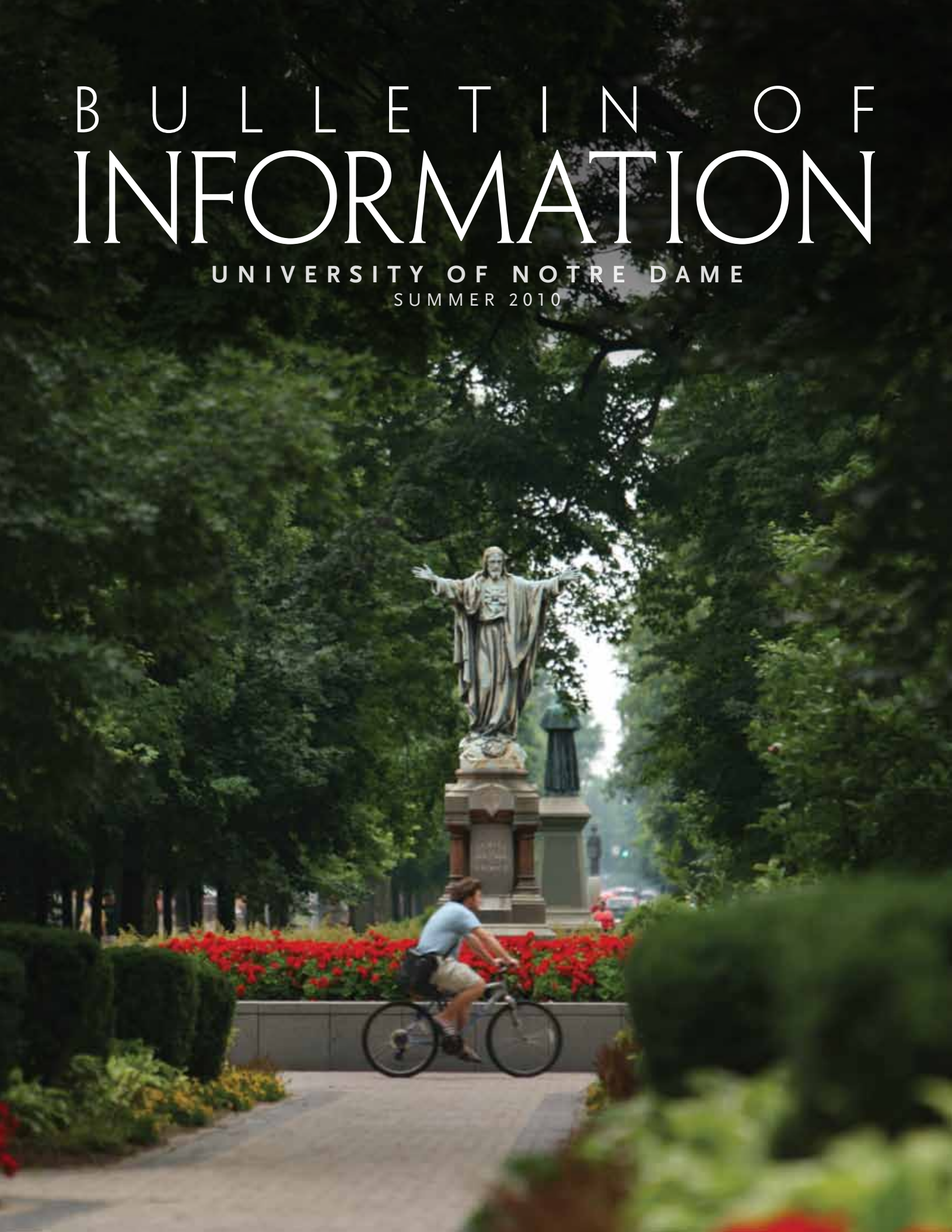


# BULLETIN OF INFORMATION

UNIVERSITY OF NOTRE DAME  
SUMMER 2010



# 2010 Bulletin of Information

## University of Notre Dame

### Summer Session

#### University of Notre Dame

Office of the Registrar/  
Summer Session Office

#### Office Hours

8:00 a.m.–4:30 p.m.

#### Address

105 Main Building  
Notre Dame, IN 46556

#### Telephone

(574) 631-7043

#### Fax

(574) 631-3865

#### Email

sumsess.1@nd.edu

#### URL

nd.edu/~sumsess

**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

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The text pages of this *Bulletin* were printed on recycled paper.

# ACADEMIC CALENDAR 2010

## JUNE

| S  | M  | T  | W  | R  | F  | S  |
|----|----|----|----|----|----|----|
|    |    | 1  | 2  | 3  | 4  | 5  |
| 6  | 7  | 8  | 9  | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 |    |    |    |

## JULY

| S  | M  | T  | W  | R  | F  | S  |
|----|----|----|----|----|----|----|
|    |    |    |    | 1  | 2  | 3  |
| 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

## AUGUST

| S  | M  | T  | W  | R  | F  | S  |
|----|----|----|----|----|----|----|
|    |    |    |    |    |    |    |
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 |    |    |    |    |

### TRADITIONAL SUMMER SESSION DATES

(PLEASE NOTE SOME COURSES BEGIN/END OUTSIDE THE TRADITIONAL DATES.)

#### June 21, 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 21, Monday

Classes begin at 8:00 a.m.

#### June 25, Friday

Last date to add regular 7-week summer session classes

#### June 29, Tuesday

Last date to drop regular 7-week summer session classes with full refund

#### July 14, Wednesday

Last date to drop regular 7-week summer session classes

#### July 16, Friday

Latest date for master's comprehensive examinations and Ph.D. dissertation defenses for graduation in August 2010

#### July 23, Friday

Latest date for applying for admission to candidacy for the doctor's or master's degree to be awarded August 2010

#### July 23, Friday

Latest date for presenting completed theses and dissertations in the Graduate School Office for graduation in August 2010

#### August 6, Friday (7-week classes)

Last class day

### TRIAL SUMMER SCHEDULE SHEET (USE BEFORE YOU PREPARE APPLICATION FORM)

| DEPARTMENT           | COURSE NO. | COURSE REF NO. (CRN) | SECTION | CREDITS | CLASS TIMES | CLASS DAYS | COURSE DATES |
|----------------------|------------|----------------------|---------|---------|-------------|------------|--------------|
| *AFST                | 10401      | 3791                 | 01      | 3       | 8:55-10:15  | MTWR       | 6/21-8/6     |
|                      |            |                      |         |         |             |            |              |
|                      |            |                      |         |         |             |            |              |
|                      |            |                      |         |         |             |            |              |
|                      |            |                      |         |         |             |            |              |
|                      |            |                      |         |         |             |            |              |
|                      |            |                      |         |         |             |            |              |
|                      |            |                      |         |         |             |            |              |
|                      |            |                      |         |         |             |            |              |
| <b>TOTAL CREDITS</b> |            |                      |         |         |             |            |              |

\* EXAMPLE

## THE UNIVERSITY AND THE SUMMER SESSION

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## 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 30 specific areas, as well as in interdisciplinary programs such as Irish studies, medieval 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 2010 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 17 through the course add and drop dates published in this *Bulletin*. In addition, this information and updates can be viewed by selecting "Class Search" in *insideND* ([inside.nd.edu](http://inside.nd.edu)) or from the Office of the Registrar home page.

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 "Class Search" in *insideND* ([inside.nd.edu](http://inside.nd.edu)) or from the Office of the Registrar home page.

Instructions for web registration (course selection) by Notre Dame continuing students will be available on the web at [registrar.nd.edu](http://registrar.nd.edu) in early March. Continuing students may "Add or Drop Classes" on *insideND* ([inside.nd.edu](http://inside.nd.edu)) according to the dates displayed with each course.

Forms for on-campus meal plans and housing are available at [nd.edu/-sumsess](http://nd.edu/-sumsess).

Notre Dame 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 [nd.edu/-sumsess](http://nd.edu/-sumsess).

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 Registrar's Office.

Instructions for the web registration system will be available on the web at [registrar.nd.edu](http://registrar.nd.edu) in early March.

**Student Status.** New students seeking the master of arts degree at Notre Dame must complete the Graduate School online application as degree-seeking when it becomes available (approximately March 1).

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.

Nondegree undergraduate students who wish to attend courses, but who will receive no academic credit at Notre Dame, should apply as graduate audit students. Such students will not receive grades in the courses they audit.

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 "Class Search" in *insideND*

(inside.nd.edu) or from the Office of the Registrar home page (registrar.nd.edu).

Students should use the entire COURSE ID when completing either the application/course selection form. 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.

#### 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.–8:00 p.m.,  
New York time)  
Fax: (610) 290-8972  
Website: toefl.org

## ND ROLL CALL

ND Roll Call is another step in admission to the summer session 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 stu-

dents 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 a summer session 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 a Notre Dame 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 at the time of enrollment, before beginning classes. 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 21–25) must complete the ND Roll Call process no later than Friday, June 25. 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 Registrar, 105 Main Building.

#### 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 21–25) 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 - i.e., special studies courses, directed readings courses, or thesis or dissertation research - may complete the ND Roll Call process as early as Monday, May 17.

## 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  |

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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, a 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 21–25) may be added after Friday, June 25.

No seven-week course that begins during the first week of the summer session (June 21–25) may be dropped after Wednesday, July 14, 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 for each course will be available on the Summer Session website at [nd.edu/~sumsess](http://nd.edu/~sumsess). They will also be available by selecting "Class Search" in *insideND* ([inside.nd.edu](http://inside.nd.edu)) or from the Office of the Registrar ([registrar.nd.edu](http://registrar.nd.edu)) home page.

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 Office of the Registrar.

Non-Notre Dame summer-only students who have registered using the online application for courses may change their course selections by contacting the Office of the Registrar prior to their arrival on campus. After arrival on campus, summer-only students must use the University's Web registration system through *insideND* ([inside.nd.edu](http://inside.nd.edu)) to make course changes, 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.

Summer-only students may access the University's Web registration system through

*insideND* ([inside.nd.edu](http://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 2010" 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 25, 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 appropriate associate or assistant dean of the college in which the student is enrolled. First-year students should seek the approval of the dean of the First Year of Studies.

Schedule changes requested by students pursuing a Notre Dame graduate degree or by undergraduate and graduate nondegree students 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 Registrar, 105 Main Building.

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 Registrar, 105 Main Building.

**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 assistant vice president for Residence 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.

### **Withdrawal from the Summer Session.**

Notre Dame undergraduate students who wish to withdraw from the University at any time during the summer session must obtain (1) a Request to Withdraw from the University form from the Office of the Registrar and (2) permission from the appropriate assistant or associate dean of their college. These steps are necessary in order to avoid failure in all summer session courses and to receive possible financial adjustment.

Notre Dame graduate students, and all nondegree students, who wish to withdraw must obtain permission from the director of the summer session.

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

**The Undergraduate Grading System.**

| <i>Letter Grade</i> | <i>Point Value</i> | <i>Description</i>                            | <i>Explanatory Comments</i>  |
|---------------------|--------------------|---|--|
| A                   | 4.000              | Truly Exceptional                             | Work meets or exceeds the highest expectations for the course  |
| A-                  | 3.667              | Outstanding                                   | Superior work in <i>all</i> areas of the course  |
| B+                  | 3.333              | Very Good                                     | Superior work in <i>most</i> areas of the course   |
| B                   | 3.000              | Good  | Solid work across the board  |
| B-                  | 2.667              | More than Acceptable                          | More than acceptable, but falls short of solid work  |
| C+                  | 2.333              | Acceptable: Meets <i>All</i> Basic Standards  | Work meets all the basic requirements and standards for the course   |
| C                   | 2.000              | Acceptable: Meets <i>Most</i> Basic Standards | Work meets most of the basic requirements and standards in several areas   |
| C-                  | 1.667              | Acceptable: Meets <i>Some</i> Basic Standards | While acceptable, work falls short of meeting basic standards in several areas.  |
| D                   | 1.000              | Minimally Passing                             | Work just over the threshold of acceptability  |
| F                   | 0                  | Failing                                       | Unacceptable performance   |
| X                   | 0                  |   | Given with the approval of the student's dean in extenuating circumstances beyond the control of the student. It reverts to "F" if not changed within 30 days after the beginning of the next semester in which the student is enrolled. |

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.

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

| <i>Letter Grade</i> | <i>Grades that may be given but are not included in the computation of the average</i>  |
|---------------------|---|
| P                   | 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. |
| S                   | 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).   |
| U                   | Unsatisfactory work (courses without semester credit hours, as well as research courses, departmental seminars or colloquia or directed studies; workshops; field education and skill courses).   |
| V                   | Auditor (graduate students only).   |

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.

|    |                                     |
|----|-------------------------------------|
| A  | 4                                   |
| A- | 3.667                               |
| B+ | 3.333                               |
| B  | 3                                   |
| B- | 2.667                               |
| C+ | 2.333                               |
| C  | 2                                   |
| F  | 0                                   |
| I  | 0--(Until Incomplete is removed)    |
| NR | Not reported                        |
| S  | 0--Satisfactory                     |
| U  | 0--Unsatisfactory                   |
| V  | 0--Auditor (graduate students only) |
| W  | 0--Discontinued with permission     |

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



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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 neither quality-point nor credit-hour value. 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 <http://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 15.000 percent of the student's college or school, a degree will be granted with high honors (*magna cum laude*); 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 Catholicum Universitatum 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](http://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, 105 Main Building, Notre Dame, IN 46556.

## TUITION, FEES, AND FINANCIAL AID

**Tuition and Fees.** Tuition and fees for the summer session of 2010 are as follows:

|  |       |
|--|-------|
| Undergraduate tuition per semester hour              | \$772 |
| Undergraduate tuition for auditing per semester hour | \$772 |
| Graduate tuition per semester hour                   | \$392 |
| Graduate tuition for auditing per semester hour      | \$392 |

**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 any person 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 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 contact the Immigration Services Office through its website at [issa.nd.edu/](http://issa.nd.edu/).

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

## HOUSING, LAUNDRY, AND MEALS

A variety of University Food Service meal plans may be purchased using forms provided at [nd.edu/~sumsess](http://nd.edu/~sumsess). Students who wish to buy a meal plan may complete and return the summer session form or contact University Food Services upon arrival at Notre Dame.

**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](http://inside.nd.edu)) under the "Student

Resources” tab, “Residence Life & Housing”, click “Home Under the Dome”. Single- and multi-occupancy rooms are available for men and women in separate designated residence halls, for both undergraduate and graduate students. 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 19.** 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, wardrobe, and sink.

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 2010. 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 residence halls:*

|                  |   |
|------------------|---|
| single-occupancy | \$215 per week (graduate students only) |
| multi-occupancy  | \$160 per week                          |

*Non-air-conditioned residence halls:*

|                  |                |
|------------------|----------------|
| single-occupancy | \$160 per week |
| multi-occupancy  | \$125 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 [orlh@nd.edu](mailto:orlh@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 Residence Life

and 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 Residence Life and Housing should be notified immediately in writing.**

Requests for **early or late arrivals** must be submitted, in writing, to the Office of Residence Life and 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 7.

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 Residence Life and Housing and Student Affairs staff. These can be found at [orlh.nd.edu](http://orlh.nd.edu).

**Laundry.** University laundry service for personal items is not available. Coin-operated washers and dryers are available to summer residents in all residence halls.

**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 and charge a meal plan to your provided Student Account charge account (which is invoiced by and payable monthly to the Office of Student Accounts in the Main

Administration Building), please obtain an electronic Meal Plan application through our website at [food.nd.edu](http://food.nd.edu) (under ‘Meal Plans’, then ‘Summer Session’) and submit it electronically to [icard@nd.edu](mailto:icard@nd.edu) or in the mail to the provided address (if paying by check). Once your application is received by Card Services, please allow two business days for processing (hence the recommendation to purchase in advance of your arrival). Unused meals are nonrefundable and do not carry over to any following week. For additional information, please visit [food.nd.edu](http://food.nd.edu), or contact Card Services at (574) 631-7814 or in person in the South Dining Hall, north entrance, on the lower level.

Summer session meals begin June 1, 2010 and end August 5, 2010. The following meal plans may be purchased for any number of weeks. Note: There will be no dinner meal on Friday, June 4, 2010.

**Blue Plan** (Up to 21 meals per week/3 meals per day): \$154 per week

**Gold Plan** (Up to 14 meals per week in any combination): \$132 per week

**Perfect 10** (Up to 10 meals per week in any combination): \$105.75 per week

**Perfect 5** (Up to 5 meals per week in any combination): \$55.50 per week

**Flex Points Blocks.** With the aforementioned Meal Plan application, you may purchase Flex Points to be 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. One Flex Point is equivalent to one dollar. 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 6, 2010. Visit [food.nd.edu](http://food.nd.edu) for a complete listing of Food Services locations.

**Individual Meals.** As an alternative to a meal plan, individual meals may also be purchased in the South Dining Hall at the following rates (your Notre Dame Student ID is required at time of purchase):

**Breakfast:** \$7.57

**Lunch:** \$11.31

**Dinner:** \$12.71

## STUDENT ACCOUNTS

**Payment Regulations.** Student financial accounts should be settled at or before the time of enrollment. This includes Notre Dame continuing students who owe balances from previous academic year semesters or summer sessions. Statements will be mailed 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 of grades. Also, diplomas, professional certificates, transcripts of credit, or other information concerning academic or disciplinary records will not be given until an account is paid in full.

**Refunds/Dropping a Course.** Students who drop a particular course are entitled to a full refund for the course, provided (a) it is not the student's only course - this would be withdrawal from the summer session - and (b) the course is dropped on or before the refund date shown immediately above the course description.

There are no other situations in which tuition will be refunded.

There is no reduction of tuition or fees because of late enrollment.

## 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](http://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.

This brochure is available by contacting:

Office of the Director  
University Security/Police  
204 Hammes-Mowbray Hall  
Notre Dame, IN 46556-5675  
Tel.: (574) 631-8338  
Website: [ndsp.nd.edu](http://ndsp.nd.edu)

**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](http://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 pub-  
lications, archives and collections and three  
million pages of digital resources important  
to research. The then University Libraries  
were elected to the Association of Research  
Libraries in 1962.

For further information about library facili-  
ties and services, call (574) 631-6258, or go  
to the following website: [library.nd.edu/](http://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 ill-  
ness/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, Building 1035, on the  
University map. 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.

## UNIVERSITY COUNSELING CENTER

**Counseling Services.** The University  
Counseling Center (UCC) offers professional  
services to degree-seeking graduate and  
undergraduate students of the summer  
session. The UCC is devoted to meeting  
student needs and assisting students with  
their problems and concerns. These concerns  
might include personal growth and self-  
enhancement, vocational issues, academic  
anxieties, interpersonal relationships and  
social difficulties, depression, substance  
abuse and addiction, and a number of more  
severe emotional and psychological issues.  
Thus, services are offered for a full range  
of psychological issues. The UCC operates  
under an ethical code of strict confidentiality.  
The UCC also provides consultation to the  
University community. Faculty and staff, as  
well as students, may consult with the UCC  
staff in regard to situations related to students  
and student-life problems.

During the summer the UCC is staffed by  
licensed professional psychologists, counsel-  
ors, social workers, a psychiatrist and doctoral  
psychology interns who are supervised by  
psychologists. During the academic year the  
UCC also employs a nutritionist.

Professional services are usually by appoint-  
ment and can be arranged either in person or  
by telephone, but provision is always made  
for an emergency. Services are offered on a  
minimal fee scale of \$4 per session. Students  
are offered unlimited credit and can defer  
payment. If fees still pose a problem, arrange-  
ments will be made. There is no charge for  
the initial appointment. During the summer,

the Center is open from 9:00 a.m. to 4:00  
p.m., Monday through Friday.

The University Counseling Center is located  
on the third floor of Saint Liam Hall,  
Building 1035 on the campus map. For  
information or an appointment, call (574)  
631-7336. Twenty-four hour emergency  
service is available by calling (574) 631-7336.  
The UCC website contains online self-help  
brochures and tips for making referrals: [ucc.  
nd.edu](http://ucc.nd.edu).

## 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.  
Students selecting courses in science or  
engineering are required to submit official  
transcripts.

Admission to the summer session does not  
imply admission to a baccalaureate degree  
program in the regular academic year.  
Visiting students who wish to continue at  
Notre Dame during the regular academic  
year must apply to:

Office of Undergraduate Admissions  
220 Main Building  
Notre Dame, IN 46556

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 enrolled in  
the Notre Dame summer session under any  
classification.

## THE GRADUATE SCHOOL

**General Prerequisites.** Applicants for  
a graduate degree program must hold a  
baccalaureate degree or its equivalent from  
an accredited American college or university,  
or from a foreign institution of acceptable  
standing. Applicants should have earned at  
least a "B" average in their undergraduate  
major courses.

## 12 MASTER'S DEGREE

**Application for Admission to a Degree Program.** Applicants seeking admission to a graduate degree program must complete the Graduate School's online application as degree-seeking when it becomes available (approximately March 1) for summer start dates. Supporting application materials must be sent to the Office of Graduate Recruitment and Admissions, 502 Main Building, Notre Dame, IN 46556.

Applications must include the following materials: (1) official transcripts from all colleges and universities attended; (2) recent scores (within the last five years) from the general test of the Graduate Record Examination (GRE); (3) three letters of recommendation; and (4) a statement of intent. Some departments have additional requirements. Please see the Graduate School's website.

When all materials have arrived and been evaluated, an admission decision will be made, and the applicant will be informed by the assistant/associate dean for graduate admissions.

In the summer session, nondegree applicants are not ordinarily required to submit transcripts or other degree application materials. Summer nondegree graduate students should follow the application procedures on page 4; they should **not** use the "Graduate School (non degree)" option.

**Graduate Registration.** All graduate students - degree and nondegree, Notre Dame and visiting - who wish to take courses or pursue independent study for academic credit in the summer session must register (i.e., select courses/credits) and enroll (i.e., sign up at the beginning of classes) according to the procedures described earlier in this *Bulletin of Information*.

Continuing graduate degree students (i.e., degree students enrolled in the spring semester of 2010 who are eligible to continue their studies in the fall semester) may have access to University facilities and services from May through August without registering and enrolling for academic credit in the summer session.

Students who expect to graduate in August must register and enroll for at least one credit during the summer session in which their degrees will be conferred.

**Passing Grade for Graduate Students.** The lowest passing grade is C. Students must maintain at least a 3.0 cumulative GPA in courses carrying graduate credit and included in master's degree program requirements. Grades of C-, D, F, and I will be considered zero in the computation of this average.

The minimum average of 3.0 is established generally for the Graduate School, but individual departments may adopt higher standards. Students should consult department chairs or directors of graduate studies for departmental requirements. In addition to grades, other factors may affect departmental decisions allowing students to continue in programs.

A full-time student in the summer session is one who is registered for six or more credit hours. Any student registered for fewer than six hours is considered part-time unless otherwise designated as full-time by departmental definitions. The normal maximum registration for a graduate student during the summer session is 10 credit hours (taken concurrently).

**Transfer Credits.** A department may accept coursework completed at another accredited university toward meeting its degree requirements. A student may transfer credits earned at another accredited university only if: (1) the student is in degree status at Notre Dame; (2) the courses taken are graduate courses appropriate to the Notre Dame graduate program and the student had graduate student status when he or she took these courses; (3) the courses were completed within a five-year period prior to admission to a graduate degree program at Notre Dame or while enrolled in a graduate degree program at Notre Dame; (4) grades of B (3.0 on 4.0 scale) or better were achieved; and (5) the transfer is recommended by the department chair and approved by the Graduate School.

These five requirements also apply to the transfer of credits earned in another program at Notre Dame.

The University considers a request for transfer credit only after a student has completed one semester or summer session in a Notre Dame graduate degree program and before the semester or summer session in which the student graduates. Credits not earned on the semester system, such as trimester and quarter-hour credits, will be transferred on a

pro-rata basis.

A student transferring from an unfinished master's program may not transfer more than six semester credit hours into either a Notre Dame master's or Ph.D. program.

If the student has completed a master's or Ph.D. program, he or she may transfer up to nine semester credit hours to a Notre Dame master's program and up to 24 semester credit hours to a Notre Dame Ph.D. program.

No more than 12 semester credit hours earned by a student while in a nondegree status may be counted toward a degree program.

No grades of transferred courses are included in the student's GPA.

## MASTER'S DEGREE

### Research and Nonresearch Master's Programs

**Basic Requirements.** In addition to the following Graduate School requirements, individual departments may have higher standards. Students are expected to know their departmental requirements.

**Credit Hours.** The number of semester credit hours of coursework for the master's degree is specified by the student's department. A student in a research program must also complete the research requirements of his/her department.

**Residency.** The minimum residency requirement for the master's degree is registration in full-time status for one semester during the academic year or for one summer session.

