For more information, contact Marlou Hall at (574) 631-2322.

Description: Two-week summer Program for high school students interested in Architecture. A two-week summer program for high school students who have completed their sophomore or junior year, to discover the nature of architecture, and to experience university life firsthand. The studies include studio classes in architectural design and construction, freehand drawing, and lectures on the history, theory, and practice of architecture.

COLLEGE OF ENGINEERING CAREER DISCOVERY PROGRAM

Assistant Dean for Academic Affairs:
Catherine F. Pietroek, M.S.A.E., J.D.
College of Engineering
Dept. Tel.: (574) 631-5530

EG 00100 01: Introduction to Engineering
0 credit, Bualuan
6/12 - 6/25 MTWRF 9:00 AM-4:00 PM
CRN: 3355

This Seminar is an opportunity for talented, enthusiastic, and open-minded students to be enriched through spirituality and intellectual curiosity. Explore the rich historical, political and spiritual legacy of African American culture — and delve into a variety of issues from Catholic Social Teaching, to the Challenges of Science; from Notre Dame in the Local Community to Notre Dame in Africa. The Leadership Seminar provides a complete Notre Dame experience. You will stay in campus residence halls and have access to virtually all of the academic, recreational, and spiritual resources available to undergraduate students.

EG 00200 01: Introduction to Engineering
0 credit, Bualuan
7/10 - 7/23 MTWRF 9:00 AM-4:00 PM
CRN: 3356

Students must submit an online application (precollege.nd.edu) by Feb. 15, 2012. Enrollment is limited to 40 academically superior Catholic students entering their senior year (20 men and 20 women). Criteria for selection will include the student’s academic and standardized testing record, demonstrated leadership abilities and other extracurricular activities, personal essay and letter of recommendation.

For further information, contact the Office of Pre-College Programs at (574) 631-0990.

PCSE 03220 01: Global Issues-a Just Peace
1 credit, Appleby
7/23 - 7/27 MTWRF 9:00 AM-5:00 PM
CRN: 4024

This Seminar is an opportunity for talented, enthusiastic, and open-minded students to be enriched through spirituality and intellectual curiosity. Explore the rich historical, political and spiritual legacy of African American culture — and delve into a variety of issues from Catholic Social Teaching, to the Challenges of Science; from Notre Dame in the Local Community to Notre Dame in Africa. The Leadership Seminar provides a complete Notre Dame experience. You will stay in campus residence halls and have access to virtually all of the academic, recreational, and spiritual resources available to undergraduate students.

EG 00100 01: Introduction to Engineering
0 credit, Bualuan
6/12 - 6/25 MTWRF 9:00 AM-4:00 PM
CRN: 3355

For up-to-date summer session information, please visit us online at summersession.nd.edu.
for selection will include the student’s academic and standardized testing record, involvement in extracurricular activities, personal essay, letters of recommendation, and an interest in concerns related to Catholic social thought, justice, and peace.

Description: Be one of 40 rising high school seniors engaged in a stimulating one-week exploration of the future challenges facing young leaders.

Through a series of lectures by distinguished faculty, group discussions and collaborative projects, this seminar identifies contemporary challenges to the establishment of justice and a sustainable peace in a world being transformed by the processes of “globalization”. We do so, students and faculty working together, by viewing a host of issues - including terrorism, governmental corruption and structural violence, systematic violations of human rights, religious and ethnic conflict, environmental degradation and resource wars, and nuclear arms proliferation - through the lens of Catholic social teaching. We ask, further, how the principles of social justice must be developed and adapted to address these new challenges.

Global Issues-A Just Peace also provides a complete Notre Dame experience. Students stay in campus residence halls and have access to virtually all of the academic, recreational, and spiritual resources available to undergraduate students.

IDENTITY AND SOCIAL INTEGRATION

Director:
Alyssia J. Coates, Ph.D.
Dept. Tel.: (574) 631-0990

Students must submit an online application (precollege.nd.edu) by Feb. 15, 2012. Enrollment in this one-week program is limited to 40 academically superior students (20 men and 20 women), and early application is advised. Criteria for selection will include the student’s academic and standardized testing record, demonstrated leadership abilities and other extracurricular activities, personal essay, and letter of recommendation.