**Degree Eligibility.** Failure to complete all requirements for the master's degree within five years results in forfeiture of degree eligibility.

A master's program that is pursued during the summer and the academic year must also be completed within five years.

A student attending summer session only must complete all requirements within seven years.

**Advisers and Thesis Directors.** Each student is assigned an adviser from the time of enrollment. This may initially be the director

of graduate studies, but an individual adviser or thesis director will be chosen as soon as practicable, following the department's policies.

Advisers and thesis directors are normally chosen from the teaching and research faculty of the student's department. There may also be one codirector chosen from the faculty outside (or within) the student's department. In exceptional cases, a department may choose a thesis director from the Notre Dame teaching and research faculty outside the student's department. Arrangements for extradepartmental directors or codirectors must be consistent with departmental policies and must be approved by the Graduate School.

**Admission to Candidacy.** To qualify for admission to candidacy, a student must be in a master's degree program. He or she must have been enrolled in the program without interruption and must maintain a minimum cumulative GPA of 3.0 (or higher if specified by the department) in approved coursework. A student who seeks admission to candidacy in a research master's program must also demonstrate research capability and receive departmental approval of his or her thesis proposal.

Admission to candidacy is a prerequisite to receiving any graduate degree. It is the student's responsibility to apply for admission by submitting the appropriate form to the Graduate School office through the department chair. The applicable deadline is published in the Graduate School calendar.

**Master's Examination.** By the end of the term following completion of the coursework required by the department, the degree candidate must have taken an oral and/or written master's examination demonstrating mastery in his or her field. Failure in either one or both parts of the examination results in automatic forfeiture of degree eligibility unless the department recommends a retake. If a retake is recommended, it must be completed by the end of the following semester. The Graduate School allows only one retake of the master's examination.

Some departments have an equivalent requirement in lieu of the master's examination. Students are advised to be cognizant of their respective departmental requirements with regard to the master's examination or its substitute.

A doctoral student may receive the master's degree without taking the master's examination on the recommendation of the department and completion of (a) the coursework required by the department for the master's degree, and (b) all written parts of the doctoral candidacy examination. Departments may have additional criteria or may choose not to offer a master's degree in this manner; students should consult the departmental guidelines.

**Foreign Language Requirement.** The Graduate School does not require foreign language reading proficiency for the master's degree. However, some departments do have this requirement. Students should consult their departments concerning this requirement.

**Thesis Requirement.** The thesis is the distinctive requirement of the research master's program. With the approval of his or her adviser, the student proposes a thesis topic for departmental approval. The approved topic is researched and the results presented under the supervision of a thesis director.

The thesis director indicates final approval of the thesis and its readiness for the readers by signing the thesis. The candidate then delivers the number of signed copies of the completed thesis required by the department to the department chair. These copies are distributed to the two official readers appointed by the department. Readers are appointed from among the regular teaching and research faculty of the student's department. The appointment of a reader from outside the student's department must have the department's approval. The thesis director may not be one of the official readers. Each reader must unconditionally approve the thesis and the department should promptly report the results to the Graduate School.

**Submitting the Thesis.** The format of the thesis should follow the guidelines established by ProQuest. These guidelines can be found in the Graduate School's office or online at [graduateschool.nd.edu](http://graduateschool.nd.edu).

For formatting assistance beyond these guidelines, students should follow the formatting custom in their field. Students may also consult the Graduate School's *Guide for Formatting and Submitting Dissertations and Theses*, available at the Graduate School office and online at [graduateschool.nd.edu](http://graduateschool.nd.edu).

When the Graduate School performs its formatting check, it will primarily make sure that the document conforms to the ProQuest guidelines. It is the student's responsibility to submit a clean and professional-looking thesis.

When the thesis is given to the readers, the candidate should also give a complete copy to the Graduate School office for a preliminary review of the format. This copy may be submitted electronically as a PDF or delivered as a printed document.

After the readers approve the thesis and any necessary changes have been made, the candidate must then present the final version of the thesis to the Graduate School for final approval and submission on or before the date specified in the Graduate School calendar. Candidates should be cognizant of deadlines for graduation established by the Graduate School and the department.

The thesis may be submitted either in electronic (PDF) form or in printed manuscript form. Only the official submission will be accepted by the Graduate School.

To submit the thesis electronically, the candidate must upload one complete PDF copy to the Hesburgh Library's Electronic Dissertation and Thesis database, and provide three signed title pages and any other necessary forms to the Graduate School.

To submit printed copies of the thesis, the candidate must present two clean copies, each signed by the thesis director. The candidate pays the binding costs for the two official copies required by the Graduate School.

Candidates must check with their departments for any additions to the Graduate School requirements.

Should a candidate and adviser decide to microfilm a thesis, information concerning the ProQuest Information and Learning Master's Publishing Program may be obtained from the Graduate School office.

### COURSE NUMBERING AND SCHEDULING

#### Course Numbering System.

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-XXXX = pre-college course

SUBJ 1X-XXXX = freshman-level course

SUBJ 2X-XXXX = sophomore-level course

SUBJ 3X-XXXX = junior-level course

SUBJ 4X-XXXX = senior-level course

SUBJ 5X-XXXX = fifth-year senior/advanced undergraduate course

SUBJ 6X-XXXX = first-year graduate-level course

SUBJ 7X-XXXX = second-year graduate-level course (M.B.A./Law)

SUBJ 8X-XXXX = third-year graduate-level course (M.B.A./Law)

SUBJ 9X-XXXX = 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

### Chair:

John E. Renaud, 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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: A research project at the undergraduate level under the supervision of a faculty member.

### AME 67099 02: Special Studies

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Individual or small group study under the direction of a faculty member in a graduate subject not currently covered by any University course. (As needed)

### AME 67663 02: Advanced MEME Project

Variable credits, Renaud

6/21-8/06

**CRN 3020**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Advanced research project for M.E. M.E. degree

### AME 68691 03: Thesis Research

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course is reserved for the six-credit-hour thesis requirement of the research master's degree. (Every semester)

### AME 68697 02: Nonresident Thesis Research

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For master's degree students. (As needed)

### AME 87891 01: Visiting Teacher Special Studies

Variable credits, Morris

6/21-8/06

**CRN: 2999**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course is a special independent study course for visiting teachers.

### AME 97099 01: Special Studies

Variable credits, Corke

6/21-8/06

**CRN: 1208**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Content, credit, and instructor will be announced by the department. (As needed)

### AME 98991 01: Dissertation Research

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required for candidates for the advanced degree in the research program. (Every semester)

### AME 98998 01: Nonresident Dissertation Research

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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. (As needed)

## AFRICANA STUDIES

### Chair:

Richard B. Pierce, Ph.D.  
Program Tel.: (574) 631-5628

**The Program of Studies.** At Notre Dame, the Department of Africana Studies stands at the center of scholarship focused on Africa

and the African diaspora - the global dispersion of peoples of African descent. Building on the legacy of the African and African American Studies Program, the department provides a disciplined and rigorous intellectual environment in which to study the histories, literatures, political systems, arts, economies, and religions that the African continent has given rise to, both within and beyond its borders. These inquiries are conducted within an interdisciplinary framework that incorporates the expertise of faculty members from a wide variety of fields. The department serves as an important resource for graduate students and faculty members across the University whose research involves Africa or the diaspora.

### AFST 10401 01: Introduction to Jazz

3 credits, Dwyer

6/21-8/06 MTWR 8:55 AM-10:15 AM

**CRN: 3397**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 20215 01: Ways of Peacemaking: Gandhi, Heschel and King

3 credits, Neiman

6/21-8/06 MTWR 1:15 PM-2:35 PM

**CRN: 3892**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: An intensive study of the philosophy and spirituality of three of the greatest peace educators of our century: M. Gandhi, A. Heschel and M. Luther King.

### AFST 30202 01: African-American History II

3 credits, Pierce

6/21-8/06 TR 8:55 AM-11:25 AM

**CRN: 3627**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: African American History II is a course that examines the broad range of problems and experiences of African Americans from the close of the American Civil War to the 1980s. We will explore both the relationship of blacks to the larger society and the inner dynamics of the black community. We will devote particular attention to Reconstruction, the migration



of African Americans from the rural south to the urban north, and the political machinations of the African American community. The course will utilize historical documents in the form of articles and other secondary sources. Classes will be conducted as lecture-discussions.

**AFST 33701 01: Sociology of Sport**

3 credits, Welch  
6/21-8/06 TR 1:15 PM-3:45 PM  
**CRN: 4056**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
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.

**AMERICAN STUDIES**

*Chair:*

Erika Doss, Ph.D.  
Dept. Tel.: (574) 631-7316

**The Program of Studies.** The Department of American Studies offers summer courses designed to meet the needs of undergraduate students. Courses deal with various aspects of American culture and society.

**AMST 30341 01: African-American History II**

3 credits, Pierce  
6/21-8/06 TR 8:55 AM-11:25 AM  
**CRN: 3628**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: African American History II is a course that examines the broad range of problems and experiences of African Americans from the close of the American Civil War to the 1980s. We will explore both the relationship of blacks to the larger society and the inner dynamics of the black community. We will devote particular attention to Reconstruction, the migration

of African Americans from the rural south to the urban north, and the political machinations of the African American community. The course will utilize historical documents in the form of articles and other secondary sources. Classes will be conducted as lecture-discussions.

**AMST 30395 01: Reagan's America: The 1980's**

3 credits, Strauss  
6/21-8/06 TR 6:30 PM-9:00 PM  
**CRN: 3660**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: In his campaign for re-election to the presidency in 1984, Ronald Reagan released a television commercial that began with the line, "It's morning in America again." The ad suggested the many ways in which President Reagan and the Republican Party were improving the economy and bringing optimism back to America. "Under the leadership of President Reagan," the commercial concluded, "our country is prouder and stronger and better." Reagan's campaigns for the nation's highest office stressed the themes of patriotism and individual responsibility, while his presidential administrations oversaw an economic agenda that privileged corporate America and wealth production and a foreign policy that justified extreme measures by citing the dangers posed by the Soviet Union and communism. The United States in the 1980s was dominated by the presidency and personality of Ronald Reagan. His aggressive economic and foreign policies influenced the major events of the decade, while his politics helped to shape the wider culture, a period often characterized as "the me decade" (and one Madonna called "a material world" in a hit song).

In this course students will explore the 1980s and assess the conventional wisdom about Reagan and the decade he dominated. Were Americans too blinded by greed to confront the nation's social problems, or was there a serious debate going on about individual conscience and social responsibility? Students will debate these and other questions as they explore several of the major themes of 1980s America: the Cold War, the Christian Right, progressivism, conservatism, popular culture, and the media. In addition to probing political speeches, congressional testimony, the Reagan diaries, pop music, and sitcoms, students will also examine some of the new books by historians, who are just

now beginning to come to grips with this pivotal recent time in American history. This course satisfies the university history requirement and is open to all students; no previous knowledge of the topic is necessary.

**AMST 45900 01: Publishing Internship**

3 credits  
6/21-8/06  
**CRN: 2809**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: Apprentice training with *Notre Dame Magazine*.

**AMST 45901 01: Community Service Internship**

3 credits, Schmuhl  
6/21-8/06  
**CRN: 1011**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: Apprentice training with community social service organizations. Satisfactory/unsatisfactory credit only.

**AMST 45902 01: Historical Research Internship**

3 credits, Schlereth  
6/21-8/06  
**CRN: 1012**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: Apprentice training in archives or museums or historical preservation with local organizations. Satisfactory/unsatisfactory credit only.

**AMST 45903 01: News Internship**

3 credits, Storin  
6/21-8/06  
**CRN: 1013**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: Apprentice training with newspapers. Satisfactory/unsatisfactory credit only.

**ANTHROPOLOGY**

*Chair:*

Mark R. Schurr, Ph.D.  
Dept. Tel.: (574) 631-5547

**The Program of Studies.** The Department of Anthropology offers a summer program of courses selected to meet the needs of those enrolled during the regular academic year and also for those students or professionals who need training and/or credit toward

graduate or undergraduate degrees at Notre Dame or other institutions.

**ANTH 30190 01: Infancy: Evolution, History and Development**

3 credits, McKenna

6/21-7/09 MTWRF 12:30 PM-3:00 PM

**CRN: 3037**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Note: Not open to students who have taken ANTH 30194.

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 caregiving concepts.

**ANTH 35550 01: Historical Archaeology of Irish America**

3 credits, Rotman

7/05-7/30 MTWRF 8:30 AM-5:00 PM

**CRN: 3863**

Last add date: 7/07

Drop dates: refund, 7/09; last, 7/17

Note: \$200 lab/transportation fee

Description: Four 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. 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 35588 01: Archaeology Field School**

3 credits, Schurr

7/05-7/22 MTWRF 8:30 AM-6:00 PM

**CRN: 3796**

Last add date: 7/06

Drop dates: refund, 7/08; last, 7/13

Note: \$200 lab/transportation fee.

Description: Three weeks of practical instruction in the methods and theory of archaeological survey, excavation and labora-

tory 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

6/07-7/23 MTWRF 10:00 AM-6:00 PM

**CRN: 2840**

Last add date: 6/11

Drop dates: refund, 6/15; last, 6/30

Note: Permission of instructor 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 [nd.edu/~stephens](http://nd.edu/~stephens).

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 Byzantine St. Stephen's skeletal collection from Jerusalem as the cornerstone, historical and archaeological information will be synthesized in a biocultural reconstruction of ancient monastic life. 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

6/21-8/06

**CRN: 3706**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 01: Directed Readings in Sociocultural Anthropology**

Variable credits, Smith

6/21-8/06

**CRN: 3693**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Intensive independent readings 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 48500 01: Directed Research in Archaeology**

Variable credits, Schurr

7/05-7/22

**CRN: 3862**

Last add date: 7/06

Drop dates: refund, 7/08; last, 7/13

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

7/05-7/22 MTWRF 8:30 AM-6:00 PM

**CRN: 3797**

Last add date: 7/06

Drop dates: refund, 7/08; last, 7/13

Note: \$200 lab/transportation fee

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

## 18 ARCHITECTURE

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 65818 01: NSF-REU Biocultural Research Program**

Variable credits, Sheridan

6/07-7/23 MTWRF 10:00 AM-6:00 PM

**CRN: 2841**

Last add date: 6/11

Drop dates: refund, 6/15; last, 6/30

Note: Permission of instructor 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 [nd.edu/~stephens](http://nd.edu/~stephens).

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 Byzantine St. Stephen's skeletal collection from Jerusalem as the cornerstone, historical and archaeological information will be synthesized in a biocultural reconstruction of ancient monastic life. 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

7/05-7/22

**CRN: 3799**

Last add date: 7/06

Drop dates: refund, 7/08; last, 7/13

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.

## ARCHITECTURE

*Dean:*

Michael Lykoudis

Dept. Tel.: (574) 631-6137

### **ARCH 61011 01: Introduction to Architectural Representation**

0 credit, Hoyt

8/02-8/20 MTWRF 9:00 AM-5:00 PM

**CRN: 3024**

Last add date: 8/03

Drop dates: refund, 8/05; last, 8/11

Description: Instruction in the techniques of traditional architectural drawing and presentation. Required of all incoming graduate students, except by special arrangement.

### **ARCH 81101 01: Terminal Design Completion**

1 credit, Bess

6/21-8/06

**CRN: 3563**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: An independent study leading to the completion of the student's terminal design project for graduation.

## 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.

The M.F.A. degree is for the artist of exceptional talent. The bachelor of fine arts degree or its equivalent and an entrance portfolio are prerequisites for admission to the M.F.A. program. Degree requirements for the M.F.A. are 60 graduate credit hours in art, 12 of which will be in art history, a thesis, and a project of artistic significance.

The M.A. (in studio) is a nonresearch degree for advanced students of art. Entrance requirements are a bachelor's degree; 32 credits in art, nine of which will be in art history; and a portfolio of the applicant's art work. Degree requirements for the M.A. are 32 graduate credit hours in art, including six in art history, plus a culminating portfolio and essay.

Two-by-two-inch transparencies of an applicant's artwork may be used for the entrance portfolio.

## ART HISTORY COURSES

### **ARHI 30350 01: Survey of Italian Baroque Art: From Caravaggio to Guarini**

3 credits, Coleman

6/21-8/06 MTWR 10:30 AM-11:50 AM

**CRN: 3865**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course surveys Italian painting, sculpture, and architecture of the 17th and 18th centuries, a period that also witnessed the foundation and suppression of the Jesuit Order, the Counter-Reformation, absolute monarchy, and democratic nations. Thus, the course begins with the "new Rome" of Pope Sixtus V, which attracted pilgrims and artists from all over Europe, and ends with the early years of Enlightenment. From Northern Italy came Caravaggio and the Carracci, artists who were responsible for creating a new style based upon High Renaissance principles and a new kind of naturalism derived from the study of life. There was Bernini, whose architectural and sculptural monuments almost single-handedly gave Rome its Baroque character. Other artists and architects of this era under discussion include such diverse personalities as Borromini, Guarini, Algardi, Artemisia Gentileschi, and the great ceiling painters

Pietro da Cortona, Baciccio, Pozzo, and Tiepolo.

**ARHI 45310 01: Art History Internship**

Variable credits, Rosenberg

6/21-8/06

**CRN: 4047**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 66572 01: Directed Readings**

Variable credits, Pyne

6/21-8/06

**CRN: 2380**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Permission required.

Specialized reading related to the student's area of study.

**ARHI 68573 01: Thesis Direction**

Variable credits, Pyne

6/21-8/06

**CRN: 1807**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Independent research and writing on an approved subject under the direction of a faculty member. Required of candidates for the research M.A. in art history and for the M.F.A.

**ARHI 68574 01: Nonresident Thesis Research**

Variable credits, Pyne

6/21-8/06

**CRN: 1806**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of all nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

## ART DESIGN COURSES

**DESN 11100 01: 2-D Foundations**

3 credits, Buchta

6/21-8/06 MTWR 8:55 AM-11:25 AM

**CRN: 3869**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 21200 01: Visual Dialogue: Drawing for Design**

3 credits, Tisten

6/21-8/06 MTWR 11:30 AM-2:00 PM

**CRN: 3662**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This cross-disciplinary course in rapid sketching and rendering technique serves studio art, design, and architecture. The course is intended for students entering studio practice for the first time as well as for advanced students who wish to deepen their visualization & illustration skills. Materials fee.

**DESN 41106 01: Web Page Design**

3 credits, Sherman

6/21-8/06 MTWR 8:55 AM-11:25 AM

**CRN: 3870**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course will cover the design considerations for the internet including techniques of graphic production and web page efficiency. Design with Macromedia Dreamweaver, Flash, and the use and creation of style sheets will be also be covered. Experience with Macintosh graphics programs needed. Work outside of class is expected.

**DESN 47171 01: Special Studies-Graphic Design**

Variable credits, Sedlack

6/21-8/06

**CRN: 3411**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Independent study in graphic design: research or creative projects.

**DESN 47371 01: Special Studies-Internship**

3 credits, Down

6/21-8/06

**CRN: 3069**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Permission required.

Independent study in design.

## STUDIO COURSES

**ARST 11201 01: Drawing I**

3 credits, Ottman

6/21-8/06 MTWR 11:30 AM-2:00 PM

**CRN: 3866**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

6/21-8/06 MTWR 2:05 PM-4:35 PM

**CRN: 3867**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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, Wolochowicz

6/21-8/06 MTWR 6:30 PM-9:00 PM

**CRN: 3388**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: \$50 laboratory fee.

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

6/21-8/06 MTWR 8:55 AM-11:25 AM

**CRN: 3223**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

## 20 ARTS AND LETTERS NONDEPARTMENTAL

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 41203 01: Figure Drawing, Multilevel**

3 credits, Brown

6/21-8/06 MTWR 2:05 PM-4:35 PM

**CRN: 3868**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: The emphasis is on drawing in all its aspects: materials, methods, techniques, composition, design, and personal expression. The human figure is the subject matter. While anatomy is studied, the course is not an anatomy class. Male and female models, clothed and nude, are used. Lab fee.

### **ARST 78706 01: Nonresident Thesis Research**

1 credit, Lopez

6/21-8/06

**CRN: 1299**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of all nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

### **ARST 78707 01: Research and Dissertation**

Variable credits, Lopez

6/21-8/06

**CRN: 2382**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Individual conferences and consultation between the graduate student and the dissertation director. Required of students pursuing dissertation research in residence.

### **ARST 78708 01: Thesis Direction**

Variable credits, Lopez

6/21-8/06

**CRN: 2381**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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.

## ARTS AND LETTERS NONDEPARTMENTAL

*Associate Dean:*

Stuart Greene, Ph.D.

Dept. Tel.: (574) 631-8636

### **AL 27001 01: Special Studies**

Variable credits, Hurley

6/21-8/06

**CRN: 3402**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: 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.

### **AL 48999 01: Research Experience for Undergraduates**

0 credit, Hurley

6/21-8/06

**CRN: 3188**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This is a zero-credit course for students engaged in independent research for 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.

## BIOLOGICAL SCIENCES

*Chair:*

Gary A. Lamberti, Ph.D.

Dept. Tel. (574) 631-6552

### **BIOS 10107 01: Ecology and Environmental Issues**

3 credits, Olsen

6/21-8/06 MTWR 10:30 AM-11:50 AM

**CRN: 3631**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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, Boyd, Carson, Cramer, Crowl, Hellmann

5/21-7/27

**CRN: 3077**

Last add date: 5/27

Drop dates: refund, 6/03; last, 6/23

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 environmental 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, Gerrish, Mack  
6/11-8/13

**CRN: 3078**

Last add date: 6/16

Drop dates: refund, 6/23; last, 7/12

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 grasslands 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 independent research project over the remaining five weeks.

**BIOS 38499 01: Molecular and Cellular Biology Research and Design Laboratory**

2 credits, Veselik  
6/15-7/01 MTWR 9:00 AM-12:00 PM

**CRN: 3404**

Last add date: 6/16

Drop dates: refund, 6/17; last, 6/23

Description: Prerequisites: (BIOS 10161 or BIOS 20201) and (CHEM 10172 or CHEM 10182 or CHEM 20223) or two semesters of general biology with labs and two semesters of general chemistry with labs or one semester of general chemistry with lab and one semester of organic chemistry with lab for non-Notre Dame science students. This course is for science majors only and counts as science credit. It satisfies one of the 6 required laboratory courses for BIOS majors at Notre Dame.

This special laboratory course exposes students to a variety of techniques in modern cell biology while participating in an undergraduate research project. Students will get hands-on experience in working with cultured cell lines, including sterile technique, media preparation, and passaging of cells. Individual experiments will include assessment of cell growth and apoptosis, examination of subcellular structure using fluorescent microscopy, separation and analysis of nucleic acids and proteins, enzyme assays, and measurement of cell

cycle by flow cytometry. Students will gain experience with reviewing scientific literature, data presentation, statistical analysis, data interpretation, and ethical concerns relevant to reporting research data. Additional outside work in terms of literature review, writing of reports, papers and preparing oral presentations will be necessary.

**BIOS 46497 01: Directed Readings**

Variable credits, Grimstad  
6/21-8/06

**CRN: 2272**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Instructor approval required.

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. Offered all semesters.

**BIOS 48499 01: Undergraduate Research**

Variable credits, Grimstad  
6/21-8/06

**CRN: 1098**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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. Offered all semesters.

**BIOS 60522 01: GLOBES: Global Linkages of Biology, the Environment, and Society**

Variable credits, Jensen  
6/21-8/06

**CRN: 3226**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: The GLOBES (Global Linkages of Biology, the Environment, and Society) series of courses offered each semester reflect various areas of life science relevant to multiple disciplines. Students should expect to

have a different topic offered every semester under the GLOBES heading. The course is repeatable since potentially every semester the topics vary.

**BIOS 68599 01: Thesis Direction**

Variable credits, Boyd  
6/21-8/06

**CRN: 1805**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and direction for resident master's students. (Every semester)

**BIOS 77672 01: Special Problems**

Variable credits, Boyd  
6/21-8/06

**CRN: 1803**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
7/05-7/30

**CRN: 3421**

Last add date: 7/07

Drop dates: refund, 7/09; last, 7/17

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**

1 credit, Boyd  
6/21-8/06

**CRN: 1804**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Students away from campus register for one credit hour each semester.

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### **BIOS 98699 01: Research & Dissertation**

Variable credits  
6/21-8/06

#### **CRN varies with instructor**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and dissertation for resident doctoral students.

### **BIOS 98700 01: Nonresident Dissertation Research**

1 credit, Boyd  
6/21-8/06

#### **CRN: 1801**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Students away from campus register for one credit hour each semester.

## BUSINESS NONDEPARTMENTAL

#### *Coordinator:*

Samuel S. Gaglio, M.A.