For further information, contact the Office of Pre-College Programs at (574) 631-0990.

PCSE 03240 01: Identity and Social Integration
1 credit, Garcia-Romero
7/23 - 7/27 MTWRF 9:00 AM-5:00 PM
CRN: 4026
Contact department for add/drop dates.
Note: Students must submit an online application (precollege.nd.edu) by Feb. 15, 2012. Enrollment in this one-week program is limited to 40 academically superior students (20 men and 20 women), and early application is advised. Criteria for selection will include the student’s academic and standardized testing record, demonstrated leadership abilities and other extracurricular activities, personal essay, and letter of recommendation.
Description: As one of 40 young scholars hosted at the University of Notre Dame next summer, you will be inspired to address the issues of social change as a future leader.

This seminar addresses the issues of identity and social change and how individual, institutional and social inequity manifest in society. Students will explore the rich historical, intellectual, artistic and spiritual legacies of the Latino culture and analyze a variety of issues through the lens of Catholic social teaching. Students will learn how greater understanding of identity will develop deeper insight into working effectively as leaders with individuals of diverse cultural backgrounds.

The Leadership Seminar also provides a complete Notre Dame experience. Students stay in campus residence halls and have access to virtually all of the academic, recreational, and spiritual resources available to undergraduate students at Notre Dame. If you are accepted into this special program, all expenses—including transportation to and from Notre Dame—will be paid by the University.

SUMMER SCHOLARS

Director:
Alyssia J. Coates, Ph.D.
Dept. Tel. (574) 631-0990
July 9– July 20, 2012

A two-week summer program for high school students who have completed their sophomore or junior year and are serious about pursuing an academic opportunity at Notre Dame, to explore their interests in fields of study while in residence on the Notre Dame campus. Summer Scholars participants will have, to the extent possible, the full experience of a Notre Dame student: academic courses and fieldwork with some of Notre Dame’s finest faculty members, as well as the residential, social, and spiritual connections that come with living in a residence hall.

Academic tracks will be offered in the fields of entrepreneurship, film, Galileo, All Roads Lead to Rome, Brothers Karamazov, life sciences, literature, policy debate and public speaking, pre-law, pre-med, psychology, theatre, Research Computing Expeditions, and theology. Students will experience a variety of formats including interactive lectures, laboratory work, collaborative learning, computer and video material, group discussions, and field trips.

Students must apply for the academic track of their choice by February 15, 2012. Because enrollment will be limited to 10–30 students per track, early application is advised. Admissions decision letters will be mailed by April 15. Criteria for selection will include the student’s academic and standardized testing record, involvement in extracurricular activities, personal essay, a guidance counselor report, and one letter of recommendation from a guidance counselor or current teacher.

For further information on the academic tracks, other aspects of Summer Scholars, and to apply online, please visit our website: precollege.nd.edu.

PCSE 00212 01: Literature: Faith, Imagination, and Justice
0 credit, Werge
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4013
Contact department for add/drop dates.
Description: Faith, Imagination, and Justice: A consideration of the spiritual dimensions of literature from fairy tales to recent American narratives. Special concerns: faith, writing, and commitment; art and empathy; the dynamism between literature and life; the sacramental imagination; and visions of justice, community, and the dispossessed. The program will engage students with questions related to community and social justice through reading, personal writing exercises, discussion, and volunteer service. Students

For up-to-date summer session information, please visit us online at summersession.nd.edu.
should also expect to view and discuss several topic-related films, hear from selected guest speakers, and participate extensively in community service projects with local groups working with the afflicted and homeless.

**PCSE 00213 01: Psychology: Past, Present, and Future**
0 credit, Venter
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4014
Contact department for add/drop dates.
Description: There are many common misconceptions about the discipline of psychology. Often times, psychology is thought of as a field based on “common sense” which lacks a foundation in science. This course aims to rectify these views by presenting theory, research, and real-world applications related to the science of psychology.

Students in the psychology track will explore the science of psychology and will be exposed to directions that this field is likely to take in the near future. In addition, they will gain a better understanding of why human beings think, feel, and act in certain ways as well as an understanding of how research-based treatments can assist people who are suffering from mental disorders. Students will learn about the various subfields of psychology, including developmental, clinical, quantitative, and cognitive, and will gain an understanding about the work of professionals in each of these areas. A primary emphasis of this track will be on translational research, which focuses on bridging the “bench to bedside gap” and disseminating empirically based information to the public in meaningful and relevant ways.

**PCSE 00214 01: Theology: The Irresistible Revolution: Jesus, Society, and You**
0 credit, Griffin, McCarthy
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4015
Contact department for add/drop dates.
Description: As many Catholic theologians have noted, we live in a church that can and cannot change. In other words, the core reality of the Church does not change. But looking at history, we see a lot of change. So, how do we understand - from the perspective of Christian faith - all the change that has taken place both outside and inside the Church?

In this stimulating seminar we will look at many aspects of this question, from how huge changes in scientific knowledge have affected believers to how huge changes at Vatican II have affected the world. The approach will be multi-disciplinary, so students with an interest in a wide variety of topics—from science to economics, from politics to spirituality—will find this to be an exciting conversation with some of Notre Dame’s most brilliant thinkers.

The seminar will include dynamic presentations from Notre Dame professors as well as time for class discussion. One interesting “extra” that will be a fascinating exploration of change: we will go on a field trip to visit with the Amish, a community which is often described as ‘not changing.’ Our time on this trip and all of our learning in the classroom will clearly get us thinking about how we find our bearings in a rapidly changing world.

**PCSE 00215 01: Pre-Law: Jurisprudence, Justice, and the American Legal System**
0 credit, Venter
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4029
Contact department for add/drop dates.
Description: From Capitol Hill to the courthouse, the workings of law in American society have shaped, and continue to shape, our very way of life. This track will expose students to the many facets of the American legal system. The groundwork for this track will be laid in the exploration of the United States Constitution, as well as current legal issues. Students will also participate in an active investigation of the court system, from both a civil and criminal law perspective.

Additionally, students will learn about rules of evidence and investigate various areas of substantive law, including tort law, constitutional law, criminal law, and federal anti-discrimination laws. The track is delivered through a combination of classroom lectures, discussions, team projects, student presentations, field trips, and mock trials.

**PCSE 00216 01: Policy Debate and Public Speaking: Building Skills to Boost Success**
0 credit, Claus
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4016
Contact department for add/drop dates.
Note: For information on the availability of scholarships to underwrite part of the tuition for this track, please contact the Office of Pre-College Programs at (574) 631-0990.

Description: This track uses a debate format to help you develop skills that will also enhance your academic work. We will work within the format of policy debate, an exciting component of Notre Dame’s debate program. Because policy debates present detailed arguments about one topic, they require strong research and writing skills—skills that will benefit you in debate and in your academic work.

The first half of the program provides opportunities to develop skill in public speaking through short informative and persuasive speeches and interviews. We will also watch clips from film and television programs that illustrate points raised in class. To help you develop arguments for your debates, we will work with Notre Dame’s extensive library holdings. You will learn how to use a college library and work with electronic databases and specialized journals. Field trips will also offer opportunities to gather material for your presentations. After you’ve gathered evidence for your topics, Notre Dame faculty and graduate students will help you develop briefs, hone your arguments, and give you intensive, one-on-one instruction in making presentations.

**PCSE 00217 01: Film and Video Production: Making Movies Under the Dome**
0 credit, Mandell
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4017
Contact department for add/drop dates.
Description: Film and video production can take many forms, from television news production, to commercial production, to documentary and feature filmmaking. The production process is communal. No one person can produce a film. It’s a group effort, and the Summer Scholars Film Track allows students to work closely with their peers as crew members and creative collaborators, learning from each other and making friendships that last well beyond their two weeks on campus.