Dept. Tel.: (574) 631-6602

### **ACCT 20100 01: Accountancy I**

3 credits, Hums  
6/21-8/06 MTWR 8:55 AM-10:15 AM

#### **CRN:1800**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: An introduction to the techniques of 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. Also offered to nonbusiness students. Recommended University elective.

### **ACCT 20200 01: Accountancy II**

3 credits, Rivera  
6/21-8/06 MTWR 8:55 AM-10:15 AM

#### **CRN: 3853**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Prerequisite: ACCT 20100 or BAUG 20001

Description: A continuation of the introduction to accounting, with an emphasis on the

decision-usefulness of accounting information. An analysis of the tools used for evaluation of financial and operating performance.

The use of budgets and accounting systems for centralized decision making, decentralized decision making, participative budgeting, monitoring and control, and intrafirm contracts. Introduction to not-for-profit entities, attestation, and taxation. Also offered to nonbusiness students who have taken the prerequisite.

### **ACCT 40610 01: Federal Taxation**

3 credits, O'Brien  
6/21-8/06 MTWR 10:20 AM-11:40 AM

#### **CRN: 4059**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: The basic federal income tax provisions applicable to individuals, sole proprietorships, corporations, and small business firms are covered in this course, which emphasizes their rationale and significance in business and investment decision making.

### **BACM 30490 01: Persuasion**

1.5 credits, Collins  
6/21-7/09, MW 6:30 PM-9:00 PM

#### **CRN: 3787**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: Explains factors that affect our ability to change the beliefs, attitudes, and behaviors of others. Explores theories of social influence and their application in the modern business environment. Describes the ideal of ethical persuasion and its advantage for organizations.

### **BACM 30500 01: Conflict Management**

1.5 credits, Collins  
7/12-7/30 MW 6:30 PM-9:00 PM

#### **CRN: 3794**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: Conflict is a central feature of human behavior on interpersonal, organization, 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  
7/11-8/04 MW 10:20 AM-11:40 AM

#### **CRN: 4089**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/23

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  
6/21-8/06, MTWR 11:45 AM-1:05 PM

#### **CRN: 2937**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
6/21-8/06 MW 1:15 PM-3:45 PM

#### **CRN: 2927**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Students registering for this class must have already taken three 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 30700 01: Real Estate Fundamentals**

3 credits, Hutchison  
6/21-7/21 MW 1:00 PM-4:30 PM

#### **CRN: 4061**

Last add date: 6/23

Drop dates: refund, 6/26; last, 7/06

Note: This course does not count as a Finance major elective.

Description: An introduction to the principles and practices of real estate. Topics to be covered shall include land use patterns and regulation, real estate finance, valuation, real estate law, brokerage and transfers, urban economics, and real estate development.

#### **FIN 20150 01: Corporate Financial Management**

3 credits, Lanser  
6/29-8/06 TR 10:00 AM-1:00 PM  
**CRN: 4058**

Last add date: 7/02

Drop dates: refund, 7/06; last, 7/18

Note: This course is required for finance majors. A grade of "C" or higher is a prerequisite for continuing in the finance major.

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, Collett-Schmitt  
6/21-7/15 MTWR 1:00 PM-3:30 PM  
**CRN: 1174**

Last add date: 6/23

Drop dates: refund, 6/25; last, 7/03

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  
6/21-8/06 MW 1:15 PM-3:45 PM  
**CRN: 1811**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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.

#### **FIN 30700 01: Real Estate Fundamentals**

3 credits, Hutchison  
6/21-7/21 MW 1:00 PM-4:30 PM  
**CRN: 4060**

Last add date: 6/23

Drop dates: refund, 6/26; last, 7/06

Note: This course does not count as a Finance major elective.

Description: An introduction to the principles and practices of real estate. Topics to be covered shall include land use patterns and regulation, real estate finance, valuation, real estate law, brokerage and transfers, urban economics, and real estate development.

#### **MARK 20100 01: Principles of Marketing**

3 credits, Bottita  
6/21-8/06 MTWRF 8:55 AM-10:10 AM  
**CRN: 3795**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: A study of markets, institutions, and the environment in which business firms operate with attention to the effect these facets, forces, and issues have on the firm's overall marketing strategy.

#### **MGT 20600 01: IT Management Applications**

3 credits, Harris  
6/21-7/09 MTWRF 8:30 AM-11:00 AM  
**CRN: 3854**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: This course will provide a hands-on introduction to the world of Information Technology Management. Students will attain a general understanding of opportunities and challenges in IT Management through the use of common tools and business processes. They will use Microsoft Excel to structure and solve general business problems, analyze what-if scenarios and use optimization processes. They will use Microsoft Access to create and manage databases. They will also use of HTML in basic website design to create both a personal web site and an e-Commerce site.

## 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  
6/21-8/06

**CRN: 1007**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Chemical engineering undergraduate students only with permission of their advisor.

Description: Intended to facilitate interactions between Notre Dame and Industry by allowing students to get credit for internship experience.

#### **CBE 48901 01: Undergraduate Research**

Variable credits  
**CRN varies with instructor**  
6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
**CRN varies with instructor**  
6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
6/21-8/06

**CRN: 1005**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Course requires the student to explore various readings as explained by the professor.

#### **CBE 67690 01: Industrial Research Experience**

Variable credits, McCready  
6/21-8/06

**CRN: 1138**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Chemical engineering graduate students only, with permission of their advisor.

Description: Intended to facilitate research interactions between Notre Dame and



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Industry by allowing students to get credit for work experience.

### **CBE 68801 01: Thesis Direction**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research to satisfy the six credit hours required for the master's degree.

### **CBE 68901 01: Research and Dissertation**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and dissertation for resident doctoral students.

### **CBE 68991 01: Nonresident Dissertation Research**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.

### **CBE 87810 01: Visiting Teacher Special Studies**

Variable credits, McCready

6/21-8/06

**CRN: 3038**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Special independent study course for visiting teachers.

## CHEMISTRY AND BIOCHEMISTRY

### *Chair:*

Kenneth W. Henderson, Ph.D.

### *Associate Chair:*

Paul Helquist, Ph.D.

### *Assistant Chair:*

Mary Prorok, Ph.D.

Dept. Tel.: (574) 631-7058

### **CHEM 10172 01: Organic Structure and Reactivity**

4 credits, Alonso

5/25-6/25 MTWRF 10:20 AM-12:15 PM

5/25-6/25 F 8:30 AM-10:00 AM

**CRN: 3377**

Last add date: 5/27

Drop dates: refund, 5/30; last, 6/09

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 credit, Alonso, Goodenough-Lashua

5/25-6/25 MW 1:30 PM-5:00 PM

**CRN: 3378**

Last add date: 5/27

Drop dates: refund, 5/30; last, 6/09

Note: \$75 laboratory fee.

Description: Experimental work to accompany CHEM 10172.

### **CHEM 20273 01: Organic Reactions and Applications**

3 credits, Alonso

6/28-7/30 MTWRF 10:20 AM-12:15 PM

6/28-7/30 F 8:30 AM-10:00 AM

**CRN: 3379**

Last add date: 6/30

Drop dates: refund, 7/04; last, 7/14

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.

### **CHEM 21273 01: Organic Reactions and Applications Laboratory**

1 credit, Alonso, Peterson

6/28-7/30 MW 1:30 PM-5:00 PM

**CRN: 3380**

Last add date: 6/30

Drop dates: refund, 7/04; last, 7/14

Description: Experiments to accompany CHEM 20273

### **CHEM 46497 01: Directed Readings**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: In-depth study of topics not covered or only briefly covered in other courses. Readings, problems and reports.

### **CHEM 48498 01: Undergraduate Research**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research in collaboration with members of the faculty. A written progress report must be submitted each semester, and all participating students must make an oral presentation of their work in the spring semester of senior year.

### **CHEM 77670 01: Special Problems: Research Experience for High School Instructors**

Variable credits, Lieberman

6/21-8/06

**CRN: 3001**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Registration limited to high school instructors participating in summer RET programs at Notre Dame.

### **CHEM 78599 01: Thesis Direction**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and reading for master's students

### **CHEM 90697 01: Directed Readings**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 98698 01: Research and Dissertation**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Research and dissertation for resident doctoral students.

**CHEM 98700 01: Nonresident Dissertation Research**

1 credit  
**CRN varies with instructor**  
 6/21-8/06

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 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:*

Thomas Albrecht-Schmitt, Ph.D.  
 Dept. Tel.: (574) 631-5380

### CIVIL ENGINEERING COURSES

**CE 47600 01: Special Studies**

Variable credits  
**CRN varies with instructor**  
 6/21-8/06

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 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 48600 04: Undergraduate Research**

Variable credits, Kirkner  
 6/21-8/06

**CRN: 3170**  
 Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: A research project at the undergraduate level under the supervision of a faculty member.

**CE 48600 06: Undergraduate Research**

Variable credits, Burns  
 6/21-8/06  
**CRN: 2237**  
 Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14

Description: A research project at the undergraduate level under the supervision of a faculty member.

**CE 67600 06: Special Studies**

Variable credits  
**CRN varies with instructor**  
 6/21-8/06

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Individual or small-group study under the direction of a faculty member in a graduate subject not concurrently covered by any University course.

**CE 68600 06: Thesis Direction**

Variable credits, Albrecht-Schmitt  
 6/21-8/06  
**CRN: 1743**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Research to satisfy the six credit hours required for the research master's degree.

**CE 68610 06: Nonresident Thesis Research**

1 credit, Albrecht-Schmitt  
 6/21-8/06  
**CRN: 1742**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

**CE 78600 06: Research and Dissertation**

Variable credits, Albrecht-Schmitt  
 6/21-8/06  
**CRN: 1741**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Research and dissertation for resident doctoral students.

**CE 78610 06: Nonresident Dissertation Research**

1 credit, Albrecht-Schmitt  
 6/21-8/06  
**CRN: 1740**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.

**CE 87200 01: Visiting Teachers Special Studies**

Variable credits  
 6/21-8/06  
**CRN: 3080**  
 Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Special independent study course for visiting teachers.

## GEOLOGICAL SCIENCES COURSES

**ENVG 48600 01: Undergraduate Research**

Variable credits, Fein  
 6/21-8/06  
**CRN: 1140**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: This course requires the permission of the chair of the Department of Civil Engineering and Geological Sciences. Three to 15 hours each week, arranged individually for each student.

**ENVG 67600 01: Special Studies**

Variable credits, Maurice  
 6/21-8/06  
**CRN: 3021**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Staff. Permission required. Individual or small-group study under the direction of a faculty member in a graduate subject not concurrently covered by any University course.

## CLASSICS

*Chair:*

Elizabeth F. Mazurek  
 Dept. Tel.: (574) 631-7195

**The Program of Studies.** The Department of Classics sponsors a Summer Institute in Ancient and Medieval Languages. Summer study is offered in a number of languages necessary for the study of Greek and Roman, Judaic, Early Christian, Medieval, and Byzantine civilizations.

Beginners may take intensive introductory programs in Latin, Greek, and Syriac. Intermediate courses are available in Greek, Latin, and Syriac. Advanced courses are available in medieval Latin, Latin Paleography, and Syriac literature. Students may also

be able to study one language and take additional courses in history or theology. Occasionally, the institute will offer courses in Armenian, Christian Arabic, Coptic, or Ethiopic.

## GREEK

### CLGR 10001 01: Beginning Greek I

4 credits, Horsting

6/21-7/09 MTWRF 8:30 AM-11:00 AM

6/21-7/09 MTWRF 12:00 PM-12:50 PM

**CRN: 3911**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

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 01: Beginning Greek II

4 credits, Horsting

7/12-7/30 MTWRF 8:30 AM-11:00 AM

7/12-7/30 MTWRF 12:00 PM-12:50 PM

**CRN: 3914**

Last add date: 7/13

Drop dates: refund, 7/15; 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 01: Intermediate Greek

3 credits, Stanfiel

6/21-8/06 MTWR 8:55 AM-10:15 AM

**CRN: 2857**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course combines a review of basic classical Greek grammar with careful reading of such Greek authors as Plato and Herodotus. It also includes readings in New Testament Greek and early Christian texts. It develops students' translating skills, introduces methods for studying Greek literature in its historical and cultural contexts, and prepares students for advanced work in Greek language and literature.

### CLGR 60001 01: Beginning Greek I

4 credits, Horsting

6/21-7/09 MTWRF 8:30 AM-11:00 AM

6/21-7/09 MTWRF 12:00 PM-12:50 PM

**CRN: 3912**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

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

7/12-7/30 MTWRF 8:30 AM-11:00 AM

7/12-7/30 MTWRF 12:00 PM-12:50 PM

**CRN: 3915**

Last add date: 7/13

Drop dates: refund, 7/15; 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.

### CLGR 60101 01: Beginning Greek I

0 credit, Horsting

6/21-7/09 MTWRF 8:30 AM-11:00 AM

6/21-7/09 MTWRF 12:00 PM-12:50 PM

**CRN: 3918**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of four credit-hours' tuition.

Description: This is the zero-credit version of the two-semester sequence of courses which is designed to introduce graduate students to the language of the ancient Greeks for the first time. This course 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 60102 01: Beginning Greek II

0 credit, Horsting

7/12-7/30 MTWRF 8:30 AM-11:00 AM

7/12-7/30 MTWRF 12:00 PM-12:50 PM

**CRN: 3919**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of four credit-hours' tuition.

Description: This is the zero-credit version of the two-semester sequence of courses which is designed to introduce graduate students to the language of the ancient Greeks for the first time. This course 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 60103 01: Intermediate Greek

3 credits, Stanfiel

6/21-8/06 MTWR 8:55 AM-10:15 AM

**CRN: 2913**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This second-year language course builds on the work of Beginning Greek I and II. It combines a review of grammar with careful reading of classical Greek authors such as Homer and Plato. The course improves students' translating skills, introduces methods for studying Greek literature in its historical and cultural contexts, and prepares students for more advanced work in the rich literature of the ancient Greeks.

### CLGR 60104 01: Intermediate Greek

0 credit, Stanfiel

6/21-8/06 MTWR 8:55 AM-10:15 AM

**CRN: 2914**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours' tuition.

Description: This course combines a review of basic classical Greek grammar with careful reading of such Greek authors as Plato and Herodotus. It also includes readings in New Testament Greek and early Christian texts. It develops students' translating skills, introduces methods for studying Greek literature in its historical and cultural contexts, and prepares students for advanced work in Greek language and literature.

## LATIN & MEDIEVAL LATIN

### CLLA 10001 01: Beginning Latin I

4 credits, Perett

6/21-7/09 MTWRF 8:30 AM-11:00 AM

6/21-7/09 MTWRF 12:00 PM-12:50 PM

**CRN: 3920**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

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 10001 is offered each fall semester and CLLA 10002 is offered each spring semester. (Both courses are offered in the summer.)

### CLLA 10002 01: Beginning Latin II

4 credits, Perett

7/12-7/30 MTWRF 8:30 AM-11:00 AM

7/12-7/30 MTWRF 12:00 PM-12:50 PM

**CRN: 3924**

Last add date: 7/13

Drop dates: refund, 7/15; 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

7/12-7/30 MTWRF 8:30 AM-11:00 AM

**CRN: 3364**

Last add date: 7/13

Drop dates: refund, 7/15; 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

6/21-8/06 MWF 10:30 AM-12:20 PM

**CRN: 3772**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: \$45 materials fee.

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 repertoires of sources, and reference works for the study of Latin works composed in the Middle Ages.

### CLLA 40118 01: Paleography

3 credits, Mantello

6/21-8/06 MWF 3:10 PM-5:00 PM

**CRN: 3777**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: \$45 materials fee.

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, Perett

6/21-7/09 MTWRF 8:30 AM-11:00 AM

6/21-7/09 MTWRF 12:00 PM-12:50 PM

**CRN: 3922**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

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 60002 01: Beginning Latin II

4 credits, Perett

7/12-7/30 MTWRF 8:30 AM-11:00 AM

7/12-7/30 MTWRF 12:00 PM-12:50 PM

**CRN: 3921**

Last add date: 7/13

Drop dates: refund, 7/15; 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 60101 01: Beginning Latin I

0 credit, Perett

6/21-7/09 MTWRF 8:30 AM-11:00 AM

6/21-7/09 MTWRF 12:00 PM-12:50 PM

**CRN: 3923**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of four credit-hours' tuition.

Description: This is the zero-credit version of the two-semester sequence of courses which is designed to introduce 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 60102 01: Beginning Latin II

0 credit, Perett

7/12-7/30 MTWRF 8:30 AM-11:00 AM

7/12-7/30 MTWRF 12:00 PM-12:50 PM

**CRN: 3925**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of four credit-hours' tuition.

Description: This is the zero-credit version of the two-semester sequence of courses which is designed to introduce 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

7/12-7/30 MTWRF 8:30 AM-11:00 AM

**CRN: 3365**

Last add date: 7/13

Drop dates: refund, 7/15; 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.

**CLLA 60104 01: Intermediate Latin**

0 credit, Krostenko

7/12-7/30 MTWRF 8:30 AM-11:00 AM

**CRN: 3366**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours' tuition.

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. This is a no-credit course.

## SYRIAC

**CLSS 10111 01: Introduction to Syriac Grammar**

3 credits, Saadi

6/21-7/09 MTWRF 8:30 AM-11:00 AM

**CRN: 3784**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: An intensive, three-week introduction to the grammar of Syriac. The course introduces students to the basic reading, grammar, and structures of the language. Texts include T.E. Robinson's *Paradigms and Exercises in Syriac Grammar*, which is supplemented with a specially developed course packet, and J.H. Eaton's *Horizons in Semitic Languages*.

**CLSS 10115 01: Introduction to Syriac Reading**

3 credits, Saadi

7/12-7/30 MTWRF 8:30 AM-11:00 AM

**CRN: 3791**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: An intensive introduction to basic prose reading in Syriac. Texts include: excerpts from the Peshitta Gospels, the teaching of the Apostle Addai, and the *Life of Ephrem the Syrian*. It is highly recommended that this course is to be taken immediately following CLSS 10111.

**CLSS 60111 01: Introduction to Syriac Grammar**

3 credits, Saadi

6/21-7/09 MTWRF 8:30 AM-11:00 AM

**CRN: 3785**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: An intensive, three-week introduction to the grammar of Syriac. The course introduces students to the basic reading, grammar, and structures of the language. Texts include T.E. Robinson's *Paradigms and Exercises in Syriac Grammar*, which is supplemented with a specially developed course packet, and J.H. Eaton's *Horizons in Semitic Languages*. Graduate students who wish to receive course credit should register under this number.

**CLSS 60112 01: Introduction to Syriac Grammar**

0 credit, Saadi

6/21-7/09 MTWRF 8:30 AM-11:00 AM

**CRN: 3786**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours' tuition.

Description: An intensive, three-week introduction to the grammar of Syriac. The course introduces students to the basic reading, grammar, and structures of the language. Texts include T.E. Robinson's *Paradigms and Exercises in Syriac Grammar*, which is supplemented with a specially developed course packet, and J.H. Eaton's *Horizons in Semitic Languages*. This is a no-credit course.

**CLSS 60115 01: Introduction to Syriac Literature**

3 credits, Saadi

7/12-7/30 MTWRF 8:30 AM-11:00 AM

**CRN: 3792**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: An intensive introduction to basic prose reading in Syriac. Texts include: excerpts from the Peshitta Gospels, the teaching of the Apostle Addai, and the *Life of Ephrem the Syrian*. It is highly recommended that this course is to be taken immediately following CLSS 60111. Graduate students who wish to receive course credit should register under this number.

**CLSS 60116 01: Introduction to Syriac Reading**

0 credit, Saadi

7/12-7/30 MTWRF 8:30 AM-11:00 AM

**CRN: 3793**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours' tuition.

Description: An intensive introduction to basic prose reading in Syriac. Texts include: excerpts from the Peshitta Gospels, the teaching of the Apostle Addai, and the *Life of Ephrem the Syrian*. It is highly recommended that this course is to be taken immediately following CLSS 60111. This is a no-credit course.

## 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 30340 01: Artificial Intelligence**

3 credits, Sepeta

6/21-8/06 MW 1:30 PM-2:45 PM

**CRN: 3882**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Artificial Intelligence is the subject of trying to create human intelligence in machines (computers). In this endeavor we come to better understand the nature of intelligence and the moral and ethical ramifications of mechanizing intelligence; and, simultaneously we discover clever and ingenious uses of the computer which enrich all of computer science. Topics covered include the history of AI, programming languages for AI, state space search, games, knowledge representation and reasoning, planning, neural networks, and program evolution. The course requirements include two papers (2-4 pages, each,) a presentation, two tests, and a final examination.

### **CAPP 45565 01: Internship**

3 credits, Berzai

6/21-8/06

**CRN: 2392**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Section 01 of CAPP 45565 is

titled "Internship" and encompasses working with various civic, public, and/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

6/21-8/06

**CRN: 1362**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Section 01 of CAPP 47567 involves an independent study development or other project that requires completion of a significant body of work combining technology in some way with an academically acceptable content knowledge area or discipline, such as a student's primary major. Enrollment in this course requires approval of a written proposal outlining the specific details of the proposed project. For guidelines on the required proposal and approval process see the CAPP website.

### **CAPP 47567 03: Special Studies**

Variable credits, Villano

6/21-8/06

**CRN: 3176**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Section 01 of CAPP 47567 involves an independent study development or other project that requires completion of a significant body of work combining technology in some way with an academically acceptable content knowledge area or discipline, such as a student's primary major. Enrollment in this course requires approval of a written proposal outlining the specific details of the proposed project. For guidelines on the required proposal and approval process see the CAPP website.

## 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 20232 01: C/C++ Programming**

3 credits, Bualuan

6/21-8/06 MTWRF 11:45 AM-12:50 PM

**CRN: 2862**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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.

### **CSE 30331 01: Data Structures**

3 credits

6/21-8/06 MTWRF 10:30 AM-11:35 AM

**CRN: 3809**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 47900 01: Special Studies**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Individual or small group study under the direction of a CSE faculty member in an undergraduate subject not currently covered by any University course.

### **CSE 48900 01: Undergraduate Research**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: A research project at the undergraduate level under the supervision of a CSE faculty member.

### **CSE 60732 01: C/C++ Programming**

3 credits, Bualuan

6/21-8/06 MTWRF 11:45 AM-12:50 PM

**CRN: 3732**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Top-down analysis and

## 30 ECONOMICS AND ECONOMETRICS

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.

### **CSE 67900 01: Special Studies**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This number is reserved for specialized and/or experimental graduate courses. Content, credit, and instructor will be announced by department. (Offered if necessary)

### **CSE 68900 01: Thesis Direction**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research to satisfy the six credit hours required for the master's degree.

### **CSE 68901 01: Thesis Direction**

Variable credits

6/21-8/06

**CRN: 2957**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research to satisfy the six credit hours required for the master's degree.

### **CSE 68905 01: Nonresident Dissertation Research**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident master's degree students who are completing their theses in absentia and who wish to retain their degree status.

### **CSE 77900 01: Special Studies**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This number is reserved for specialized and/or experimental graduate courses. Content, credit, and instructor will be announced by department. (Offered if

necessary)

### **CSE 98900 01: Research and Dissertation**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and dissertation for resident doctoral students.

### **CSE 98901 07: Research and Dissertation**

Variable credits, Madey

6/21-8/06

**CRN: 2976**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and dissertation for resident doctoral students.

### **CSE 98995 01: Nonresident Dissertation Research**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident doctoral students who are completing their dissertations in absentia and who wish to retain their degree status.

## ECONOMICS AND ECONOMETRICS

*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: Senior Honors Essay**

3 credits, Mogavero

6/21-8/06

**CRN: 1019**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: A two-semester tutorial requiring a completed essay on a selected topic in economics in depth. The John Harold Sheehan Prize Essay Award with inscribed plaque is awarded by the Department of Economics to the graduating senior who has written the best senior honors essay.

### **ECON 47498 01: Special Studies: Readings and Research**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Prerequisites: Senior standing, dean's list average, and written consent of instructor.

### **ECON 47950 01: Special Studies**

2 credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 47960 31: Senior Honors Essay**

3 credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: A tutorial requiring a completed essay on a selected topic in economics in depth. The faculty of economics awards the John Harold Sheehan Prize Essay Award with inscribed plaque to the graduating senior who has written the best senior honors essay. Senior economics majors only.

### **ECOE 60000 01: Graduate Mathematics Review**

0 credit, Gresik, Rath

8/16-8/20 MTWRF 9:30 AM-12:00 PM

8/16-8/20 MTWRF 2:00 PM-4:30 PM

**CRN: 3472**

Last add date: 8/16

Drop dates: refund, 8/16; last, 8/18

Description: This course is a review of some important mathematical topics essential for graduate study in economics. Topics include univariate and multivariate calculus; optimization with and without constraints; linear algebra; concave and convex functions. By permission only.