Students will learn the history of motion pictures, study the craft of filmmaking, and actually produce and direct their own short film, which will be screened at the end of the summer experience inside the state-of-the-art THX Browning Cinema right on the Notre Dame campus.
PCSE 00218 01: Acting for Stage and Film: Acting Professionally
0 credit, Scott
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4018
Contact department for add/drop dates.
Description: Ever wonder what it takes to become a professional actor? The art and skill of acting are only a part of the puzzle. What do actors do when they aren’t acting? The actor is an independent contractor who markets and interviews and negotiates for work.
The Summer Scholars Acting Track covers both acting training and the business of being an actor. In the first week, students study voice and movement, scene study, and monologue preparation. Script analysis, improvisation, and character studies give actors the tools to create memorable performances. All classes are held in the Marie P. DeBartolo Center for the Performing Arts, a state-of-the-art facility with multiple theatres, classrooms, and a soundstage.
Week two covers the business of being an actor, and acting for film and television. Students will travel to Chicago to see a play and meet with professional actors and directors. Each participant will create a résumé, take starter headshots, and perform in short scenes that will be open to all Summer Scholars participants.

PCSE 00219 01: Voice: Opera and Song
0 credit, Beudert
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4019
Contact department for add/drop dates.
Description: The Summer Scholars Voice track covers the technical, physical, spiritual, and business aspects of singing. Daily instruction in vocal technique, musical skills, acting, diction, and style will help prepare singers for careers in college and beyond. In addition, discussion and research on the nature of musical performance and its place in society will enrich the practical aspects of the singer’s craft. Finally, specific advice and direction on career development will help young singers begin to plan for their future. This track is open to serious high school singers who are contemplating college study in voice. In addition to the basic application, singers must submit an audition CD (video preferred), two letters of recommendation from musical authorities (one must be from your current voice teacher), a performing and educational résumé, and a representative aria and song repertoire list.
The repertoire to be worked on (both art song and opera as appropriate) will be chosen on the basis of audition tapes and discussions with the students’ teachers. Final performances for the entire Summer Scholars community will enable singers to put their newfound knowledge to practical use. A field trip to the exciting Chicago summer classical music life is planned.

PCSE 00220 01: This World and the Next: Love, Life and God in The Brothers Karamazov
0 credit, Gasperetti
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4021
Contact department for add/drop dates.
Description: The place of Fyodor Dostoevsky’s final, and greatest, novel, The Brothers Karamazov (1880), is firmly set in the annals of literary history. Not only did it help to redefine the novel genre, but it has remained a classic of Western literature for over 125 years. In this two-week track, students will find some of the most profound and illuminating statements ever made on a variety of topics, from the nature of God and faith to the challenges posed by the growing culture of late-nineteenth-century materialism, from the spiritual liberation found in the power of love and suffering to the moral and psychological destructiveness of false utopias.
Working with one of the leading scholars on The Brothers Karamazov, the students will strive to unlock Dostoevsky’s structural innovations, analyze his complex psychological characterizations, and interpret his rich system of symbols and allegories in order to get a clearer understanding of his view of the individual, of society, and of life itself - both in this world and the next. In addition, the program will include a cultural excursion to Chicago.

PCSE 00224 01: Research Computing Expeditions
0 credit, Brenner, Stitt
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4020
Contact department for add/drop dates.
Description: Our world community faces many grand challenges such as developing sustainable energy, understanding climate change, curing disease, and stabilizing international crises to promote peaceful resolution. The solutions to these challenges will require talented young thinkers working together across multiple disciplines such as engineering, science, business, and the humanities. These bright individuals will need both access to and understanding of the world’s best technical tools to address the inherent complexity. In our discipline we call these tools research computing and the student scholars who join us for the summer will have the opportunity to learn first hand their amazing power to solve some of the hardest problems. If you think your laptop, iPhone, or Xbox is impressive (and they are), you will marvel at your new understanding and access to systems with over 1000 times the capability of your consumer systems.
In the first week of the program you will be introduced to High Performance Computing (HPC) and have the opportunity to work in teams to build and operate your own modest “super computer”. You will be introduced to the operating system environments (Linux), computer programming languages (C++) and scripting languages (Python and shell) that harness some of the world’s most powerful computers. By the end of the week you will be running simulations of hurricanes, molecular proteins, and social networks. In week two we will introduce a broader view of research computing to include 3D visualizations, large distributed data sharing, interactive web development, and mobile device programming. We will then finish the week and the program with a capstone opportunity for students to shadow members of our research and development team. Throughout the program there will be a continuous focus on motivating and inspiring participants to explore the use of research computing in their fields of interest. Whether they aspire to be a doctor, lawyer, engineer, business entrepreneur, or philosopher, their new understanding of the research computing tools available to them will give them a substantial boost toward a successful career.