### **ECOE 73901 01: Nonresident Dissertation Research**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.

**ECOE 76911 01: Directed Readings**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: By arrangement with individual instructors. Offered for a variable number of credit hours.

**ECOE 77911 01: Special Topics**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Independent study under the direction of a faculty member. Course requirements may include substantial writing as determined by the director who 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.

**ECOE 77951 01: Research and Dissertation**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course is taken by a student wishing to earn a research master's degree. The student works under the guidance of one or more faculty member to produce a master's thesis.

## 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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: A research project at the undergraduate level under the supervision of a faculty member.

**EE 67001 02: Special Studies**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Individual or small-group study under the direction of a faculty member in a graduate subject not currently covered by any University course.

**EE 68599 02: Thesis Direction**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research to satisfy the six credit hours required for the master's degree.

**EE 87061 01: Summer Research Education for Teachers**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course is intended for high school teachers in order to give them research experience in the area of electrical engineering.

**EE 87698 02: Special Studies**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This number is reserved for specialized and/or experimental graduate courses. Content, credit, and instructor will be announced by department. (Offered as necessary)

**EE 88600 01: Nonresident Thesis Research**

1 credit, Fuja

6/21-8/06

**CRN: 1981**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and dissertation for resident doctoral students.

**EE 88700 01: Nonresident Dissertation Research**

1 credit, Fuja

6/21-8/06

**CRN: 1980**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident doctoral students who are completing their dissertations in absentia and who wish to retain their degree status.

## ENGINEERING NONDEPARTMENTAL

*Director of Academic Affairs:*

Catherine F. Pieronek

College of Engineering

Dept. Tel.: (574) 631-5530

**EG 48999 01: Research Experience for Undergraduates**

0 credit

6/21-8/06

**CRN: 3189**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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.

## ENGLISH

### Chair:

John Sitter, 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 20000 01: Introduction to Creative Writing

3 credits, Menes  
6/21-8/06 MWF 8:25 AM-10:15 AM  
**CRN: 3860**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course will introduce you to the craft of writing poetry and fiction. Thus, you will study the language, forms, techniques, and conventions of poetry and fiction with the purpose of putting that knowledge into practice. The hope is that by the end of the semester you will have also discovered ways of reading creative works that are stimulating and enriching for you. A large part of the semester will be devoted to the writing and sharing of exercises and original creative works in a workshop setting.

### ENGL 20233 01: Beowulf and Heroic Legend

3 credits, Hall  
6/21-8/06 TR 1:45 PM-4:00 PM  
**CRN: 3872**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Beowulf is one of the oldest poems in English, the closest thing we have to a medieval English epic, a literary monument of extraordinary complexity, and

a study in heroic behavior that evaluates and problematizes every aspect of the folklore, myth, and legend that it weaves into its narrative. The relationship between Beowulf and early medieval heroic legend will be front and center in this course, which will undertake a close reading of the poem set against several comparable exemplars of heroic behavior in neighboring medieval traditions, including the Old English Battle of Maldon, the Old High German Hildebrandslied, the Old Welsh Gododdin, the Latin Waltharius, the Old Irish Táin Bó Cúailnge, the Old French Chanson de Roland, and the Old Icelandic Hrólf's saga kraka (all in modern English translation). We'll look carefully at how heroic characters are represented and defined in these texts, and we'll consider the part played by feud, revenge, honor, loyalty, and social bonds and allegiances in constructing a heroic ethos. Weekly response papers, two essays, and a final exam.

### ENGL 20323 01: The British Novel

3 credits, Thomas  
6/21-8/06 TR 9:15 AM-12:00 PM  
**CRN: 3861**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 40236 01: Beowulf and Heroic Legend

3 credits, Hall  
6/21-8/06 TR 1:45 PM-4:00 PM  
**CRN: 3871**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Beowulf is one of the oldest poems in English, the closest thing we have to a medieval English epic, a literary monument of extraordinary complexity, and a study in heroic behavior that evaluates and problematizes every aspect of the folklore, myth, and legend that it weaves into its narrative. The relationship between Beowulf and early medieval heroic legend will be front and center in this course, which will undertake a close reading of the poem set against several comparable exemplars of heroic behavior in neighboring medieval traditions, including the Old English Battle of Maldon, the Old High German Hildebrandslied, the Old Welsh Gododdin, the Latin Waltharius, the Old Irish Táin Bó Cúailnge, the Old French Chanson de Roland, and the Old Icelandic Hrólf's saga kraka (all in modern English translation). We'll look carefully at how heroic characters are represented and defined in these texts, and we'll consider the part played by feud, revenge, honor, loyalty, and social bonds and allegiances in constructing a heroic ethos. Weekly response papers, two essays, and a final exam.

### ENGL 47999 01: Special Studies

Variable credits, Vanden Bossche  
6/21-8/06

**CRN: 1002**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Independent study under the direction of a faculty member.

### ENGL 90110 01: English for Non-native Speakers

3 credits, Deane-Moran  
6/23-8/05 MTWR 11:30 AM-1:00 PM  
**CRN: 1164**

Last add date: 6/26

Drop dates: refund, 7/01; last, 7/14

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, Lander  
6/21-8/06

**CRN: 3240**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Directed readings for examinations in the doctoral program.

**ENGL 97001 01: Special Studies**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Topics vary by semester.

**ENGL 98000 01: Nonresident Thesis Research**

1 credit, Lander

6/21-8/06

**CRN: 1831**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and writing on an approved subject under the direction of a faculty member.

**ENGL 98600 01: Nonresident Dissertation Research**

1 credit, Lander

6/21-8/06

**CRN: 1130**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

**ENGL 98601 01: Research and Dissertation**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Independent research and writing on an approved subject under the direction of a faculty member.

**FILM, TELEVISION, AND THEATRE**

*Chair:*

Don Crafton, 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 30405 01: Introduction to Film and Television Production**

3 credits, Mandell

6/21-8/06 MWF 3:10 PM-5:00 PM

**CRN: 2918**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Meets University Fine Arts requirement

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 in the Marie P. DeBartolo Performing Arts Center. Requirements: Three short digital video assignments, selected readings, and a final exam.

**FTT 35501 01: Media Internship**

Variable credits, Heisler

6/21-8/06

**CRN: 4062**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Students must apply for the course and receive permission from the instructor. Application can be obtained from the following website: [nd.edu/~ftt/](http://nd.edu/~ftt/) or in 230 Performing Arts Center.

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 40491 01: Entertainment and Arts Law**

3 credits, Wilson

6/21-8/06 MW 6:30 PM-9:00 PM

**CRN: 3294**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 50000 01: How to Teach Film Across the Humanities**

Variable credits, Collins

5/24-5/28 MTWRF 9:00 AM-5:00 PM

**CRN: 3413**

Last add date: 5/24

Drop dates: refund, 5/24; last, 5/26

Description: This course is intended for Notre Dame 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've 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'll 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 50000 02: How to Teach Film Across the Humanities**

Variable credits, Collins  
5/17-5/21 MTWRF 9:00 AM-5:00 PM  
**CRN: 3577**

Last add date: 5/17

Drop dates: refund, 5/17; last, 5/19

Description: This course is intended for Notre Dame faculty 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’ve 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’ll 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  
6/21-8/06 MWF 3:10 PM-5:00 PM  
**CRN: 2919**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Meets University Fine Arts requirement

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 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  
6/21-8/06 MW 6:30 PM-9:00 PM  
**CRN: 3295**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 57601 01: Special Studies**

Variable credits, Heisler  
6/21-8/06

**CRN: 3712**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Art Dept MFA takes hours with this professor for independent study.

## GERMAN & RUSSIAN LANGUAGES & LITERATURES

*Chair:*

Robert 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 60500 01: German Graduate Reading**

0 credit  
6/21-8/06 MTWR 11:00 AM-12:15 PM  
**CRN: 1338**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours’ tuition.

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.

**GE 60500 02: German Graduate Reading**

0 credit  
6/21-8/06 MTWR 12:30 PM-1:45 PM  
**CRN: 3183**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours’ tuition.

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:

Thomas Noble, 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 30440 01: The Northern Ireland "Troubles," 1920 to the present**

3 credits, Smyth  
6/21-8/06 MWF 10:30 AM-12:20 PM  
**CRN: 4044**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: This course explores the history of the six north-eastern counties of Ireland which became "Northern Ireland" in 1920/1. Northern Ireland remained part of the United Kingdom and had a built-in Protestant unionist majority, while the Catholic minority, alienated from the state from the outset, looked across the new border and to Dublin, capital of the Irish Free State, as the site of their allegiance. Northern Ireland was thus, from the beginning, dysfunctional, scarred by sectarian violence and systematic discrimination in housing and employment. After examining the origins of the state and the early decades of its existence, the class will turn to its main concern, "the troubles," which broke out in the late 1960s. The major episodes under scrutiny include the civil rights movement, Bloody Sunday, the hunger strikes, and the Good Friday Peace Agreement. This course satisfies the university history requirement and is open to all students.

### **HIST 30466 01: Adolf Hitler and Nazi Germany**

3 credits, Cucchiara  
6/21-8/06 MW 1:15 PM-3:45 PM  
**CRN: 4045**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: This course explores the rise of Adolf Hitler and National Socialism from the foundation of the Weimar Republic to the end of World War II. Topics include an examination of the origins of Nazi

ideology, daily life under Hitler, adaptation and resistance of the Christian churches, the Holocaust, World War II, and the German home front. This course satisfies the university history requirement and is open to all students.

### **HIST 30800 01: African-American History II: Since 1865**

3 credits, Pierce  
6/21-8/06 TR 8:55 AM-11:25 AM  
**CRN: 3658**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: African American History II is a course that examines the broad range of problems and experiences of African Americans from the close of the American Civil War to the 1980s. We will explore both the relationship of blacks to the larger society and the inner dynamics of the black community. We will devote particular attention to Reconstruction, the migration of African Americans from the rural south to the urban north, and the political machinations of the African American community. The course will utilize historical documents in the form of articles and other secondary sources. Classes will be conducted as lecture-discussions.

### **HIST 30855 01: We Hold These Truths: Catholics in 20th Century America**

3 credits, Appleby  
6/21-8/06 TR 1:15 PM-3:45 PM  
**CRN: 4046**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: A survey of the Catholic presence in the United States during "the American century," the focus of the class will be on the ways Catholics integrated their national and religious identities. Defining American culture broadly, we will discuss Catholic politicians and laborers, monks and nuns, pacifists and cold warriors. What was the relationship between Catholic spirituality, cultural criticism and social reform? What consequences did conflict over "sex" and gender have in the realm of church authority and lay practice? Why did Catholics stop going to confession in the mid-sixties? We will examine the challenges of being American and Catholic by exploring Catholic themes in American popular music, film, and fiction; Catholic social teaching on the economy and nuclear war; and the changes in Catholic religious practice and self-understanding inspired

by the events of the 1960s, including the Second Vatican Council and the civil rights movement. Profiles of "everyday Catholics" drawn from primary historical sources will be complemented by brief excerpts from the writings of influential thinkers and activists such as John Ryan, Dorothy Day, John Courtney Murray, Thomas Merton, Richard Rodriguez, Cardinal Joseph Bernardin and Cathleen Kaveny. Two class sessions will be devoted to Notre Dame's role in this story, including the vocation and career of Father Ted Hesburgh, while three class sessions will be devoted to contemporary challenges facing Catholics and the Church. This course satisfies the university history requirement and is open to all students.

### **HIST 37050 01: Directed Readings**

Variable credits  
**CRN varies with instructor**  
6/21-8/06

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: Independent study of special topics under the direction of a faculty member. Requires permission of the faculty member as well as the Director of Undergraduate Studies.

### **HIST 66050 01: Directed Readings**

Variable credits  
**CRN varies with instructor**  
6/21-8/06

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: Independent study of special topics under direction of a faculty member. Agreement by the faculty member and approval by the director of graduate studies required.

### **HIST 98699 01: Research and Dissertation**

1 credit, Hamlin  
6/21-8/06  
**CRN: 1336**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
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**

1 credit, Hamlin  
6/21-8/06  
**CRN: 1335**  
Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Continuing registration for the doctorate beyond 72 credits; required of students not in residence.

## HISTORY AND PHILOSOPHY OF SCIENCE

*Director:*

Don A. Howard, 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 2010 at [nd.edu/~ndhpsum](http://nd.edu/~ndhpsum).

### HPS 63605 01: Art and Science

3 credits, Gaspar

6/21-6/25 MTWRF 8:00 AM-5:00 PM

CRN: 4063

Last add date: 6/21

Drop dates: refund, 6/21; last, 6/23

Description: This course is for high school/regular graduate research summer offering.

### HPS 63722 01: Evolution, Heredity, and the History of Biology

3 credits, Pence

6/21-6/25 MTWRF 8:00 AM-5:00 PM

CRN: 3653

Last add date: 6/21

Drop dates: refund, 6/21; last, 6/23

Description: This course will chart the history of biology from Darwin's proposal of evolution by natural selection to Watson and Crick's discovery of the structure of DNA. We will examine the debates over the nature of heredity during this period as a set of "natural responses" to the theory of evolution -many of which remain in our biology textbooks. The development of these ideas will bring us into contact with methodological concerns in science, the role of experiment and theory in scientific discovery, and the process by which new scientific theories are developed, tested, and rejected. We will conclude with a brief overview of current issues regarding science and religion, creationism and intelligent design, and the prospect of teaching evolution to students in today's cultural environment. The course will focus on the relevance of such issues for the high school curriculum, and the develop-

ment of historical and philosophical tools that are useful not only to provide context for modern scientific theories, but which are also worthwhile in understanding the historical antecedents of many of the most common misunderstandings of evolutionary theory. Students can hope to finish the course with functional lesson plans for integrating these themes into the classroom.

### HPS 78599 01: Thesis Direction

Variable credits, Howard

6/21-8/06

CRN: 1334

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and writing on an approved subject under the direction of a faculty member.

### HPS 78600 01: Nonresident Thesis Research

Variable credits, Howard

6/21-8/06

CRN: 1333

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

### HPS 96697 01: Directed Readings

Variable credits

CRN varies with instructor

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Readings and discussion of chosen texts under the personal supervision of a member of the faculty.

### HPS 98699 01: Research and Dissertation

Variable credits, Howard

6/21-8/06

CRN: 1688

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Independent research and writing on an approved subject under the direction of a faculty member.

### HPS 98700 01: Nonresident Dissertation Research

Variable credits, Howard

6/21-8/06

CRN: 1687

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident graduate students who are completing their

dissertations in absentia and who wish to retain their degree status.

## 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 <http://phdliterature.nd.edu/>

### LIT 86970 01: Directed Readings: Ph.D. Examination

1 credit, Buttigieg

6/21-8/06

CRN: 3146

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Directed Readings for the Ph.D. in Literature Program Ph.D. examination.

### LIT 98600 01: Research & Dissertation

1 credit

CRN varies with instructor

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research & Dissertation.

### LIT 98601 01: Nonresident Dissertation Research

1 credit, Buttigieg

6/21-8/06

CRN: 3643

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

## PROGRAM OF LIBERAL STUDIES

### *Chair:*

Stephen M. Fallon, Ph.D.  
Dept. Tel.: (574) 631-7172

### **PLS 46000 01: Directed Readings**

Variable credits, Munzel

6/21-8/06

**CRN: 2211**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Instructor's written permission and permission of chair required. Reading courses in areas of interest to the student.

## MATHEMATICS

### *Chair:*

Bei Hu, Ph.D.

### *Associate Chair:*

Juan Migliore, Ph.D.

Dept. Tel.: (574) 631-7083

### **MATH 10120 01: Finite Mathematics**

3 credits,

6/21-8/06 MTWRF 1:25 PM-2:40 PM

**CRN: 1332**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For students in arts and letters or as an elective for students in business administration. Topics include the fundamental principles of counting systematically, probability, statistics, linear programming, optimization problems, game theory, and mathematical finance. Other topics that may be covered include population problems, difference equations and modeling, and coding information. There is a wealth of applications of these topics to contemporary social, economic, and political issues appealing to liberal arts students. Also, these topics broaden a student's mathematical horizon in an interesting direction not covered by calculus, which deals mostly with continuous models.

### **MATH 10240 01: Principles of Calculus**

3 credits

6/21-8/06 MTWRF 1:25 PM-3:05 PM

**CRN: 3237**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: For students in arts and letters.

Description: Credit is not given for both

this course and any other calculus course. A terminal course introducing the principles of calculus. Topics include basic properties of functions, derivatives and integrals, with interesting real-life applications throughout. This course is not intended to prepare students for more advanced work in calculus.

### **MATH 10250 01: Elements of Calculus I**

3 credits

6/21-8/06 MTWRF 1:25 PM-2:40 PM

**CRN: 1331**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For students in arts and letters, architecture, or business. A study of basic calculus as part of a liberal education. It emphasizes conceptual learning and stresses the connections between mathematics and 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

6/21-8/06 MTWRF 9:10 AM-10:25 AM

**CRN: 1363**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 10350 01: Calculus A**

4 credits

6/21-8/06 MTWRF 1:25 PM-3:15 PM

**CRN: 3847**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Primarily for students in science whose programs require a one-year terminal course in calculus of one variable but also open to students in arts and letters. Topics include sets, functions, limits, continuity, derivatives, integrals, and applications.

### **MATH 10360 01: Calculus B**

4 credits

6/21-8/06 MTWRF 1:25 PM-3:15 PM

**CRN: 3196**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Primarily for students in science whose programs require a one-year terminal course in calculus of one variable but also open to students in arts and letters. Topics include sets, functions, limits, continuity, derivatives, integrals, and applications.

### **MATH 10560 01: Calculus II**

4 credits

6/21-8/06 MTWRF 8:45 AM-10:25 AM

**CRN: 1373**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 30530 01: Introduction to Probability**

3 credits

6/21-8/06 MTWRF 1:25 PM-2:40 PM

**CRN: 1512**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Consent of director of undergraduate studies in mathematics is required.

**MATH 68990 01: Research Education for Teachers - Elements of Probability and Statistics**

3 credits, Hahn

6/21-8/06

**CRN: 3081**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 86700 01: Directed Readings**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**MATH 88900 02: Research and Dissertation**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and dissertation for resident graduate students.

**MATH 98900 01: Nonresident Dissertation Research**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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.

**MI 20123 01: Beowulf and Heroic Legend**

3 credits, Hall

6/21-8/06 TR 1:45 PM-4:00 PM

**CRN: 4086**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Beowulf is one of the oldest poems in English, the closest thing we have to a medieval English epic, a literary monument of extraordinary complexity, and a study in heroic behavior that evaluates and problematizes every aspect of the folklore, myth, and legend that it weaves into its narrative. The relationship between Beowulf and early medieval heroic legend will be front and center in this course, which will undertake a close reading of the poem set against several comparable exemplars of heroic behavior in neighboring medieval traditions, including the Old English Battle of Maldon, the Old High German Hildebrandslied, the Old Welsh Gododdin, the Latin Waltharius, the Old Irish Táin Bó Cúailnge, the Old French Chanson de Roland, and the Old Icelandic Hrólfs saga kraka (all in modern English translation). We'll look carefully at how heroic characters are represented and defined in these texts, and we'll consider the part played by feud, revenge, honor, loyalty, and social bonds and allegiances in constructing a heroic ethos. Weekly response papers, two essays, and a final exam.

**MI 40004 01: Medieval Latin**

3 credits, Mantello

6/21-8/06 MWF 10:30 AM-12:20 PM

**CRN: 3770**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: \$45 materials fee. The Medieval Academy of America's Committee on Centers and Regional Associations (CARA) offers two full-tuition scholarships for students taking a 3-credit summer program

Latin course through the Medieval Institute at Notre Dame. Application details and eligibility information are available at [nd.edu/~medinst/programs/summer.html](http://nd.edu/~medinst/programs/summer.html). 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 40123 01: Beowulf and Heroic Legend**

3 credits, Hall

6/21-8/06 TR 1:45 PM-4:00 PM

**CRN: 4087**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Beowulf is one of the oldest poems in English, the closest thing we have to a medieval English epic, a literary monument of extraordinary complexity, and a study in heroic behavior that evaluates and problematizes every aspect of the folklore, myth, and legend that it weaves into its narrative. The relationship between Beowulf and early medieval heroic legend will be front and center in this course, which will undertake a close reading of the poem set against several comparable exemplars of heroic behavior in neighboring medieval traditions, including the Old English Battle of Maldon, the Old High German Hildebrandslied, the Old Welsh Gododdin, the Latin Waltharius, the Old Irish Táin Bó Cúailnge, the Old French Chanson de Roland, and the Old Icelandic Hrólfs saga kraka (all in modern English translation). We'll look carefully at how heroic characters are represented and defined in these texts, and we'll consider the part played by feud, revenge, honor, loyalty, and social bonds and allegiances in constructing a heroic ethos. Weekly response papers, two essays, and a final exam.

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

Variable credits, Constable  
6/21-8/06

**CRN: 1328**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Offers advanced undergraduate students a possibility to work closely with a professor in preparing a topic mutually agreed upon.

**MI 47801 01: NSF-REU Biocultural Research Program**

Variable credits, Sheridan

6/07-7/23 MTWRF 10:00 AM-6:00 PM

**CRN: 2842**

Last add date: 6/11

Drop dates: refund, 6/15; last, 6/30

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 Byzantine St. Stephen's skeletal collection from Jerusalem as the cornerstone, historical and archaeological information will be synthesized in a biocultural reconstruction of ancient monastic life. 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.

**MI 60004 01: Medieval Latin**

3 credits, Mantello

6/21-8/06 MWF 10:30 AM-12:20 PM

**CRN: 3774**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: \$45 materials fee. The Medieval Academy of America's Committee on Centers and Regional Associations (CARA) offers two full-tuition scholarships for students taking a 3-credit summer program Latin course through the Medieval Institute at Notre Dame. Application details and eligibility information are available at [nd.edu/~medinst/programs/summer.html](http://nd.edu/~medinst/programs/summer.html).

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 repertoires of sources, and reference works for the study of Latin works composed in the Middle Ages.

**MI 60005 01: Paleography**

3 credits, Mantello

6/21-8/06 MWF 3:10 PM-5:00 PM

**CRN: 3779**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: \$45 materials fee. The Medieval Academy of America's Committee on Centers and Regional Associations (CARA) offers two full-tuition scholarships for students taking a 3-credit summer program Latin course through the Medieval Institute at Notre Dame. Application details and eligibility information are available at [nd.edu/~medinst/programs/summer.html](http://nd.edu/~medinst/programs/summer.html).

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.

**MI 66020 01: Directed Readings-Grad**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Offers graduate students a possibility, normally in their second or third year, to work closely with a professor in preparing a topic mutually agreed upon. Student and professor must sign a form that records the readings.

**MI 77001 01: Field Examination Preparation**

Variable credits, Constable

6/21-8/06

**CRN: 2859**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Offers students a possibility, normally in their second or third year, to work closely with a professor in preparing for one of their field examinations.

**MI 77002 01: Dissertation Proposal Preparation**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Offers students the opportunity to work with their adviser in preparing their dissertation proposal.

**MI 88001 01: Resident Dissertation Research**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Independent research and writing on an approved subject under the direction of a faculty member.

**MI 88002 01: Nonresident Dissertation Research**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident graduate students who are completing their thesis in absentia and who wish to retain their degree status.



## MUSIC

### Chair.

Donald Crafton, Ph.D.  
Dept. Tel.: (574) 631-6211

**The Program of Studies.** The Department of Music offers independent study courses that may form part of programs leading to the master of music degree in performance and literature or the master of arts degree in musicology or theory. All degree programs normally require at least two semesters of residence during the regular academic year.

Courses taken in the summer will be accepted toward any one of these degrees if the student is admitted to the graduate program. Further information on the graduate program in music can be obtained by writing the Department of Music.

### 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 [nd.edu/~sumsess/](http://nd.edu/~sumsess/). 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  
6/21-8/06 MTWR 8:55 AM-10:15 AM  
**CRN: 1041**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
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 01: Special Studies

Variable credits  
**CRN varies with instructor**  
6/21-8/06  
Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: An individualized course in directed studies under personal supervision of the teacher.

#### MUS 67900 01: Special Studies

Variable credits  
**CRN varies with instructor**  
6/21-8/06  
Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: Individual study under personal direction of a faculty member.

#### MUS 68900 01: Thesis Direction

Variable credits  
**CRN varies with instructor**  
6/21-8/06  
Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: Planning and developing the master's thesis for M.A. students.

#### MUS 68901 01: Nonresident Thesis Research

1 credit  
**CRN varies with instructor**  
6/21-8/06  
Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

## PHILOSOPHY

### Chair.

Stephen Dumont, Ph.D.  
Dept. Tel.: (574) 631-6471

#### PHIL 20101 01: Introduction to Philosophy

3 credits, Blanchette  
6/21-8/06 MWF 10:30 AM-12:20 PM  
**CRN: 1320**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
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 20203 01: Death and Dying

3 credits, Neiman  
6/21-8/06 MTWR 2:45 PM-4:05 PM  
**CRN: 3291**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: This course examines metaphysical and ethical issues associated with bodily death. Metaphysical issues taken up

in this course include the following: What is death? Is death a bad thing? Is there any hope for survival of death? Ethical issues to be discussed include suicide, euthanasia, and abortion.

#### PHIL 20207 01: Self and World

3 credits, Dumont  
6/21-8/06 TR 6:30 PM-9:00 PM  
**CRN: 4065**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: A general introduction to the fundamental questions about the nature of the world and our place in it, the area of philosophy called metaphysics.

#### PHIL 20215 01: Ways of Peacemaking: Gandhi, Heschel and King

3 credits, Neiman  
6/21-8/06 MTWR 1:15 PM-2:35 PM  
**CRN: 3889**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: An intensive study of the philosophy and spirituality of three of the greatest peace educators of our century: M. Gandhi, A. Heschel and M. Luther King.

#### PHIL 20801 01: Philosophy of Religion

3 credits, Cross  
6/21-8/06 TR 1:15 PM-3:45 PM  
**CRN: 3607**

Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
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, immortality, and religious pluralism) by means of a close study of classic texts in the discipline.

#### PHIL 46497 01: Directed Readings

Variable credits  
**CRN varies with instructor**  
6/21-8/06  
Last add date: 6/25  
Drop dates: refund, 6/29; last, 7/14  
Description: With consent of instructor and approval of department, advanced students are permitted to take a tutorial with a faculty member. Readings will be assigned in a particular area and writing assignments required.

#### PHIL 63202 01: Kant's Three Critiques

3 credits, Hosle  
6/28-7/16 MTWRF 10:25 AM-12:35 PM  
**CRN: 3894**  
Last add date: 6/29

Drop dates: refund, 7/01; last, 7/07

Description: We will read Kant's three Critiques as facets of a unitarian project of subjecting all our claims to validity to the "tribunal of reason". While usually courses on Kant focus on either his theoretical or practical philosophy or his aesthetic theory, we want to see which common assumptions underlie the critical project as a whole and how the three Critiques partly depend on each other, partly manifest a development of Kant's thought. The course presupposes a thorough reading of the three Critiques prior to its beginning; a basic knowledge of early modern philosophy, a study of further main works by Kant, and a familiarity with the later discussion on transcendental arguments is encouraged.

#### **PHIL 93919 01: The Foundations of Mathematics**

3 credits, Detlefsen

5/18-6/25 TR

**CRN: 4069**

Last add date: 5/21

Drop dates: refund, 5/25; last, 6/06

Description: The general aim of this workshop is to arrive at a better understanding of the foundations of mathematics and its possible benefits. More particular concerns include: I. What might we reasonably ask and/or expect of a foundation of mathematics? II. What are the most important similarities and differences between the two major foundational alternatives today, set theoretical and category theoretical foundations? III. What are the most significant comparative advantages and disadvantages of each of these two approaches? IV. Are there further alternative conceptions of foundations? This is the first occurrence of what is intended to be an annual seminar involving Notre Dame, the U of Paris-Diderot, the Ecole Normale Supérieure, the U of Nancy and the Ecole Polytechnique.

#### **PHIL 96697 01: Directed Readings**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of students in residence engaged in full-time dissertation research.

#### **PHIL 98700 01: Nonresident Dissertation Research**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For doctoral candidates not in residence while working on the dissertation. Required to maintain degree candidacy.

## **PHYSICS**

*Chair:*

Mitchell R. Wayne, Ph.D.

Dept. Tel.: (574) 631-6386

#### **PHYS 08699 01: Directed Research: Particle Physics**

Variable credits, Ruchti, Wayne

6/21-8/06

**CRN: 2261**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

6/21-8/06

**CRN: 1014**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

5/31-7/02 MTWRF 10:00 AM-12:10 PM

**CRN: 1317**

Last add date: 6/02

Drop dates: refund, 6/06; last, 6/16

Note: In order to take this course, a student 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 30220 01: Physics II**

4 credits, Arnold

7/05-8/06 MTWRF 10:00 AM-12:10 PM

**CRN: 1316**

Last add date: 7/07

Drop dates: refund, 7/11; last, 7/21

Note: 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 electricity, magnetism, optics, and modern physics. Primarily for students in the life sciences. Laboratory meetings each week.

#### **PHYS 31210 01: Physics I Laboratory**

0 credit, Livingston

5/31-7/02 TR 1:30 PM-3:30 PM

**CRN: 2947**

Last add date: 6/02

Drop dates: refund, 6/06; last, 6/16

Description: The laboratory is a corequisite for PHYS 30210

#### **PHYS 31220 01: Physics II Laboratory**

0 credit, Arnold

7/05-8/06 TR 1:30 PM-3:30 PM

**CRN: 2946**

Last add date: 7/07

Drop dates: refund, 7/11; last, 7/21

Description: The laboratory is a corequisite for PHYS 30220

**PHYS 46490 01: Directed Readings**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Study of topics not covered or only briefly covered in other courses.

Readings, problems and reports.

**PHYS 48480 01: Undergraduate Research**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research in collaboration with members of the faculty. Three to nine hours each week, arranged individually for each student. One to three credits.

**PHYS 48999 01: Physics Research Education for Undergraduates**

0 credit, Garg

6/01-8/06 W 12:00 PM-2:00 PM

**CRN: 3800**

Last add date: 6/07

Drop dates: refund, 6/13; last, 7/04

Description: Students are granted stipends, university housing, and assistance with travel and food expenses. REU program gives valuable research experience, to help students decide if physics research is right for them.

**PHYS 68098 01: Directed Research in Physics Teaching**

Variable credits, Ruchti, Wayne

6/21-8/06

**CRN: 2920**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 QuarkNet program staff, and concurrence of instructor.

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. Instruction will be given in modeling physics phenomenon in a classroom setting. Emphasis given to applications in high school physics teaching. Students will maintain a course logbook and submit a written research summary at the conclusion of the workshop.

**PHYS 68099 01: Directed Research**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 courses are for high school teachers participating in research in the physics department. 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.

**PHYS 68299 01: Directed Research in Astrophysics**

Variable credits, Mathews

6/21-8/06

**CRN: 2267**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

6/21-8/06

**CRN: 2263**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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, Toroczka

6/21-8/06

**CRN: 2264**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

6/21-8/06

**CRN: 2265**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
6/21-8/06

**CRN: 2262**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
6/21-8/06

**CRN: 1015**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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**

1 credit, Hyder, Newman  
5/31-6/25 MTWRF 9:00 AM-11:00 AM

**CRN: 3198**

Last add date: 6/02

Drop dates: refund, 6/04; last, 6/12

Description: Discussions of topics of current interest in physics.

#### **PHYS 77032 01: Review of Fundamental Physics II**

1 credit, Eskildsen, Sapirstein  
7/05-7/30 MTWRF 9:00 AM-11:00 AM

**CRN: 3199**

Last add date: 7/07

Drop dates: refund, 7/09; last, 7/17

Description: Discussion of topics of current interest in physics. (Offered as needed)

#### **PHYS 98699 01: Research and Dissertation**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and dissertation for resident graduate students.

#### **PHYS 98700 01: Nonresident Dissertation Research**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 30050 01: Politics and the Human Condition**

3 credits, Radcliff  
6/21-8/06 MTW 12:45 PM-2:45 PM

**CRN: 4088**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 46902 01: Directed Readings**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Reading and research on specialized topics that are immediately 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

6/21-8/06

**CRN: 2801**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Preparation for comprehensive examination.

#### **POLS 78500 01: Field Research**

Variable credits, Wolbrecht

6/21-8/06

**CRN: 3694**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
6/21-8/06

**CRN: 2803**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
6/21-8/06

**CRN: 2804**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

**POLS 98699 01: Research and Dissertation**

Variable credits, Wolbrecht  
6/21-8/06

**CRN: 1702**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Independent research and writing on an approved subject under the direction of the director of graduate studies.

**POLS 98700 01: Nonresident Dissertation Research**

Variable credits, Wolbrecht  
6/21-8/06

**CRN: 1703**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

**PSYCHOLOGY***Chair:*

Daniel Lapsley, Ph.D.

*Director of Graduate Studies:*

Tom Merluzzi, 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 20001 01: Introductory Psychology, Personalized System of Instruction (PSI)**

3 credits, Crowell

6/21-8/06 MTWRF 10:30 AM-11:35 AM

**CRN: 3613**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course covers the same content as PSY 20001 but is taught using an individualized, self-paced method of instruction. This method is a variant of the Personalized System of Instruction (PSI) format and includes features such as self-paced learning, emphasis upon mastery of the written rather than the spoken word, frequent testing and an option to retake unsatisfactory quizzes.

**PSY 26800 02: Directed Readings**

Variable credits, Braungart-Rieker

6/21-8/06

**CRN: 3186**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Directed reading is carried out under the supervision of a faculty member. A typewritten report on the reading is required.

**PSY 30100 01: Experimental Psychology I: Statistics**

4 credits, Venter

7/12-8/06 MTWRF 11:00 AM-12:30 PM

7/12-8/06 MTWRF 1:30 PM-2:40 PM

**CRN: 3614**

Last add date: 7/14

Drop dates: refund, 7/16; last, 7/24

Description: An introduction to the analysis and evaluation of experimental data, with particular emphasis on measures of central tendency, variability, and covariability and their relationship to psychological theory and explanation.

**PSY 30600 01: Social Psychology**

3 credits, Venter

7/12-7/30 MTWRF 8:30 AM-10:14 AM

**CRN: 3790**

Last add date: 7/13

Drop dates: refund, 7/15; 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 37900 02: Research Lab Jr**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 43348 01: Psychology of Race: Examining Racial and Ethnic Identity Development**

3 credits, Pope-Davis

6/21-7/09 MTWRF 12:30 PM-3:00 PM

**CRN: 3880**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: The purpose of this course is to examine the psychological aspects of racial and ethnic identity development in the United States. This course will look at the general ideas of identity development from a psychological basis as well as the personal identities of American groups. The main course objectives are: To increase students' cultural awareness of their own and others' racial and ethnic identities; To develop relevant knowledge of about identity constructs in understanding different populations; and, To develop critical thinking skills in studying and evaluating research on the role of racial and ethnic identity development in psychological processes and human behavior.

**PSY 43367 01: Coaching Youth Sports**

3 credits, Howard

6/21-7/09 MTWRF 8:30 AM-11:00 AM

**CRN: 3883**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: This course is ideal for anyone who might serve as a coach at any time in the future. Topics include coaching strategies, substitution strategies, designing practices, dealing with parents, and the like. Conducting actual practice sessions and discussing relevant movies are scheduled throughout the course. There are no tests as

a final portfolio is the sole grading method. Books include Phil Jackson's *Sacred Hoops* and Andy Hill and John Wooden's *Be Quick But Don't Hurry*.

**PSY 47900 02: Special Studies: Reading and Research**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 61392 01: Practicum Summer**

Variable credits, Smith

6/21-8/06

**CRN: 3765**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

6/21-8/06

**CRN: 2615**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 63348 01: Psychology of Race**

3 credits, Pope-Davis

6/21-7/09 MTWRF 12:30 PM-3:00 PM

**CRN: 3881**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: The purpose of this course is to examine the psychological aspects of racial and ethnic identity development in the United States. This course will look at the general ideas of identity development from a psychological basis as well as the personal identities of American groups. The main course objectives are: To increase students' cultural awareness of their own and others' racial and ethnic identities; To develop relevant knowledge of about identity constructs in understanding different populations; and, To develop critical thinking skills in

studying and evaluating research on the role of racial and ethnic identity development in psychological processes and human behavior.

**PSY 78841 01: Reading/Special Topics**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Topics and prerequisites to be specified by instructor.

**PSY 98825 04: Research and Dissertation**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For resident graduate students who have completed all course requirements for the Ph.D.; maximum of 12 hours allowed.

**ROMANCE LANGUAGES AND LITERATURES**

*Chair:*

Theodore J. Cachey Jr., Ph.D.

Dept. Tel.: (574) 631-6886

**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 Spanish 10101, 10102, 20201, 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.

**FRENCH**

**ROFR 63050 01: French Graduate Reading**

0 credit, Toumayan

6/21-8/06 MTWRF 9:15 AM-10:20 AM

**CRN: 1178**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours' tuition.

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**

0 credit, MacKenzie

6/21-8/06 MTWRF 9:15 AM-10:20 AM

**CRN: 3185**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours' tuition.

Description: A course designed to prepare students for the Graduate Reading Examination. No prerequisites. Open to undergraduate students by permission of the chair.

## 46 SCIENCE NONDEPARTMENTAL

### ROFR 66000 01: Directed Readings

3 credits

6/21-8/06

**CRN: 1092**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Specialized reading related to the student's area of study.

### ROFR 66000 02: Directed Readings

Variable credits

6/21-8/06

**CRN: 3691**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Specialized reading related to the student's area of study.

### ROFR 78599 01: Thesis Direction

Variable credits

6/21-8/06

**CRN: 2953**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For students doing thesis work for a research master's degree.

## ITALIAN

### ROIT 10115 01: Intensive Beginning Italian for Study Abroad

6 credits, Blad, Vivirito

6/21-8/06 MTWRF 9:15 AM-11:35 AM

**CRN: 3886**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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.

### ROIT 67000 01: Special Studies

3 credits

6/21-8/06

**CRN: 3163**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: An in-depth study of a particular author, theme, genre or century. In addition to treating the primary texts, some critical material will be required reading. This course culminates in a substantial research paper. Taught in Italian.

### ROIT 78599 32: Thesis Direction

1 credit

6/21-8/06

**CRN: 1410**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For students doing thesis work for a research master's degree.

## SPANISH

### ROSP 10101 01: Beginning Spanish I

4 credits, Williams

6/07-7/09 MTWRF 10:30 AM-11:30 AM

6/07-7/09 MTWRF 11:45 AM-12:50 PM

**CRN: 3293**

Last add date: 6/09

Drop dates: refund, 6/13; last, 6/23

Description: This is an introductory, first-year language sequence with equal focus on the four skills: speaking, listening, reading, and writing. An appreciation for Hispanic cultures is also encouraged through readings and class discussion. The sequence is to be followed by ROSP 20201 or ROSP 20215.

### ROSP 10102 01: Beginning Spanish II

4 credits

6/07-7/09 MTWRF 10:30 AM-11:40 AM

6/07-7/09 MTWRF 11:45 AM-12:50 PM

**CRN: 1312**

Last add date: 6/09

Drop dates: refund, 6/13; last, 6/23

Note: May register by Placement Exam or by Permit-Override

Description: This is an introductory, first-year language sequence with equal focus on the four skills: speaking, listening, reading, and writing. An appreciation for Hispanic cultures is also encouraged through readings and class discussion. The sequence is to be followed by ROSP 20201 or ROSP 20215.

### ROSP 20201 01: Intermediate Spanish I

3 credits, Coloma

7/12-7/30 MTWRF 8:30 AM-11:00 AM

**CRN: 3884**

Last add date: 7/13

Drop dates: refund, 7/15; 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

6/21-8/06

**CRN: 1006**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Specialized reading related to the student's area of study.

### ROSP 66000 02: Directed Readings

Variable credits

6/21-8/06

**CRN: 1017**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Specialized reading related to the student's area of study.

### ROSP 76000 01: Directed Readings

3 credits

6/21-8/06

**CRN: 1311**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Specialized reading related to the student's area of study.

## SCIENCE NONDEPARTMENTAL

*Associate Dean:*

Steven A. Buechler, Ph.D.

Dept. Tel.: (574) 631-7738

### SC 48100 01: Research Experience for Undergraduates

0 credit, Hurley

6/21-8/06

**CRN: 1509**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Note: 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.

Description: Times and inclusive dates variable depending on specific program elected by the student. Permission required.

### SC 48101 01: Undergraduate Research

Variable credits

6/21-8/06

**CRN: 1001**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Times and inclusive dates variable depending on specific program elected by the student. Permission required.

**SC 67100 01: Special Studies**

Variable credits, Lappin  
 6/21-8/06

**CRN: 1310**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Times, inclusive dates and topics variable depending on specific program elected by the student. Permission required.

## SOCIOLOGY

*Chair:*

Rory McVeigh, Ph.D.  
 Dept. Tel.: (574) 631-6463

**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 10722 01: Introduction to Social Psychology**

3 credits, Childs  
 6/21-8/06 MTWR 10:30 AM-11:50 AM  
**CRN: 3788**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 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 20342 01: Marriage and the Family**

3 credits, Sobolewski  
 6/21-7/09 MTWRF 12:30 PM-3:00 PM  
**CRN: 3877**

Last add date: 6/22  
 Drop dates: refund, 6/24; last, 6/30

Description: The family is often agreed to be the primary and most fundamental of social institutions. It is within this institution that early socialization and care-giving usually take place, and therefore, many of our ideas about the world are closely tied to our families. This course will give students the opportunity to learn about the diverse forms the family has taken over time and across different groups. This knowledge will be useful in examining the ongoing debate about the place of the family in social life. By taking a sociological approach to learning about the family and by gaining knowledge about national family trends and patterns in the U.S., this course will give students the theoretical and empirical tools for understanding how family life is linked to the social structure, to economic, cultural, and historical events and transitions, and to societal factors like race, class, and gender.

**SOC 20502 01: Today's Organizations**

3 credits, Gunty  
 6/21-8/06 MW 6:30 PM-9:15 PM  
**CRN: 3878**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 Description: Throughout our lives we participate in and interact with many different types of organizations: hospitals, schools, businesses, government agencies, religious institutions. However, our understanding of these organizations is often limited. We may see what they do, but it is often difficult to see how organizations do these things and why they do them. Broadening our understanding of organizations can facilitate our ability to both negotiate our way through organizations and restructure organizational activities. The objective of this course is to increase your ability to understand today's organizations by (1) exploring different ways of looking at and thinking about organizations and (2) developing your skill at "reading" real organizational situations. Because today's organizations are multi-faceted entities we will look at organizations from many different angles: as machines, organisms, brains, culture, political systems, psychic prisons, instruments of domination, and as flux and transformation. Throughout the course active learning is stimulated by organizing class sessions around discussions of cases (including video cases) and using cooperative learning groups. Upon completion of the course you will be able to (1) analyze organizations from multiple

perspectives and (2) imagine alternative ways of organizing activities.

**SOC 20722 01: Introduction to Social Psychology**

3 credits, Childs  
 6/21-8/06 MTWR 10:30 AM-11:50 AM  
**CRN: 3789**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 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 10722 - courses overlap.

**SOC 30019 01: Sociology of Sport**

3 credits, Welch  
 6/21-8/06 TR 1:15 PM-3:45 PM  
**CRN: 2858**

Last add date: 6/25  
 Drop dates: refund, 6/29; last, 7/14  
 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 30900 01: Foundations of Sociological Theory**

3 credits, Faeges  
 6/21-7/09 MTWRF 10:30 AM-12:50 PM  
**CRN: 3782**

Last add date: 6/22  
 Drop dates: refund, 6/24; last, 6/30  
 Description: Sociological theory is the foundation of sociology. Students in this course will learn two things: first, what



theorists do and why and, second, how to use fundamental theoretic concepts - such as exploitation and alienation, social structure and solidarity, bureaucracy and charisma - to analyze and explain contemporary society.

**SOC 30902 01: Methods Sociological Research**

3 credits, Williams

6/21-7/09 MTWRF 8:30 AM-11:00 AM

**CRN: 3891**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

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 43102 01: Sociology of Celebrity**

3 credits, Strand

6/21-8/06 TR 1:15 PM-3:45 PM

**CRN: 3879**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: What is a celebrity? Why do people obsess over celebrities? Why do people want to be celebrities? How are celebrities made? This course will provide students with a sociological look at what celebrities are, where they come from and why they are meaningful. A variety of sociological approaches will be used to analyze celebrity, including the culture industries that produce celebrities, the concepts of status and charisma that explain what celebrities are and do, and the cultural meanings that encourage the recognition and significance of celebrity status. Specific questions will include the following: How do celebrities in sports, movies and music compare with celebrities in other domains like politics, the economy and academia? Have celebrities always been a part of social organization and social hierarchy? How does desire for celebrity motivate people? Can we evaluate how good or bad celebrity is for social organization and culture? What does the meaning of celebrity reveal about the ways in which social life is meaningful for everybody? In the process, we will explore how different disciplinary approaches like "Cultural Studies," "The Production of Culture" and

"Cultural Sociology" understand what celebrities are, where they come from and why they are significant. Specific course topics will include a few of the following: celebrities in politics and the power of celebrity; reality TV celebrities; the Hollywood "star-system"; media images and the consumption of celebrity; celebrity CEOs; celebrity envy; ethnic group celebrities and celebrities as role models; literary celebrities and celebrities in "high" culture; and celebrities and suicide.

**SOC 76097 01: Directed Readings in Sociology**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Reserved for the six-credit-hour thesis requirement of the master's degree.

**SOC 78600 01: Nonresident Thesis Research**

Variable credits

**CRN varies with instructor**

6/21-8/06

**CRN: 1308**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For master's degree students.

**SOC 98699 01: Research and Dissertation**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For resident graduate students who have completed all course requirements for the Ph.D.

**SOC 98700 01: Nonresident Dissertation Research**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For non-resident graduate students who have completed all course requirements for the Ph.D.

## THEOLOGY

*Summer M.A. Director:*

Kristin M. Colberg, Ph.D.

Dept. Tel.: (574) 631-7811

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 in 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 mini-

mum 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](http://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: [theo.1@nd.edu](mailto:theo.1@nd.edu)

Web: [theology.nd.edu/graduate-program/master-of-arts/](http://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:**

Diane Bergant, “The Challenge of Hermeneutics: Lamentations 1:1-11: A Test Case,” *Catholic Biblical Quarterly* 64, No.1 (2002): 1–16.

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.

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

**Summer Session Intensive Course**

Each summer a selected topic will serve as the theme of a special two-week course. Usually, these topics will be historical and/or theological, and should prove especially attractive to teachers and parish employees. Because of its intensive nature, it is expected that the student will not take additional courses during that module. For additional information, see the description in the list of courses.

**Class Schedule**

Graduate-level courses are arranged within two three-week modules (Module 1: June 21–July 9, 2010; Module 2: July 12–July 30, 2010). 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 *insideND* ([inside.nd.edu](http://inside.nd.edu)).

**THE INTENSIVE COURSE**

Each summer, the Department of Theology offers at least one intensive course for students who wish to reflect on a significant Catholic theologian or a historical event that has significantly shaped the contemporary Catholic tradition. In 2010, one such course will be offered: “The Intensive Course: Theology of Thomas Aquinas”.

Information about the Department of Theology is available over the World Wide Web. Point your browser to [theology.nd.edu](http://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 write:

Office of the Registrar  
Summer Session  
105 Main Building  
University of Notre Dame  
Notre Dame, IN 46556

## Course Offerings

### **THEO 10001 01: Foundations of Theology: Biblical/Historical**

3 credits, Heintz

6/21-8/06 MTWRF 8:00 AM-9:05 AM

**CRN: 3816**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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](http://www.nd.edu/~theo).

### **THEO 20001 01: Foundations of Theology: Biblical/Historical**

3 credits, Heintz

6/21-8/06 MTWRF 8:00 AM-9:05 AM

**CRN: 3817**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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](http://www.nd.edu/~theo).

### **THEO 20836 01: God, Human Beings & Salvation**

3 credits, Colberg

6/21-8/06 MTWR 10:30 AM-11:50 AM

**CRN: 3818**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: At the heart of the Christian faith lies the conviction that sinful human beings are redeemed and saved through Jesus Christ who introduces them into a new and grace-filled relationship with God. While such a belief is universal to all Christians, the specific way in which redemption and salvation are understood has assumed varied expressions throughout the history of Christian thought. This course will explore Christian attempts to understand human salvation with particular focus on the notion of "justification" -- the movement of a human person from a state of sin into a state of grace. Central to this exploration will be the study of how God and human beings both occupy meaningful roles in the process of justification and the attainment of eternal life. As they relate to this theme, the course will also engage topics including Christ's role as savior, faith, grace, merit, sin, free will, and predestination. Surveying justification from a historical perspective, the course will offer students the opportunity to compare and evaluate diverse viewpoints using skills and vocabulary acquired during the semester.