PCSE 00226 01: Galileo and the Church: Exploring Faith and Reason
0 credit, Stapleford
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4221
Contact department for add/drop dates.
Description: In 1633, Galileo Galilei was convicted of heresy by the Catholic Church. For up-to-date summer session information, please visit us online at summersession.nd.edu.
revolved around the Sun, a claim that theologians dismissed as contrary to scripture. Today, this episode embarrasses many Catholics and seems to exemplify what has been called the “warfare between science and theology.” Yet the events leading to Galileo’s condemnation were more complex than they might appear. Rather than being a simple case of faith vs. reason, the trial was awash in political intrigue, legal maneuvering, accusations of forgery and procedural errors, theological disputes, and thorny philosophical debates about the reliability of scientific knowledge and the truth of Galileo’s claims.

In this course, you will have the chance to examine the evidence firsthand -- including letters, books, and trial records from the Vatican archives - and to make your own judgment about the causes of Galileo’s conflict with the Church and what it can tell us about the relationship between faith and reason. To assess Galileo’s trial, we need to understand the scientific, political, and theological context in which he worked. This track thus offers a rich mixture of material from different disciplines. We will visit planetariums, build telescopes, and observe the stars to learn about what Galileo saw in the heavens and why his discoveries became so important; we will study the turbulent history of European politics in the years following the Protestant Reformation and its effect on the Vatican; and we will examine the scientific, philosophical, and theological questions that were raised by Galileo’s work. You will have the opportunity to learn from internationally-known scholars even as you study the original documents yourself, including texts from the Notre Dame library’s rare books collection. We will explore how the tension between Scripture and science was eventually resolved, how our understanding of the structure of the cosmos has evolved since Galileo’s time, and how leading theologians and philosophers conceive of the relationship between science and faith today.

**PCSE 00227 01: “All Roads Lead to Rome”**

0 credit, Cachey, Moevs
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4223

Contact department for add/drop dates.
Description: The proverb “All roads lead to Rome,” first recorded in writing in 1175 by the theologian and poet Alain de Lille, remains as true today as it was in the Middle Ages. Literally true for ancient Rome as the center of a millennial world empire, the phrase remains true for Rome as the epicenter of classical, Italian, and Christian civilization, a phenomenal concentration of history, art, culture, and spirituality that has continued to nourish and inspire world civilization through the centuries to this day.

Italian Studies at Notre Dame invites you to explore Rome, Italy, and the World in the Summer Scholars at Notre Dame program. Our two-week seminar takes the city of Rome as its destination, viewed from perspectives of archeology, architecture and art, political and social history, the cinema, literature, and music. It is designed for high school students with an interest in Rome and in Italy who seek an intellectually challenging and richly diverse and innovative immersion experience in the Mirabilia Urbis Romae (Marvels of the City of Rome).

**PCSE 00228 01: Pre-Med**

0 credit, Wingert
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4222

Contact department for add/drop dates.
Description: Medicine is an exciting and fast-moving field in which current scientific research is translated into treatment through clinical trials. In addition, students will learn about the different components of business required of entrepreneurs. Teams will also be developing a business plan for an original idea from each group. The week culminates in a formal, final event in which your team will present your business plan in a simulated business-presentation environment.