### **THEO 30018 01: ND: Vocation Initiative**

3 credits, Poorman

6/09-6/17 MTWRF 9:00 AM-5:00 PM

**CRN: 1177**

Last add date: 6/09

Drop dates: refund, 6/10; last, 6/13

Description: This course is meant to prepare the undergraduate resident counselors -- known as "mentors-in-faith" -- of the ND Vision high school summer retreat program. This preparation includes developing small group facilitation skills, acquiring the necessary theological understandings upon which the program is built, and building community. The culminating project of the course is a short Christian witness on one of approximately six themes that incorporates one's own life experience as well as one's faith-based reflections.

### **THEO 30025 01: Facilitating Growth in Faith**

0.5 credit, Poorman

6/21-7/23 MTWR 8:00 AM-10:00 PM

6/21-7/23 F 8:00 AM-2:00 PM

**CRN: 2939**

Last add date: 6/23

Drop dates: refund, 6/27; last, 7/07

Description: "Facilitating Growth in Faith" serves as a practicum allowing the Mentors in Faith from the ND Vision Summer Program to reflect theologically on their catechetical ministry with high school students during each of four, one-week sessions. As such, this course will complete the educational objectives begun in Theology 30018. As a field education integrative seminar, this course will include interactive lectures, small group discussion sessions, and case study work on topics having to do with mentoring others in their personal and communal growth in faith and in their awareness of how to live their Christian vocations. Related theological topics include Christological and pneumatological perspectives on discipleship, grace, conversion, evil and human suffering, prayer, living the sacramental/liturgical life of the Church, becoming the Body of Christ, discerning the presence and action of God in our lives, and giving witness to faith in service and justice.

### **THEO 46001 01: Directed Readings**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Varies with instructor. Variable credit.

### **THEO 48801 01: Research in Biocultural Anthropology**

Variable credits, Sheridan

6/07-7/23 MTWRF 10:00 AM-6:00 PM

**CRN: 2843**

Last add date: 6/11

Drop dates: refund, 6/15; last, 6/30

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 Byzantine St. Stephen's skeletal collection from Jerusalem as the cornerstone, historical and archaeological information will be synthesized in a biocultural reconstruction of ancient monastic life. 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 60113 01: The Gospel of John (BS)**

3 credits, Meier

6/21-7/09 MTWRF 2:00 PM-4:20 PM

**CRN: 3819**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: The purpose of this summer course is to introduce the student at the Master's level to present-day study of the Gospel of John. The Gospel will be covered by the interaction between class lectures on specific disputed topics or pericopes on the one hand and the reading of a Gospel commentary on the other. The major methods employed will be those of source, form, and redaction criticism, though recent literary theories will also be considered. Since this course is offered in the Department of Theology, the emphasis of the lectures will be on a synthetic overview of the theology of John's Gospel, divided into major themes, rather than on an exegesis of the whole Gospel in order. An overview of the whole Gospel in the order in which it was written will be gained by reading the commentary, quizzes on the readings, and discussions following the quizzes.

**THEO 60114 01: Pauline Letters (BS)**

3 credits, Murphy-O'Connor

7/12-7/30 MTWRF 2:00 PM-4:20 PM

**CRN: 3840**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: The purpose of this course is to restore his real personality to Paul, who

is most often understood as fountain of theological ideas. This will involve a somewhat detailed reconstruction of the world in which he lived, with specific concern for the influences that formed him, and the controversies that forced him to think more deeply. His letters will be studied in the order in which they were written with a view to dating and explaining the emergence of his key theological ideas. The required readings are: J. Murphy-O'Connor, *Paul. A Critical Life* (Oxford: Clarendon Press, 1996). Paperback edition ISBN 0-19-285342-2. *The Cambridge Companion to St Paul* (ed. J.D.G. Dunn; Cambridge: Cambridge University Press, 2003). Paperback edition ISBN 0-521-78694-0.

**THEO 60136 01: The Book of Genesis: Literary Artistry and Theological Meaning (BS)**

3 credits, Anderson

6/21-7/09 MTRF 8:10 AM-10:40 AM

**CRN: 3820**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: The book of Genesis is arguably the most commented upon book in the Old Testament. Nearly all of the theological themes most dear to the Bible are the subject of considerable narrative elaboration: Creation, fall, redemption, and election. This course will consider how the various stories in Genesis raise the profoundest of questions and what sort of answers it has provided the theological reader. The focus of the course will be on a close reading of the entirety of the book with the goal of mastering the whole.

**THEO 60221 01: Catechesis: History & Theory**

3 credits, Baumbach

6/21-7/09 MTWRF 10:40 AM-1:00 PM

**CRN: 3735**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

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 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

7/12-7/30 MTWRF 8:10 AM-10:30 AM

**CRN: 3736**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

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 60266 01: Introduction to Judaism (HC, BS)**

3 credits, Novick

7/12-7/30 MTWRF 10:40 AM-1:00 PM

**CRN: 3822**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: This course surveys the major practices and beliefs of Judaism. Our focus is on Judaism as a religious tradition, one that binds its adherents across time even as it changes in response to new circumstances. We begin with the emergence of Judaism from the Hebrew Bible to rabbinic literature, wherein the theology and practice of Judaism become crystallized. We then turn to transformative developments in later periods, among them the flourishing of philosophy and mysticism in medieval Judaism, religious reform movements in the 19th and 20th centuries, the Holocaust, and Zionism.

**THEO 60267 01: The Immaculate Conception: Historical Development and Contemporary Significance (HC,ST)**

3 credits, Astell

7/12-7/30 MTWRF 8:10 AM-10:30 AM

**CRN: 3824**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: In 2004 the Church observed the 150th anniversary of the promulgation in *Ineffabilis Deus* of the dogma of the Immaculate Conception. On February 11, 2008, the Church observed the 150th anniversary of the apparition of our Lady in Lourdes, France. To Saint Bernadette, the “beautiful lady” declared, “I am the Immaculate Conception,” thus confirming the dogma promulgated shortly before by Pope Pius IX on December 8, 1854. This Marian dogma deserves serious study from multiple perspectives: its historical development as a contested belief, its relation to other dogmas (Original Sin, the Virgin Birth, Redemption, the Assumption), its liturgical expressions, its crucial link to the understanding of Christian sacraments (most obviously, Baptism, the Eucharist, Reconciliation, the Sacrament of the Sick, and Matrimony) and to ecclesiology, its representations in visual art and poetry, its special significance for women, and its general importance to Christian anthropology, as well as its particular.

**THEO 60271 01: Theology and Mysticism in the Thought of Meister Eckhart**

2 credits, McGinn

6/21-7/02 MTWRF 10:40 AM-1:00 PM

**CRN: 3826**

Last add date: 6/21

Drop dates: refund, 6/22; last, 6/26

Description: The German Dominican Meister Eckhart (ca. 1260-ca.1328) is rightly seen as one of the foremost mystics of the medieval period, but he was also a distinguished philosopher and theologian, who twice was the Dominican teaching master at the University of Paris. This course will introduce the main lines of Eckhart’s synthesis of philosophy, theology, and mystical teaching through reading and discussion of select texts from his technical scholastic writings, as well as a number of his ca. 120 sermons in Middle High German. The texts will be read in English translation.

**THEO 60277 01: Theology of Thomas Aquinas (HC, ST)**

4 credits, O’Meara, Wawrykow

7/12-7/23 MTWRF 9:45 AM-12:00 PM

7/12-7/23 MTWRF 2:00 PM-4:15 PM

**CRN: 3913**

Last add date: 7/12

Drop dates: refund, 7/13; last, 7/17

Note: The Intensive Course

Description: Much of Catholic thought and life from the end of the Middle Ages through Vatican II has drawn deeply on the theology of Thomas Aquinas; recent years have witnessed an heightened interest in his teaching. Led by experts in his life, work and influence, this intensive course (4 credits) offers over a two-week period an advanced introduction to the theology of Thomas Aquinas, with two-hour sessions in the morning and in the afternoon. The morning session, taught by Thomas O’Meara, O.P. (Ph.D. Ludwig-Maxmillian University, Munich), introduces students to the medieval world, and to the patterns and themes of the *Summa theologiae*. Among O’Meara’s numerous books and articles is the acclaimed *Thomas Aquinas Theologian* (1997). The afternoon session, led by Joseph Wawrykow (Ph. D. Yale University) focuses on Aquinas’s Christology, in the *Summa* and in other representative works. Wawrykow is co-editor of the much-cited *Christ Among the Medieval Dominicans* (1998). While suitable for students who lack previous exposure to his theology and philosophy, the course will also prove sufficiently challenging for those who already possess some knowledge of Thomas Aquinas.

Due to the intensive nature of this course, students are advised not to take other summer session courses at the same time.

**THEO 60414 01: Liturgical Year for the Pastoral Musician**

2 credits, Colberg, LaSalle

7/19-7/30 MTWRF 8:10 AM-10:30 AM

**CRN: 3747**

Last add date: 7/19

Drop dates: refund, 7/20; last, 7/24

Description: This course is an overview of Sunday and the major seasons of the year for liturgical musicians. It considers key principles of the liturgical year and applies a basic historical and theological understanding of each season to liturgical planning and the selection and evaluation of liturgical music repertoire.

**THEO 60417 01: Rites of Christian Initiation (LS)**

3 credits, Johnson

6/21-7/09 MTWRF 10:40 AM-1:00 PM

**CRN: 3827**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

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 60421 01: Liturgical Year (LS)**

3 credits, Regan

7/12-7/30 MTWRF 10:40 AM-1:00 PM

**CRN: 3839**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

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 extraordinary 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 60432 01: Liturgy from a Ritual Studies Perspective (LS)**

3 credits, Joncas

7/12-7/30 MTWRF 2:00 PM-4:20 PM

**CRN: 3828**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: The course will basically do three things: 1) distinguish among theological, historical, and social sciences (pastoral) approaches to the study of liturgy;

2) introduce students to the new field of ritual studies as a means of studying liturgy from a social science point of view; and 3) do some fieldwork engaging liturgical music as a means of putting ritual theory into practice.

**THEO 60435 01: The Roman Missal: Preparation and Reception (LS)**

2 credits, Driscoll, Turner  
7/19-7/30 MTWRF 8:10 AM-10:30 AM  
**CRN: 4067**

Last add date: 7/19

Drop dates: refund, 7/20; last, 7/24

Description: This course will look at the revised third edition of the Roman Missal and its translation into English currently in preparation. During the first week, as a prelude to the current missal a study of the origins and development of liturgical books used for mass will be undertaken, beginning with the sacramentaries, the calendar, the ordo missae and ritual ordines, with the related questions concerning liturgical legislation. Consideration will be given to the development of the musical parts, such as chant books, antiphonaries, graduals, and the proper and ordinary parts of the mass. During the second week participants will receive an overview of the contents of the third edition of the missal, the process of its translation, and an analysis of the revised texts for the Order of Mass.

**THEO 60450 01: Liturgical Ministries and Ordination (LS)**

3 credits, Bradshaw  
6/21-7/09 MTWRF 8:10 AM-10:30 AM  
**CRN: 3838**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: This course examines the history and theology of a variety of liturgical ministries in the churches in conjunction with the rites used to admit to those ministries, and it addresses such questions as: What functions can be considered as proper to each ministry? What is the liturgical role of the laity in relation to the ordained ministry? What is the difference between the common priesthood of the faithful and the ministerial priesthood of the ordained? How do the orders of bishop, presbyter, and deacon differ from one another and complement each other? The principal method of the course will be close study of primary sources, in English translations where necessary.

**THEO 60609 01: Christian Ethics and Pastoral Practice (MT)**

3 credits, Odozor  
6/21-7/09 MTWRF 2:00 PM-4:20 PM  
**CRN: 3829**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

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 60806 01: Ecclesiology**

3 credits, McBrien  
6/21-7/09 MTWRF 2:00 PM-4:20 PM  
**CRN: 3743**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: An examination of the nature and mission of the Church, with special emphasis on the Second Vatican Council, its theological and doctrinal antecedents and post-conciliar developments.

**THEO 60819 01: Christianity and World Religions**

3 credits, Malkovsky  
7/12-7/30 MTWRF 10:40 AM-1:00 PM  
**CRN: 3744**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: This course is designed to introduce you to the basic teachings and spiritualities of Hinduism, Buddhism and Islam. We will approach these religions both historically and theologically, seeking to determine where they converge and differ from Christianity on such perennial issues as death, meaning, the nature of the ultimate Mystery, the overcoming of suffering etc. That is to say, we will not only attempt to comprehend these religions according to their own self-understanding, but we will also endeavor to appraise their significance in relation to Christian faith, both in the challenge and enrichment they present. We will also examine some traditional and contemporary Catholic and Protestant approaches to the truth claims of other religions. Our own search to know how the truth and experience of other faiths are related to Christian faith will be guided

by the insights of important Christian contemplatives who have entered deeply into the spirituality of other traditions. By course end we ought to have a greater understanding of what is essential to Christian faith and practice, as well as a greater appreciation of the spiritual paths of others. This course is especially recommended as a preparation for teaching high school and introductory university-level courses.

**THEO 60847 01: Pastoral Theology**

2 credits, Poorman  
7/12-7/30 WR 2:00 PM-4:20 PM  
**CRN: 3760**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: (ECHO program first-year participants only.) This course is designed to assist newly selected apprentice catechetical leaders within the ECHO/Faith Formation Leadership Program in their preparation for lay ecclesial ministry. Participants learn fundamental pastoral/ministerial skills and processes involved in theological reflection, facilitation of growth in faith, pastoral counseling, parish administration, spiritual direction, and ministry to distinct groups by age and culture. Class sections include interactive lectures and small group work, as well as introductions to pastoral utilization of case study method, learning covenants, and formalized professional mentoring relationships. Class sessions also afford participants opportunities for in-class panel presentations on topics pertinent to catechetical leadership in the Roman Catholic Church.

**THEO 60848 01: Theological Integration**

2 credits, Poorman  
7/12-7/30 MTWR 10:40 AM-1:00 PM  
**CRN: 3761**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: (ECHO second-year participants only.) This course represents a continuation of Theology 60847 and is designed to assist apprentice catechetical leaders in the ECHO/Faith Formation Leadership Program in their ongoing integration of theological studies and professional ministerial praxis. Having completed a full academic year of parish ministry, participants nurture their emerging ministerial identities and skills while utilizing class sessions for advanced work in theological reflection based on case study method and for seminar facilitation of conversation on theological

topics pertinent to catechetical leadership in the Roman Catholic Church. In addition to deepened exploration of ministerial skills and processes emphasized during their first year in ECHO, participants engage in facilitated 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 60866 01: Hindu and Buddhist Spirituality (ST, SS)**

3 credits, Sheth

6/21-7/09 MTWRF 10:40 AM-1:00 PM

**CRN: 3831**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: This course will introduce students to Hindu and Buddhist spirituality and frequently make comparisons with Christian spirituality. After briefly referring to the Hindu and Buddhist worldviews, and delineating the understanding of the different states of liberation or salvation in Hinduism and Buddhism, the course will describe the various means used in both these traditions to reach these states: for example, in Hinduism, the paths of rituals, knowledge, selfless action, loving devotion and intense hatred of God; and in Buddhism, the ways of effort and of grace. We will also deal with various techniques, such as different types of yoga and meditations, spontaneous responses to “riddles” (koan in Japanese), and the integration of so-called secular arts like archery and sword fencing. In both Hinduism and Buddhism a guru or spiritual guide plays an important role. In addition, we will focus on certain characteristic virtues of Hinduism and Buddhism: for instance, detachment, asceticism, nonviolence, and compassion. Spirituality is not exclusively related to the Sacred or the Absolute or the Divine, but also to concern for society and for nature. These aspects of Hindu and Buddhist spirituality will also be touched upon. Moreover, reference will be made to some modern developments in Hindu and Buddhist spirituality. If possible, we may try out some exercises in Hindu and Buddhist spirituality, both in their original form as well in adaptations, and thereby discover, not only notionally, but also through experience,

how the encounter with other spiritualities can lead each one to a deeper experience and understanding of one’s own spirituality and also result in a mutual enrichment. (The instructor will make frequent comparisons with Christian spirituality as well.)

**THEO 60867 01: Thomas Merton on the Spiritual Life (ST, HC, SS)**

3 credits, Cunningham

6/21-7/09 MTWRF 8:10 AM-10:30 AM

**CRN: 3832**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: This course will introduce the student to the life and spiritual vision of the Cistercian writer Thomas Merton (1915-1968). We will focus mainly on Merton’s attempt to communicate his vision of contemplation in a world of action. Readings will be drawn from his *New Seeds of Contemplation* as well as his personal journals abridged in *The Essential Merton* and some of Merton’s selected essays found in *Thomas Merton: Spiritual Master*. The course requirements, in addition to the reading of the assigned texts for each day and class readiness in discussion, will be a weekly paper of roughly five typed pages the topic of which will be determined by the needs and interests of those who take the course.

**THEO 60869 01: Julian of Norwich: Systematic Theologian (SS, ST, HC)**

3 credits, Turner

6/21-7/09 MTWRF 2:00 PM-4:20 PM

**CRN: 3833**

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: To some it might seem heavy-handed to devote a whole course to the theology of the fourteenth century English anchoress, Julian of Norwich. Her writing consists in but one work in two versions, the Short Text and, written some twenty years later, a much expanded version known as the Long Text, entitled *A Revelation of Love*. Too often treated as a “spiritual” writer in contrast to a “theological”, the aim of this course is to restore an understanding of Julian’s work as one of the great masterpieces of late medieval theology, truly deserving of the name “systematic,” and not the less “spiritual” for that.

We will read the Long Text closely, but with attention particularly to themes of sin and salvation, and her doctrine of the overwhelming power of divine love glimpsed in her sixteen “revelations” which to her appears

to be in conflict with what the Church, and her own common experience, teach her of human depravity and sin. The strength of Julian’s response to this conflict, which lies at the heart of the Christian theology and prayer, consists in her refusal of easy answers. From the isolation of her anchorhold, Julian constructs a tough-minded and conceptually rigorous theology of evil which can speak more convincingly to us today than can many a “theodicy” of our times.

All students should bring with them an edition of the Short and Long Texts. Those who can manage Julian’s Middle English vernacular (if you can read Chaucer with ease you should be able to cope with Julian) are best advised to purchase the edition of both texts by Nicholas Watson and Jacqueline Jenkins, *The Writings of Julian of Norwich*, Philadelphia: Pennsylvania State University Press, 2006. For a modernized version of both texts, the best is *Julian of Norwich: Revelations of Divine Love*, trans. Elizabeth Spearing, introd. AC Spearing, London: Penguin Books, 1998.

**THEO 60870 01: Eucharist as Mystical Body (SS, HC, LS)**

3 credits, Egan

7/12-7/30 MTWRF 2:00 PM-4:20 PM

**CRN: 3834**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: At each Eucharist the presider invites the assembly to song with these words: “Let us proclaim the mystery of faith.” Yet, assemblies seem at times hardly aware of the great, profound and transforming mystery that occurs in their midst. Unmoved by the symbols of mystery and deeply infected with individualism our culture makes it difficult to appreciate this celebration of unity and love. For too long the theological mutuality among the great mysteries of Eucharist, Church, Scripture and Mysticism have eluded even those fervent in their “quest for the living God.” This course explores from the perspective of Eucharist the spirituality of communion between Eucharist and Church as well as the role of scriptural interpretation and the mystical tradition in gaining an appreciation that the Eucharist makes the Church, that there is an inseparable and absolute unity of the Body of Christ as expounded by Saint Paul (the Church), the Eucharistic Body of Christ, and the heavenly Body of Christ. The Jesuit Cardinal Henri de Lubac with his



book, *Corpus Mysticum*, brought the above awareness to the Christian community before the Second World War. However, too little has been done to incorporate his findings into contemporary Christian consciousness. This course explores the tradition's evidence for the above unities and consults times when divergences afflicted the tradition. We shall read sources that proclaim the Mystical Body as a faith inspired way of speaking of Eucharist and the Church. We shall also explore from a Eucharistic point of view contemporary theologies that confirm the unity between Church and Eucharist.

**THEO 60871 01: The Christian Life: Theology and Spirituality (SS, HC, ST)**

3 credits, Sheldrake

7/12-7/30 MTWRF 10:40 AM-1:00 PM

CRN: 3835

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: This course will explore different approaches to the theory and practice of the Christian life in relation to five classic spiritual traditions and texts from different historical and cultural contexts. The course will underline how spiritual texts are important theological resources and that doctrine and Christian practice are intimately connected. It will study the key theological themes, values and practices of the different traditions and will discuss their reinterpretation and potential application for the 21st century Church. The course will address such topics as the personal, ecclesial and social dimensions of discipleship; the Trinity and Christian life; human identity and transformation.

**THEO 60872 01: The Theology of Pope Benedict XVI (ST)**

3 credits, O'Regan

6/21-7/09 MTWRF 10:40 AM-1:00 PM

CRN: 3836

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: The aim of the course to give an overview of the theology of Pope Benedict XVI, as this expressed both in his encyclicals and other recent writings, but also in his theological reflection as Joseph Cardinal Ratzinger. The course has essentially three foci. Roughly equal treatment means that each topic will receive a week of treatment. The first of the three foci concentrates on the Papal encyclicals *God is Love*, *Charity in Truth*, *Saved in Hope*. The second of the three foci looks at the work of the present

Pope as instructional and catechetical. Here we will concentrate on Jesus of Nazareth, God's Word, and Ten Commandments for the Environment. The third and last of our three foci concerns the Pope as a public intellectual, specifically as intervening in the public square to provide a sense of what the church has at stake in the modern world, what it can and must do in terms of dialogue, what it must do in terms of identity and continuing to be a witness. Among the texts that we will read are *Truth and Tolerance*, *The Regensburg Lecture*, and *Values in a Time of Upheaval*. Requirements include involvement in discussion, and either two eight page papers or one 15 page paper.

**THEO 60878 01: Trinitarian Doctrine: Development and Contemporary Questions (ST, HC)**

3 credits, Anatolios

6/21-7/09 MTWRF 8:10 AM-10:30 AM

CRN: 3916

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

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. 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 64210 01: The Holy Land (ST, HC)**

3 credits, Reynolds

6/06-6/19 MTWRF

CRN: 3837

Last add date: 6/06

Drop dates: refund, 6/08; last, 6/12

Description: In our course "The Holy Land" we will investigate the manner in which Christians and Muslims through the centuries have understood the religious dimension of Palestine, and of Jerusalem in particular. In the first section of the course we will analyze classical religious texts, including: the New Testament prophecies of Jerusalem's destruction; the narratives surrounding Saint Helen's recovery of the true Cross and sacred relics; the traditions of Muhammad's night journey to Jerusalem, and Muslim narratives on the conquest of Palestine and the construction of the Dome of the Rock. In the second section of the course we will turn to the memories and visions of individual believers, such as the descriptions of medieval Muslim geographers, the travelogues of European Christian pilgrims, the diaries of Eastern Orthodox monks of the Palestinian desert, and the popular religious pamphlets and web sites of Muslim and Christian faithful today. Meanwhile, we will have the opportunity to travel together in the Holy Land and to visit the sites in Jerusalem and elsewhere that are central to our texts. Ultimately, students will be challenged to develop a theological response to the place of the Holy Land in Christian tradition and to the competing claims of Muslim believers.

**THEO 66001 01: Directed Readings**

Variable credits

CRN varies with instructor

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

6/07-7/23 MTWRF 10:00 AM-6:00 PM

CRN: 3395

Last add date: 6/11

Drop dates: refund, 6/15; last, 6/30

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 Byzantine St. Stephen's skeletal collection from Jerusalem as the cornerstone, historical and archaeological information will be synthesized in a biocultural reconstruction of ancient monastic life. 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, Ashley, Driscoll,  
7/12-7/30 MTWRF 8:10 AM-10:30 AM

**CRN: 3749**

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: For students doing thesis work for a research master's degree.

#### **THEO 78600 01: Nonresident Thesis Research**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

5/31-6/04 MTRF 1:00 PM-4:00 PM

**CRN: 2921**

Last add date: 5/31

Drop dates: refund, 5/31; last, 6/02

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

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Research and dissertation for resident doctoral students.

#### **THEO 98700 01: Nonresident Dissertation Research**

1 credit

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.

## SCHOOL OF ARCHITECTURE, INTERNATIONAL PROGRAMS

### Dean:

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

### Chinese Architecture Program, June 20–July 4

The 2010 summer program will explore China's past and present practices in urban development, green architecture, and environmental planning. Through the study of architectural tradition and its influence on high-quality modern urban living, the program will examine how architects and planners have responded to evolving social demands compared to their counterparts in the West. New construction also will be studied to learn how the country reflects that heritage even as it evolves.

Already one of the world's largest economies, China is the world's most populous nation, with 1.3 billion people living on the mainland alone. This program, run in conjunction with Nanjing University, explores how China's architectural sphere has and will continue to extend across East Asia and the world at large.

The program will be lead by Dean Michael Lykoudis, University of Notre Dame School of Architecture, and Prof. Zhao Chen of the University of Nanjing School of Architecture. Stops in China include Shanghai, Tongli, Suzhou, Nanjing, Pingyao, and Beijing. Notre Dame course credit is available.

**Cost:** \$4,500 (tentative) excluding airfare. Participants are required to fly to Shanghai and to return from Beijing. The fee includes lodging, breakfast, most dinners, travel between sites, and entrance fees. Students must have completed at least three years in an accredited undergraduate architecture program, or one year in an accredited graduate architecture program, or demonstrate an interest in and understanding of fundamental

architectural and urbanistic concepts, through such means as a design portfolio or an essay.

A deposit of \$500 is due by April 1, and the balance is due May 1. No refunds will be given after May 1.

The itinerary is subject to change. The program is subject to cancellation if enrollment is insufficient.

For further information, contact Cindy DuBree at 110 Bond Hall, (574) 631-8437, or Barbara Panzica at 110 Bond Hall, (574) 631-4699.

### ARCH 44211 01: Chinese Architecture and Urbanism: Traditional and Modern

3 credits, Lykoudis

6/20-7/04

**CRN: 4078**

Last add date: 6/21

Drop dates: refund, 6/22; last, 6/27

Description: Exploration of traditional and modern Chinese architecture.

### Design Studio in Frome, England, June 2-June 25 (dates tentative)

This program, headed by architecture visiting assistant professor Samantha Salden, will offer an intense design studio in the historic town of Frome, England. The course will begin with the study of the city's Anglo Saxon origins, rich 1000-year history as a market center, and architecture and urbanism spanning from the medieval to the early twentieth century, with a special focus on building and urban typologies. Central portions of the town will be studied with a view to producing design proposals sympathetic to the city's historic fabric and anticipating sustainable future development.

**Cost:** \$3,000-\$3,500 (tentative) excluding travel. The fee includes breakfasts and dinners. Students will be required to bring a limited amount of compact drafting equipment.

The program is open to Notre Dame architecture graduate students and architecture undergraduates who have completed the

second-year studio.

For more information, including information on deposit and full payment requirements and deadlines, contact Samantha Salden, 574-631-0191.

The program is subject to cancellation if enrollment is insufficient.

### ARCH 44121 01: Summer Design Studio: Frome, England

6 credits, Salden

6/02-6/25 MTWRF 8:30 AM-12:30 PM

6/02-6/25 MTWRF 1:00 PM-5:00 PM

**CRN: 4079**

Last add date: 6/03

Drop dates: refund, 6/06; last, 6/13

Description: Design studio in the historic town of Frome in England. The course will begin with the study of the city's Anglo Saxon origins, rich 1000-year history as a market center, and architecture and urbanism spanning from the medieval to the early twentieth century, with a special focus on building and urban typologies. Central portions of the town will be studied with a view to producing design proposals sympathetic to the city's historic fabric and anticipating sustainable future development.

### Architecture and Drawing in Tuscany, July 26–August 13

The School of Architecture has partnered with the Tuscan Classical Academy to present a 21-day summer program intended to introduce students and professionals to the rich architectural history of Florence and Tuscany. The program is for:

- Professionals and nonprofessionals seeking a summer opportunity to draw, paint, and be inspired by the beauty of Tuscany, as well as receiving continuing education credits, if desired.

- Professionals and nonprofessionals seeking a shorter intensive program on either Renaissance urbanism or the Tuscan landscape.

- Rising high-school seniors seeking college-like courses in painting or architecture.

- Art and architecture college students seeking summer-school college credits.

For more information, visit [tuscanclassicalacademy.org](http://tuscanclassicalacademy.org) or contact Lynn Aeschliman of the Tuscan Classical Academy.

### ARCH 54113 01: Summer Program at the Tuscan Classical Academy

3 credits, Bullene

7/26-8/13 MTWRF 9:00 AM-6:00 PM

CRN: 2922

Last add date: 7/27

Drop dates: refund, 7/29; last, 8/05

Description: This program focuses on three themes: (1) The History and Theory of Florentine Humanism; (2) Tuscan Classical Architecture and its Regional Variants; and (3) Drawing and Painting. The History and Theory component consists of a series of lectures on Renaissance Humanism and site visits to important cities and buildings throughout Tuscany. These will center primarily on Florence and the Mugello Valley. The study of Tuscan Classical Architecture and its Regional Variants examines the rediscovery of classical architecture in quattrocento Florence and its creative interpretations throughout Tuscany. The Drawing and Painting component introduces students to the basics of landscape drawing and painting based on observations from nature.

## COLLEGE OF ARTS AND LETTERS, LONDON SUMMER PROGRAMME

### Director:

Cornelius O'Boyle, Ph.D  
University of Notre Dame (USA) in  
England  
1 Suffolk Street  
London SW1Y 4HG  
Tel: 011 44 20 7484 7829

### The London Summer Program 2010

**Dates:** Each year, the London Summer Program (LSP) runs for six weeks, from the middle of May until the end of June. In 2010, students will depart from the USA on a group flight on Wednesday 19 May, arriving in London on Thursday 20 May. The group flight will return to the USA on Thursday 1 July.

**History:** The LSP was first offered in the summer of 2001 and immediately proved to be popular with Notre Dame undergraduates. It filled to capacity during the first year of operation, drawing participants from four of Notre Dame's undergraduate colleges. Since then, the Program has continued to expand to the point where it is now Notre Dame's largest summer study abroad program. For 2010, major revisions have been planned for the LSP with a view to enhancing the intellectual benefits of studying abroad and deepening students' cultural immersion in one of the world's most cosmopolitan cities. The program has been lengthened from four and a half weeks to six weeks and new courses have been devised that seek to underline for students the importance of developing an international perspective in today's fast-changing global world. In 2010, 55 students will be admitted to the Program to take advantage of these exciting new opportunities.

**Facilities:** All classes take place in Notre Dame's London Centre, an elegant and impressive Edwardian building just off Trafalgar Square, in the heart of London's West End, with immediate access to some of London's finest theatres, cinemas, museums, galleries, and shops. Students live together in modern, purpose-built accommodations located in Farringdon, just north of St Paul's Cathedral and the ancient City of London, the financial heart of the metropolis. (Each residential flat has its own well-equipped kitchen, and as a consequence, most participants prepare their own meals. There is weekly maid service and laundry facilities are onsite.) Between the Notre Dame London Centre and the flats, then, students on the LSP are ideally located to experience the very best that London has to offer.

**Staff:** Drawing upon the wealth of intellectual and artistic talent in London, the LSP has engaged outstanding faculty to teach its courses in 2010. Each one is renowned in his or her own academic field and they all have extensive experience of teaching Notre Dame students studying abroad. The LSP also has permanent administrative support staff both on campus and in the Notre Dame London Centre. The LSP also has two professional rectors who live with the students and who are therefore always available to provide pastoral support, medical advice, and counseling.

**Course of Study:** Participants earn six credit hours on the LSP by selecting two of the three-credit courses on offer. Many of the courses that are offered fulfill one or more University/College requirements. In 2010, there will be seven courses in Anthropology/Pre-Professional Science, History, History of Art, Shakespeare (FTT), Political Science, Philosophy, a section of the Arts & Letters College Seminar, and a Business College course on consumer services. Additionally, a four-day long weekend has been built into the LSP to provide students with the opportunity of traveling more extensively in the UK or elsewhere in Europe.

**Costs:** Movements in foreign exchange rates have a dramatic impact upon the cost of study abroad programs, and in the last few years costs have fluctuated considerably as a result of the changing value of the US dollar with respect to the British pound. Our primary intention, though, is keep the LSP as accessible as possible for students by keeping Program costs to a minimum. Even though the LSP is now 6 weeks long, as a result of careful budgeting the fee for the LSP in 2010 will be \$6,500. This fee covers: tuition; all expenses associated with required class-related activities such as theatre performances and entrance to museums and galleries; student accommodations; roundtrip international airfare from our east coast gateway city airport to London's Heathrow Airport; ground transportation for the group flight to and from Heathrow Airport to the student accommodations; insurance (provided by HTH), and a weekly stipend of \$100 for each student to help defray living expenses in London. Essentially, the program attempts to cover all costs related to the formal Program. It will not reimburse participants for the costs associated with weekend activities that may be organized by the rectors, performance admission costs that are not part of courses, or personal spending. Participants will also be charged an Office of International Studies administrative fee of \$200. Student Accounts will bill each participant directly for the full costs of the Program in the March billing cycle.

**Applications:** Applications are invited from regularly enrolled Notre Dame undergraduates in good standing with the University who in summer 2010 will be either rising Sophomores, rising Juniors, or rising Seniors. Participants on the LSP are usually drawn from the Colleges of Arts & Letters, the

Mendoza College of Business, the College of Science, and the College of Engineering.

Applications to the LSP should be made online via the website of Notre Dame's Office of International Studies (OIS). All applicants will be invited to submit a Course Preference Form. The deadline for completed applications for the 2010 edition of the LSP is Friday 19 February 2010. Offers will be sent out to students on Friday 26 February. Confirmations must be received by Friday 5 March.

The Office of Student Financial Aid automatically reviews all accepted applications. In the past, approximately one-fifth of participants in the LSP have received some form of financial assistance.

**Program Administration:** The LSP functions as part of Notre Dame's Office of International Studies (OIS). On campus, the Program is administered by two support staff:

**Judy Hutchinson**, Assistant Director  
153 Hurley Building  
University of Notre Dame  
jhutchinson@nd.edu  
Tel: 574 631 0398

**Liz Reagan**, Senior Administrative Assistant  
305 Brownson Hall  
University of Notre Dame  
Reagan.9@nd.edu  
Tel: 574 631 0622  
Fax: 574 631 6744

The Director of the Program, who is based in London, is:

**Cornelius O'Boyle**, PhD  
University of Notre Dame (USA) in England  
1 Suffolk Street  
London SW1Y 4HG  
Email: coboyle@nd.edu  
Tel: 011 44 20 7484 7829

More information about the London Summer Program can be obtained on our website: [http://www.nd.edu/~ois/Locations/Summer\\_London/Program\\_Details.html](http://www.nd.edu/~ois/Locations/Summer_London/Program_Details.html)

## Course Offerings

### ANTH 34230 01: Global Medicine

3 credits, O'Boyle  
5/19-7/01

**CRN: 3904**

Last add date: 5/22

Drop dates: refund, 5/27; last, 6/09

Description: Today, healthcare services are directed as much by governments, banks, transnational corporations, international charities, administrative bureaucracies, and profession organizations as individual medical practitioners. This course introduces students to the vested interests and ideological commitments of these new participants in healthcare and explores how these interests and commitments have shaped medical services throughout the world at the beginning of the 21st century.

### ARHI 34489 01: London as Art Capital

3 credits, O'Boyle, Waterfield  
5/19-7/01

**CRN: 3898**

Last add date: 5/22

Drop dates: refund, 5/27; last, 6/09

Description: This course introduces students to the London art world today. It considers art museums and their functioning; contemporary art galleries in the East End and historic galleries in the West End; auction houses, and the changing fortunes of the art market; exhibition design; and the world of public relations and journalism. The course includes lectures by visiting speakers and numerous visits to relevant sites, balanced by a consideration of the practical and theoretical literature on the subject.

### BAUG 34155 01: Internationalization of Consumer Services

3 credits, Ertzel, O'Boyle  
5/19-7/01

**CRN: 3902**

Last add date: 5/22

Drop dates: refund, 5/27; last, 6/09

Description: This course will focus on consumer services produced by firms based in countries other than the location of the intended purchasers. Students completing the course will examine the experiences of consumers and businesses and therefore how consumption of services can be influenced; and identify important marketing principles in the design of service strategies. Counts towards the Mendoza College of Business International Business Certificate.

### CSEM 24102 01: Beauty, Temptation, & Self-Discovery

3 credits, O'Boyle, O'Connor  
5/19-7/01

**CRN: 4057**

Last add date: 5/22

Drop dates: refund, 5/27; last, 6/09

Description: The draw of beauty upon us can provoke as much anxiety as exhilaration. To focus our discussions of these issues, we will draw on three classic texts: Plato's dialogue *Phaedrus*, Aristotle's treatise *On Rhetoric*, and a Shakespeare play, preferably one we can see in performance. In the spirit of the College Seminar, and of the *Phaedrus* and the *Rhetoric*, the course will emphasize precise and energetic speech, both in conversation and in more formal presentations.

### FTT 34207 01: Shakespeare in London

3 credits, O'Boyle, Sokolova  
5/19-7/01

**CRN: 3901**

Last add date: 5/22

Drop dates: refund, 5/27; last, 6/09

Description: The course will start with the conditions of the Elizabethan theatre, its place in society, and the way these affected the nature of plays written in this period. Four plays (the choice of which depends on the season's theatre bill) will be studied during the six-week period. The program also includes workshops with theatre practitioners and a one-day trip to Stratford-upon-Avon with a tour of the town, a lecture at the Shakespeare Centre, and a performance by the Royal Shakespeare Company.

### HIST 34414 01: The British Empire, 1760-1965: An Exercise in Globalization?

3 credits, O'Boyle, Surridge  
5/19-7/01

**CRN: 3900**

Last add date: 5/22

Drop dates: refund, 5/27; last, 6/09

Description: The course investigates the history of the British Empire from the late eighteenth-century to the mid-1960s. The first half deals with Britain's involvement in the slave trade, the establishment of the Raj in India, British intervention in Ireland, and its conquests in Africa. The second half of the course looks at the twentieth-century, when Britain fought two world wars and the empire reached its greatest extent. But it was also a period when the settler colonies began to question their connection with Britain and Britain was forced to withdraw from some of her most prized possessions in India, Africa, and the Middle East. The course examines how Britain coped with this decline and fall of Empire and the extent to which Empire promoted not so much globalization but 'Anglobalization'.

**PHIL 24412 01: Beauty, Temptation, and Self-Discovery**

3 credits, O'Boyle, O'Connor  
5/19-7/01

**CRN: 3903**

Last add date: 5/22

Drop dates: refund, 5/27; last, 6/09

Description: The draw of beauty upon us can provoke as much anxiety as exhilaration. To focus our discussions of these issues, we will draw on three classic texts: Plato's dialogue *Phaedrus*, Aristotle's treatise *On Rhetoric*, and a Shakespeare play, preferably one we can see in performance. In the spirit of the College Seminar, and of the *Phaedrus* and the *Rhetoric*, the course will emphasize precise and energetic speech, both in conversation and in more formal presentations.

**POLS 34530 01: Politics in a Global World: Comparing and Contrasting Political Leadership in Britain and the USA**

3 credits, Heffernan, O'Boyle  
5/19-7/01

**CRN: 3899**

Last add date: 5/22

Drop dates: refund, 5/27; last, 6/09

Description: This course examines the differences which help distinguish the British prime minister from the US president and which thereby explain the different ways in which political leadership is manifested in a parliamentary/unitary state and a presidential/federal state. Students investigate the particularities and similarities of the Britain and American systems; fixed versus fluid constitutional politics; parliamentarianism versus presidentialism; federal versus unitary states; executive politics in Downing Street and the White House; legislative politics within Westminster and in Congress; the different forms of party systems in Britain and the USA; elective politics; changing forms of political electioneering; the role of political communications and the news media; and the role played by cultural influences and non-political factors.

**SCPP 34313 01: Global Medicine**

3 credits, O'Boyle  
5/19-7/01

**CRN: 3905**

Last add date: 5/22

Drop dates: refund, 5/27; last, 6/09

Description: Today, healthcare services are directed as much by governments, banks, transnational corporations, international

charities, administrative bureaucracies, and profession organizations as individual medical practitioners. This course introduces students to the vested interests and ideological commitments of these new participants in healthcare and explores how these interests and commitments have shaped medical services throughout the world at the beginning of the 21st century.

**COLLEGE OF ENGINEERING, ALCOY PROGRAM**

*Director:*

John Brauer

*On-Site Director:*

Eduardo Wolf

**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 16-June 25) will consist of two three-credit courses. Students register in the University of Notre Dame summer session for EG 34440 Probability and Statistics, and CBE 34310, Global Sustainability. 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 Zaragoza, 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 \$6500. 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

**CBE 34310 01: Global Sustainability**

3 credits, Wolf

5/16-6/25

**CRN: 3926**

Last add date: 5/19

Drop dates: refund, 5/23; last, 6/05

Description: This course examines the growing need for addressing 'sustainability' as a parameter in the practice of engineering as well as in science. The course begins with an introduction of the origin of earth resources and their fragile connection with life on earth both on the ecology and ultimately on the human population. The basic laws regulating the flow of energy and materials through ecosystems and the regulation of the distribution and abundance of organisms is reviewed. A model of the interaction between population, resources, and pollution is analyzed based on the World3 model proposed by Meadows, Randers and Meadows. The model include analysis of the state of land and soils, food, water, forests, non-renewable resources, energy, and capital. Emphasis is placed in analyzing energy sustainability and assessment of current and potential future energy systems. This includes availability, extraction, conversion, and end-use to meet regional and global energy needs in the 21st century in a sustainable manner.

**EG 34440 01: Probability and Statistics - Alcoy**

3 credits, Wolf

5/16-6/25

**CRN: 3400**

Last add date: 5/19

Drop dates: refund, 5/23; last, 6/05

Note: This course is equivalent to MATH 30440.

Description: An introduction to the theory of probability and statistics, with applications to the computer sciences and engineering. Topics include discrete and continuous random variables, joint probability distributions, the central limit theorem, point and interval estimation and hypothesis testing.

## COLLEGE OF ENGINEERING, LONDON PROGRAM

### Director:

John Brauer

### On-Site Directors:

John Brauer, Robert Alworth

**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 31-July 9) will consist of two three-credit courses. Students register in the University of Notre Dame summer session for EG44175, Ethical and Professional Issues in Engineering, and EG44421, 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 Minerva Court, 60-62 Farringdon Road, London EC1R 3GB in the Clerkenwell of London's West End. Each flat has bath and cooking facilities. Flats vary somewhat in size, typically housing three to six students each. Students are responsible for their own meals.

**Cost.** The cost of the program is \$6,500. This includes round-trip airfare between New York/Chicago and London, tuition, housing and required field trips. Participants are responsible for meals, 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  
Associate Director  
Integrated Engineering and Business  
Curriculum  
College of Engineering  
University of Notre Dame  
224 Cushing Hall  
Notre Dame, IN 46556  
Telephone (574) 631-2950

### EG 44175 01: Ethical and Professional Issues in Engineering - London

3 credits, Bowyer  
5/31-7/09

CRN: 3401

Last add date: 6/03

Drop dates: refund, 6/07; last, 6/20

Note: This course is equivalent to CSE 40175.

Description: This course seeks to develop a solid foundation for reasoning about the difficult ethical, professional, and social controversies that arise in the engineering field. Emphasis is placed on identifying the appropriate legal and professional context and applying sound critical thinking skills to a problem. Topics covered include relevant professional codes of ethics, encryption/privacy/surveillance, freedom of speech, "cracking" of computer systems, development of safety-critical software, whistle blowing, and intellectual property. This course relies heavily on case studies of real incidents, both historical and current.

### EG 44421 01: Integrated Engineering and Business Fundamentals - London

3 credits, Alworth, Brauer  
5/31-7/09

CRN: 3927

Last add date: 6/03

Drop dates: refund, 6/07; last, 6/19

Description: Integrated Engineering 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.

## INTERNATIONAL STUDY PROGRAMS OFFICE

Notre Dame will offer several undergraduate international programs during the 2010 Summer Session. The Office of International Studies (OIS) will sponsor programs in Vienna, Austria; London, England; Paris, France; Rome, Italy; Taipei, Republic of China (Taiwan); China: Business and Culture in China Today (Taiwan, Beijing, Shanghai, and Hong Kong); Cape Town, South Africa; Granada, Spain; Toledo, Spain; Uganda/Rwanda; and Jerusalem. The application deadline for these programs is February 19, 2010, with the exception of Kampala and Jerusalem. Please check the OIS website for more information on the application deadlines and program specific questions—[nd.edu/~ois/Locations/Locations.html](http://nd.edu/~ois/Locations/Locations.html).

### Office of International Studies

Students from all colleges are invited to apply to participate in international study programs. Students must complete the on-line application, available at [nd.edu/~ois](http://nd.edu/~ois). The suggested minimum GPA is 2.75 to be eligible for the programs. Students will earn Notre Dame credit while participating in these programs and can also complete academic requirements. Grades earned in summer programs will be calculated into Notre Dame GPA. The cost varies by program. For further information regarding any of the programs, please see the OIS website at [nd.edu/~ois/Locations/Locations.html](http://nd.edu/~ois/Locations/Locations.html), or contact the Office of International Studies at 574-631-5882.

### Vienna, Austria

Students will enroll in two courses during the six-week program (May 28-July 9, 2010) to earn 6 credits. All students will take German History through Literature: 800–1806, taught in English by Notre Dame's Albert Wimmer, Associate Professor of German and Russian. Each student will also enroll in a German language course at the appropriate level.

Students will live in apartments with other program participants. The apartments will have kitchens, so students will be responsible for their own meals. Students will receive

local transportation passes to get around Vienna for the duration of the program. The cost of the program is approximately \$7,300. This fee includes tuition, housing, local transportation, field trips, and cultural activities. Participants will make their own flight and meal arrangements.

### London, England

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 two modern adjoining buildings, Kamen House and Minerva Court, rented by Notre Dame from Acorn Educational Services. Classes in this program, which in 2010 will accommodate approximately 50 to 55 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 19-July 1, 2010. Courses will be selected from a number of different disciplines and fulfilling various major and/or University requirements.

The 2010 fee will be approximately \$6,500. The program fee covers transportation costs - international air travel from our gateway city, New York City, group transfer from Heathrow Airport to residence facilities and return, and ground transportation in London (tube/bus pass is provided). The program also covers all residence costs and health insurance. 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

Students will take two 3-credit courses during the six-week program, June 14-July 22, 2010. Professor Joshua Kaplan, Director of Undergraduate Studies for Political Science, will teach Tocqueville's America and Tocqueville's France. Students will also enroll in an Art History course, History of Paris in Architecture and Art, taught by a French professor. Both courses will be taught in English; there is no language requirement for this program.

Students will live in dorm-style accommodations with other program participants on

the Left Bank in the heart of Paris. Students will share double, single, or triple rooms. Breakfast and dinner are provided daily. Students will receive a transportation pass to get around Paris for the duration of the program.

The cost of the program is approximately \$7,900. This fee includes tuition, housing and 2 meals per day, local transportation, field trips, cultural activities, and guest lectures. Participants will make their own flight arrangements and will be responsible for their lunches.

### Rome, Italy

Students will take two 3-credit courses during the six-week program, June 3-July 16, 2010. Carroll William Westfall, University of Notre Dame Frank Montana Professor of Architecture, offers this unique opportunity for non-architecture students to study Seeing Power in Rome: Exploring the Pagan, Christian, and Modern City, an interdisciplinary course that brings together art history, religious and political history, and political theory, allowing each to provide insight into the other two. Students will also enroll in a History course, The Myth and the Making of the Empire. Both courses will be taught in English; there is no language requirement for this program.

Students will live in furnished apartments with other program participants. Since the apartments have kitchens, students will be responsible for most of their own meals. Students will receive a transportation pass to get around Rome for the duration of the program.

The cost of the program is approximately \$7,100. This fee includes tuition, housing, local transportation, field trips, cultural activities, and guest lectures. Participants will make and pay for their own flight arrangements and will be responsible for their own meals.

### Taipei, Republic of China (Taiwan)

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 7 to July 30, 2010, 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 to 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 Southeast 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. Students will live in double-occupancy hostels near the Fu Jen campus. There are no cafeterias on campus and hostels do not have kitchens, 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 an administrative fee of \$800, their own airfare, meals, books, local transportation, visa fees, and other miscellaneous expenses. Tuition, housing and health insurance will be covered by Notre Dame. Students will receive 8 credit hours.

### China: Business and Culture in China Today (Taiwan, Beijing, Shanghai, and Hong Kong)

This program is designed to provide students with the opportunity to explore, experience, and examine business and culture in China today. The courses will be taught in Taiwan, Beijing, Shanghai, and Hong Kong. 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, May 17-June 26, 2010. Business in China Today (3 credits) will be taught by Professor Georges Enderle; Culture in China Today (3 credits) will be taught by Professor Jonathan Noble. Both courses will be taught in English; there is no language requirement for this program.

The cost of the program is approximately \$6,600. This fee includes tuition; round-trip international airfare from the gateway city; airfare from Taiwan to China and travel within China to sites; accommodations and some meals; all program-sponsored excursions.



sions, including corporate visits and visits to cultural sites; and travel health insurance during the program.