From Main Street to Wall Street, the business world is both dynamic and exciting. This two-week program will not only open your eyes to some of the intricate dynamics of the field but will also serve as a solid foundation to understanding how businesses function. From daily stock tracking to keynote speakers to stimulating field trips, you will have the opportunity to delve deeper into your comprehension of business while simultaneously applying that knowledge to daily challenges. Facilitated by senior-level staff from the University’s Gigot Center for Entrepreneurial Studies, you will have access to faculty members from Notre Dame’s Mendoza College of Business and entrepreneurs from the area. Intriguing lectures on topics including Business Ethics, Communications and Public Speaking, Marketing, Operations, Venture Capital and Finance will help you gain a broad appreciation for Entrepreneurship.

The students will work extensively with other members to learn and experience the different components of business required of entrepreneurs. Teams will also be developing a business plan for an original idea from each group. The week culminates in a formal, final event in which your team will present your plan in a simulated business-presentation environment.

Business is one aspect of our society that will continue to reward those who have a broad understanding of their field and can subsequently apply their strengths to specific areas. At the conclusion of this program, you will have begun to lay that foundation and start to have enough information to identifying your key area of interest. Furthermore, you should have an improved understanding of how investors and entrepreneurs think, what the college experience at Notre Dame is like, and how your own college experience will ultimately position you to enter the business world!
PCSE 00510 01: Life Sciences: Ecology/Environmental Science and Molecular Genetics
0 credit, Olsen, Lewis
7/09 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 4028
Contact department for add/drop dates.
Description: The Life Sciences track will cover two major content areas: Ecology/Environmental Science and Molecular Genetics of Disease. Topics covered within these areas will highlight both basic research conducted by Notre Dame faculty and the connection of this research to applied fields in industry, medicine and environmental management. Students will investigate these topics using a variety of formats including interactive lectures, laboratory work, collaborative learning, computer and video material, group discussions, and field trips. Students will be exposed to the philosophy of scientific investigation, current techniques used in field and laboratory research, and analysis and communication of experimental results. Field trips will include biodiversity and ecosystem management studies at Michigan’s Warren Dunes and a visit to some of Chicago’s science-related museums.
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The Spirit of Inclusion at Notre Dame
“Strangers and sojourners no longer…” (Ephesians 2:19)

The University of Notre Dame strives for a spirit of inclusion among the members of this community for distinct reasons articulated in our Christian tradition. We prize the uniqueness of all persons as God’s creatures. We welcome all people, regardless of color, gender, religion, ethnicity, sexual orientation, social or economic class, and nationality, for example, precisely because of Christ’s calling to treat others as we desire to be treated. We value gay and lesbian members of this community as we value all members of this community. We condemn harassment of any kind, and University policies proscribe it. We consciously create an environment of mutual respect, hospitality, and warmth in which none are strangers and all may flourish.

One of the essential tests of social justice within any Christian community is its abiding spirit of inclusion. Scriptural accounts of Jesus provide a constant witness of this inclusiveness. Jesus sought out and welcomed all people into the Kingdom of God - the gentile as well as the Jew, women as well as men, the poor as well as the wealthy, the slave as well as the free, the infirm as well as the healthy. The social teachings of the Catholic Church promote a society founded on justice and love, in which all persons possess inherent dignity as children of God. The individual and collective experiences of Christians have also provided strong warrants for the inclusion of all persons of good will in their communal living. Christians have found their life together enriched by the different qualities of their many members, and they have sought to increase this richness by welcoming others who bring additional gifts, talents, and backgrounds to the community.

The spirit of inclusion at Notre Dame flows from our character as a community of scholarship, teaching, learning, and service founded upon Jesus Christ. As the Word through whom all things were made, Christ is the source of the order of all creation and of the moral law that is written in our hearts. As the incarnate Word, Christ taught the law of love of God and sent the Holy Spirit that we might live lives of love and receive the gift of eternal life. For Notre Dame, Christ is the law by which all other laws are to be judged. As a Catholic institution of higher learning, in the governance of our common life we look to the teaching of Christ, which is proclaimed in Sacred Scripture and tradition, authoritatively interpreted by Church teaching, articulated in normative understandings of the human person, and continuously deepened by the wisdom born of inquiry and experience. The rich heritage of the Catholic faith informs and transforms our search for truth and our understanding of contemporary challenges in higher education.

This statement was adopted by the officers of the University on August 27, 1997.