#### Cape Town, South Africa

During the six-week program (June 1 to July 9, 2010) students enroll in two courses, worth 3 credits each. Anré Venter, Director of Undergraduate Studies for the Department of Psychology, will teach *Negative Attitudes: A Cultural, Historical, and Social Psychological Analysis of Racism in South Africa*. Students will also enroll in *Social and Economic Development in South Africa*, a course taught by a local professor. Both courses will be taught in English; there is no language requirement for this program.

Students will be exposed to different areas in and near Cape Town as part of Professor Venter's course. Students will visit Robben Island, where Nelson Mandela and other political prisoners spent decades imprisoned during the apartheid era, as well as the District Six Museum, which serves as a remembrance to the events of the apartheid period. The program will also include weekly township/school/community visits to give students a first-hand experience with the culture and people they are studying. In addition, students will participate in a 5-night, 6-day excursion to Kruger Park and Soweto, including a 3-day Kruger park safari package and a 2-day stay in Soweto including a Soweto Bicycle Tour.

Students will live together in houses with other program participants. All students will have their own bedroom and share kitchen and laundry facilities. The housing is about a 15 to 20 minute walk to the University of Cape Town (UCT) campus.

The cost of the program is approximately \$6,400. This fee includes tuition, housing, field trips, cultural activities, and guest lectures. Participants will make their own flight arrangements and will be responsible for their own meals.

#### Granada, Spain

During the six-week program (June 7-July 16, 2010) students enroll in 2 courses worth 3 credits each. Olivia Remie Constable, Notre Dame Professor of History and Robert M. Conway Director of the Medieval Institute, will teach *Medieval Spain: A Land of Three Religions*. Students will also enroll in a Political Science course taught by a local

professor, *Arab World and the West*. Both courses will be taught in English; there is no language requirement for this program. In addition to tours of the Alhambra and the Cathedral of Granada, students will participate in a 3-day, 2-night field trip to Córdoba and Seville, and a 3-day, 2-night excursion to Toledo.

Students will stay with local English-speaking families. Homestays include breakfast and lunch seven days per week, as well as internet access and laundry facilities. All homes are within walking distance of the classroom center. The cost of the program is approximately \$6,600. This fee includes tuition, housing and two meals per day, field trips, cultural activities, and guest lectures. Participants will make their own flight arrangements and will be responsible for their own dinners.

#### 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 *Art and Revolution in Latin America*, taught by Professor Jaime Pensado of Notre Dame's History Department. This course will introduce students to the Mexican, Cuban, and Nicaraguan Revolutions and their impact in Latin America, as represented in the arts. It will also focus on public art as a tool of protest in Spain. The course will include a field trip to the Reina Sofia Museum in Madrid and an excursion to Madrid to study street art. 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 program dates are June 15-July 27, 2010.

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 Penitencia Residence, a beautiful example of Renaissance and Mudejar architecture with its peaceful inner courtyard and arched balconies.

The Summer 2010 Toledo tuition and fees will be 3,840 Euros (which will be paid in dollars based on the exchange rate at the time of the invoice). Additionally all students will pay a \$200 Notre Dame administrative fee. Costs include 6 Notre Dame credits, full room and board, and site visits in Toledo (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

The School for International Training (SIT) is running the Peace and Conflict Studies summer seminar from June 2 - July 14, 2010. 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.

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 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. SIT arranges a group flight to Kampala, which is included in the program fee. 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 \$7,073. This fee includes tuition, room and board, international airfare, most transportation while abroad, and an administrative fee.

## Jerusalem

Notre Dame's Jerusalem Summer Program is located at the Ecumenical Institute for Theological Studies at Tantur, on a hilltop on the road from Jerusalem to Bethlehem. It will take place May 26-July 6, 2010. Since the Program is small (approximately 10 to 15 students), all students will earn the same six credit hours. The Program will also include introductory language instruction in Hebrew and Arabic. As part of the academic program, students may visit the Galilee, Haifa, Jericho, Beer-Sheba, Acre, and various archaeological and religious sites in Israel and the West Bank, accompanied by the On-Site Director and Faculty. Students live and take meals at Tantur. They reside in groups in apartments with private baths. Three meals are served daily in the Tantur dining room, and they feature a variety of Middle Eastern and American dishes.

The estimated cost for the Jerusalem Summer Program 2010 fee is approximately \$9,000 per student, which will cover the following costs: group flight to Tel Aviv from either New York or Atlanta, tuition for 6 Notre Dame credits, housing, most meals, group excursions (generally 2 weekly), and a 4-day trip to the Galilee.

## 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.

### IRST 30371 01: Introduction to Irish Writers

3 credits, Fox  
6/21-7/09 MTWRF 12:30 PM-3:00 PM  
CRN: 3917

Last add date: 6/22  
Drop dates: refund, 6/24; last, 6/30  
Description: As the visit to campus of the most recent Irish winner of the Nobel Prize in Literature suggests, this small island has produced a disproportionate number of great writers. Designed as a general literature course, the class will introduce the student to a broad range of Irish writers in English from the eighteenth century to the present. Writers will include Jonathan Swift, Maria Edgeworth, Oscar Wilde, James Joyce, William Butler Yeats, Brian Friel, and John McGahern. We will also look at recent film versions of several of these writers' works, including Wilde's *Importance of Being Earnest*. Themes to be explored include representations of "national character" and the relationships between religion and national identity, gender and nationalism, Ireland and England, and "Irishness" and "Englishness." Students can expect a midterm, a paper (5-6 pages typed) and a final.

### IRST 35550 01: Historical Archaeology of Irish America

3 credits, Rotman  
7/05-7/30 MTWRF 8:30 AM-5:00 PM  
CRN: 3864

Last add date: 7/07  
Drop dates: refund, 7/09; last, 7/17  
Note: \$200 lab/transportation fee.  
Description: Four 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. 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 \$200 laboratory/transportation fee.

## THE IRISH SEMINAR, DUBLIN: IRISH AND ITS REVIVAL AFTERMATH

Dates: 06/14/2010 - 06/25/2010

### IRST 64099 01: Seminar: The Irish Revival and its Aftermath

3 credits, Deane, Ellmann, Griffin,  
O'Buachalla, Whelan  
6/14-6/25 TWRF 1:00 PM-6:00 PM  
CRN: 2911

Last add date: 6/14  
Drop dates: refund, 6/15; last, 6/19  
Description: The Irish Revival emerged out of the Parnell fiasco, after which a generation turned away from politics towards cultural activities. At this time, in Yeats's famous words, Ireland was like 'wax' and cultural activists sought to impress their vision of a new Ireland on it. An extraordinary surge of cultural creativity ensued, embracing diverse movements - literary, dramatic, sporting, economic, linguistic ... which are summarised under the heading the Irish Revival. These activities crossed class, party, and sectarian cleavages: they did not involve a clear-cut severance of [high-minded] culture from [grubby] politics. There was no conflict of civilisations - of a Protestant Anglo-Ireland representing high culture against a Catholic Gaelic middle class or peasant culture. Neither was the Revival a backward-looking, nostalgic, anti-modern and anti-materialist movement. Cultural self-belief was its bedrock issue: it underpinned the struggle for national independence, for economic advances, for cultural autonomy. The Revival sought an alternative route to modernity. The spirit of self-reliance was the spirit of Sinn Féin ['Ourselves'], and all these ostensibly different activities formed a common programme to generate a revitalised citizenship and redefined public sphere, a new civic nationalism based on republicanism. The period also witnessed a growing realisation that a Home Rule parliament on College Green meant little if there was not a distinctive Irish nationality to be nurtured by it. The Irish Revival was not just a dreamy drift of writers and mystics looking backwards to a Celtic past. It was a progressive movement, featuring self-help groups focussed on local modes of production - economic and cultural - the Gaelic Athletic Association, the

Gaelic League, the Irish Literary Revival, the Abbey Theatre, the Co-Operative movement. They became the backbone of the emerging political movement. The Irish Revival offered a spectacular efflorescence of cultural and political energies. The generation born during or just after the Famine who came to maturity between 1880 and 1920 – including Michael Davitt, Michael Cusack, Douglas Hyde, Patrick Pearse, W. B. Yeats, J. M. Synge, Lady Gregory, James Joyce, Daniel Corkery - pioneered a remarkably experimental culture, that was much admired outside Ireland. The Harlem Renaissance of the 1920s was modelled on the Revival's experiment with Hiberno-English speech. Ireland occupied a disproportionate space in the 1929 surrealist map of the world by Andre Frank. Seamus Heaney has commented that 'The Ireland I now inhabit is one that these Irish contemporaries have helped to imagine'.

Culturally, the new Free State lived within the paradigms created by the gifted generations of the Revival. The Free State sponsored a nationalistic project, narrowly defined around the hegemonic block of the national bourgeoisie (agrarian and small business class), and intertwining the state with the church, education and media. The prodigious energy that had motivated the first generation of Irish-language activists dissipated as activists increasingly conferred sole responsibility for the language on the state. A similar narrowing was evident in other arenas of culture - the espousal of Censorship, the handing over of the Abbey Theatre to state control in 1925, and the consignment of Irish women back to the kitchen sink. In one sense, independence marked 'business as usual'. The Free State retained the institutions of the British state. The red British post boxes with their monarchical insignia were given a hasty green makeover. Kevin O'Higgins opined that the Free Staters were the most conservative revolutionaries in history. Creativity shrivelled as culture was formalised in the new state into a command culture, with an officially sanctioned version of Irish history and identity. An artificially constructed Irish identity was imposed in the name of tradition, that slowly congealed into de Valera's dreary Eden. Naturalism/realism became the dominant style of the Free State as a rebuke to the Revival and its exuberant experimentation. This marked a full-scale stylistic retreat from the inflations of the Revival,

a generic retreat from the epic ambitions of Ulysses or the vast symbolic systems like The Tower to the naturalist novel, short story, and lyric. Irish literature becomes a literature of boredom, as in Flann O'Brien and Samuel Beckett.

For additional information, contact:

The Irish Seminar 2010  
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:  
June 28–July 30

### 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](http://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 2010 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 high-powered 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 8 courses providing a total of 16 hours of academic credit will be offered in the summer of 2010. 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, June 28, and end on Friday, July 30. Examinations are scheduled between Aug. 2 and Aug. 4. 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, 2010, 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, 2010. 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 2010 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  | \$2,950        |
| Fees (registration, activities in London)                | \$100          |
| Transportation (Roundtrip airfare:<br>Chicago to London) | \$1000         |
| Transportation: U.K.                                     | \$410          |
| Room (includes breakfast)                                | \$2,400        |
| Meals  | \$1,620        |
| Books and Supplies                                       | \$275          |
| Entertainment and Personal                               | \$910          |
| <b>TOTAL</b>   | <b>\$9,665</b> |

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](mailto: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 1, 2010.

Tuition (\$2,950) due by 5/15/10.

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. David Gregory  
Kingston University Law School, South London

Prof. Susan Hawker  
Guildhall University, London

Prof. Gabriel Moens  
Dean of Law Murdoch University, Perth, Western Australia

Prof. Katherine Reece-Thomas  
City University, London

Prof. Stephen Smith  
University of Notre Dame

Prof. Robert Upex  
Emeritus Professor, University of Surrey

Prof. Emmanuel Voyiakis  
School of Social Sciences and Law at Brunel University

### HOUSING

A number of single rooms are reserved for Summer London participants in College Hall, a dormitory normally used by students of the University of London. College Hall is centrally situated in Bloomsbury, close to the British Museum, and a short walk from Russell Square underground station. From

there the Piccadilly underground line goes directly to Leicester Square station, a few minutes walk from the Suffolk Street facility.

Each student has his own room furnished with a bed, chair, desk, wardrobe, and telephone; bedding and towels are provided. There are bathroom facilities on every floor. The residence has recently been significantly refurbished to ensure that it complies with current U.K. law regarding access for persons with disabilities. This includes the provision of ramps for wheelchair use and modifications to the restrooms. In addition, the student housing is monitored by the Notre Dame facilities coordinator to ensure that it continues to comply with both disability and related health and safety requirements. Breakfast is included in the price of a room; an evening meal is available at an additional cost of approximately \$8 per person.

Because the number of rooms in College 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 College Hall will be assigned to you only after full payment of \$2,400 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 or obtain a release from the University's contractual obligation to pay for 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 College Hall may check in on Saturday, June 26. Students must vacate their rooms by noon on Thursday, Aug. 5.

### 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](http://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/](http://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](http://law.nd.edu). Questions regarding registration procedures and deadlines may be directed to the Notre Dame Law School Admissions Office: [lawadmit@nd.edu](mailto: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](http://law.nd.edu/london/summer/#APPLICATION).

### DIRECTOR

Prof. Geoffrey Bennett  
Notre Dame London Law Centre  
1 Suffolk Street  
London SW1Y 4HG  
ENGLAND  
+44-207-484-7822  
+44-207-484-7854 (FAX)  
Email: [Bennett.24@nd.edu](mailto:Bennett.24@nd.edu)

### 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](http://law.nd.edu/london/summer).

#### LAW 74362 01: Federal Criminal Law

2 credits, Smith  
6/28-8/04 TWR 10:00 AM-11:10 AM  
CRN: 3858

Last add/drop date: 7/01

Description: This course explores the law of federal crimes in the U.S. Although similar in some respects, federal crimes are, both normatively and descriptively, different in important respects from the much larger body of state criminal law. The course will cover in detail the scope and doctrinal structure of the federal criminal law. Several key federal crimes that loom large in federal criminal prosecutions, such as mail and wire fraud and RICO (which also have important parallel applications in the civil litigation context), will be explored in depth. Broader policy questions, such as the merits of the federalization of crime, will also be discussed.

#### LAW 74401 01: Public International Law

2 credits, Reece-Thomas  
6/28-8/04 MTWR 11:15 AM-12:25 PM  
CRN: 2945

Last add/drop date: 7/01

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 74406 01: European and International Labor Law

2 credits, Upex  
6/21-8/06 MTWR 11:15 AM-12:25 PM  
CRN: 3859

Last add/drop date: 7/01

Description: This course has three parts. In the first part, we will look at European Labor Law. In doing that, we will consider the

relevant treaty provisions and the relevant provisions of European Directives relating to Equality, Working Conditions, Employee Rights on Restructuring Enterprises and Worker Representation. In the second part, we will examine aspects of Private International Law relating to Labor Law, including the Brussels Regulations and the Rome Convention on Applicable Law. In the third part, we will consider international labor standards and the work of the International Labor Organization.

**LAW 74451 01: English Legal System**

2 credits, Gregory

6/28-8/04 TWRF 10:00 AM-11:10 AM

**CRN: 2941**

Last add/drop date: 7/01

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

6/28-8/04 MTWR 1:45 PM-2:55 PM

**CRN: 2940**

Last add/drop date: 7/01

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

6/28-8/04 MTWR 12:30 PM-1:40 PM

**CRN: 2942**

Last add/drop date: 7/01

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

6/28-8/04 MTWR 1:45 PM-2:55 PM

**CRN: 2943**

Last add/drop date: 7/01

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.

**LAW 74467 01: International Human Rights Law**

2 credits, Voyiakis

6/28-8/04 TWRF 8:45 AM-9:55 AM

**CRN: 2944**

Last add/drop date: 7/01

Description: This course will examine the place of the individual in international law and focus on the promotion and protection of human rights at both international and regional levels. Particular emphasis will be given to the procedures developed by the United Nations, Organization of American States and Council of Europe, examining their effects on both international and domestic law. Consideration will be given to the role of non-governmental organizations in the protection of human rights.

## ALLIANCE FOR CATHOLIC EDUCATION

### Director:

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

### MASTER OF EDUCATION PROGRAM

#### EDU 60020 01: Introduction to Teaching

0 credit, Collier, Cummings, Doyle  
5/31-6/04 MTWRF 10:15 AM-11:45 AM  
**CRN: 1134**

Last add date: 5/31

Drop dates: refund, 5/31; last, 6/02

Description: An introduction to the meaning and practice of contemporary teaching, including classroom organization and management, and to historical highlights in public and Catholic education.

#### EDU 60022 01: Introduction to Teaching - Elementary

1 credit, Doyle, Mayotte, Valadez  
5/31-6/04 MTWRF 1:30 PM-4:00 PM  
**CRN: 1230**

Last add date: 5/31

Drop dates: refund, 5/31; last, 6/02

Description: An introduction for elementary 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 60024 01: Introduction to Teaching - Middle School

1 credit, Borek, Doyle  
5/31-6/04 MTWRF 1:30 PM-4:00 PM  
**CRN: 1231**

Last add date: 5/31

Drop dates: refund, 5/31; last, 6/02

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, Doyle, Moreno  
5/31-6/04 MTWRF 1:30 PM-4:00 PM  
**CRN: 1232**

Last add date: 5/31

Drop dates: refund, 5/31; last, 6/02

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, Doyle, Large  
5/31-6/03 MTWR 6:00 PM-7:55 PM  
6/07-6/11 MTWRF 8:00 AM-9:55 AM  
**CRN: 1173**

Last add date: 5/31

Drop dates: refund, 6/01; last, 6/05

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 02: Introduction to Computers in Education

1 credit, Demmon, Doyle  
5/31-6/03 MTWR 6:00 PM-7:55 PM  
6/07-6/11 MTWRF 8:00 AM-9:55 AM  
**CRN: 1172**

Last add date: 5/31

Drop dates: refund, 6/01; last, 6/05

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 03: Introduction to Computers in Education

1 credit, Doyle, Large  
5/31-6/03 MTWR 8:00 PM-9:55 PM  
6/07-6/11 MTWRF 10:00 AM-11:55 AM  
**CRN: 1171**

Last add date: 5/31

Drop dates: refund, 6/01; last, 6/05

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  
5/31-6/03 MTWR 8:00 PM-9:55 PM  
6/07-6/11 MTWRF 10:00 AM-11:55 AM  
**CRN: 1170**

Last add date: 5/31

Drop dates: refund, 6/01; last, 6/05

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, DelFra, Doyle  
6/07-6/28 M 3:10 PM-5:15 PM  
7/12-7/19 M 3:10 PM-5:15 PM  
**CRN: 2716**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

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, Griffin  
6/07-6/28 M 3:10 PM-5:15 PM  
7/12-7/19 M 3:10 PM-5:15 PM  
**CRN: 2717**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

Description: An overview of six core topics of Catholic teaching along with initial planning with grade level master teachers to teach these topics in Catholic schools.

#### **EDU 60102 01: Effective Elementary Classroom Teaching**

2 credits, Doyle, Erickson, Husby  
6/08-7/01 TWR 1:10 PM-3:00 PM  
7/13-7/14 TW 1:10 PM-3:00 PM

**CRN: 2870**

Last add date: 6/11

Drop dates: refund, 6/16; last, 6/29

Description: The development of knowledge, skills, and dispositions essential for elementary teachers: lesson and unit planning, yearly planning, cross-curricular planning, and effective teaching strategies in the K-6 classroom. Topics will also include grouping for instruction and differentiated instruction, motivation, effective use of learning centers, use of texts, student learning standards, and multiple resources.

#### **EDU 60122 01: Elementary Language Arts Assessment**

1 credit, Doyle, Mayotte  
6/07-6/28 M 3:10 PM-5:15 PM  
7/12-7/19 M 3:10 PM-5:15 PM

**CRN: 2876**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

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, Doyle, Hart  
7/06-7/21 T 3:10 PM-5:40 PM  
7/07-7/21 WR 3:10 PM-5:45 PM  
7/09-7/16 F 1:10 PM-3:40 PM

**CRN: 2718**

Last add date: 7/07

Drop dates: refund, 7/08; last, 7/13

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, Burish, Doyle  
6/28-7/01 MTWR 3:10 PM-5:10 PM  
7/06-7/08 TWR 3:10 PM-5:10 PM  
7/09-7/16 F 1:10 PM-3:05 PM  
7/15-7/15 R 3:10 PM-5:10 PM  
7/19-7/20 MT 3:10 PM-5:10 PM

**CRN: 2891**

Last add date: 6/29

Drop dates: refund, 7/02; last, 7/09

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  
6/07-6/24 MTWR 3:10 PM-5:00 PM  
6/18-6/18 F 3:10 PM-4:40 PM  
6/25-6/25 F 1:10 PM-2:40 PM

**CRN: 2719**

Last add date: 6/09

Drop dates: refund, 6/11; last, 6/16

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, Doyle, Maletta  
6/08-7/01 TWR 3:10 PM-5:15 PM  
6/11-6/25 F 1:10 PM-3:15 PM  
7/06-7/08 TWR 12:55 PM-3:00 PM

**CRN: 2894**

Last add date: 6/10

Drop dates: refund, 6/13; last, 6/23

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, Doyle, Mayotte  
6/08-7/01 TWRF 1:10 PM-3:00 PM  
7/06-7/21 TWRF 1:10 PM-3:00 PM

**CRN: 2616**

Last add date: 6/11

Drop dates: refund, 6/16; last, 6/29

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  
6/08-7/01 TWRF 1:10 PM-3:00 PM  
7/06-7/21 TWRF 1:10 PM-3:00 PM

**CRN: 2619**

Last add date: 6/11

Drop dates: refund, 6/16; last, 6/29

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, Doyle, Husby  
6/07-7/01 MTWR 8:00 AM-10:00 AM  
7/06-7/08 TWR 8:00 AM-10:00 AM

**CRN: 2393**

Last add date: 6/09

Drop dates: refund, 6/12; last, 6/22

Description: A survey in exceptionality with emphasis on the elementary-aged child is 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, Doyle, Erickson  
6/07-7/01 MTWR 8:00 AM-10:00 AM



7/06-7/08 TWR 8:00 AM-10:00 AM

**CRN: 2394**

Last add date: 6/09

Drop dates: refund, 6/12; last, 6/22

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, Doyle, Lorenzen

6/07-7/01 MTWR 8:00 AM-10:00 AM

7/06-7/08 TWR 8:00 AM-10:00 AM

**CRN: 2395**

Last add date: 6/09

Drop dates: refund, 6/12; last, 6/22

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, Doyle, Power

6/07-7/01 MTWRF 10:10 AM-11:55 AM

7/06-7/09 TWRF 10:10 AM-11:55 AM

**CRN: 2720**

Last add date: 6/09

Drop dates: refund, 6/13; last, 6/23

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

6/07-7/01 MTWRF 10:10 AM-11:55 AM

7/06-7/09 TWRF 10:10 AM-11:55 AM

**CRN: 2899**

Last add date: 6/09

Drop dates: refund, 6/13; last, 6/23

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, Doyle, Lapsley

6/07-7/01 MTWRF 10:10 AM-11:55 AM

7/06-7/09 TWRF 10:10 AM-11:55 AM

**CRN: 2741**

Last add date: 6/09

Drop dates: refund, 6/13; last, 6/23

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, Doyle, McNeil

6/07-7/01 MTWRF 10:10 AM-11:55 AM

7/06-7/09 TWRF 10:10 AM-11:55 AM

**CRN: 3224**

Last add date: 6/09

Drop dates: refund, 6/13; last, 6/23

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 60605 01: English/Language Arts Education I**

2 credits, Dallavis, Doyle

6/08-7/01 TWR 3:10 PM-4:40 PM

7/06-7/21 TWR 3:10 PM-4:40 PM

**CRN: 2845**

Last add date: 6/11

Drop dates: refund, 6/16; last, 6/29

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 60605 02: English/Language Arts Education I**

2 credits, Borek, Doyle, Kennedy

6/08-7/01 TWR 3:10 PM-4:40 PM

7/06-7/21 TWR 3:10 PM-4:40 PM

**CRN: 2818**

Last add date: 6/11

Drop dates: refund, 6/16; last, 6/29

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

6/08-7/01 TWR 3:10 PM-4:40 PM

7/06-7/21 TWR 3:10 PM-4:40 PM

**CRN: 2847**

Last add date: 6/11

Drop dates: refund, 6/16; last, 6/29

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

6/08-7/01 TWR 3:10 PM-4:40 PM

7/06-7/21 TWR 3:10 PM-4:40 PM

**CRN: 2849**

Last add date: 6/11

Drop dates: refund, 6/16; last, 6/29

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 Language and current research and theory.

**EDU 60665 01: Mathematics Education I**

2 credits, Doyle, Kennedy

6/22-7/01 TWR 3:10 PM-5:10 PM

6/25-6/25 F 3:10 PM-4:30 PM

7/06-7/21 TWR 3:10 PM-5:10 PM

7/09-7/09 F 3:10 PM-4:30 PM

**CRN: 2851**

Last add date: 6/24

Drop dates: refund, 6/27; last, 7/06

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, Kloser

6/08-7/01 TWR 3:10 PM-4:40 PM

7/06-7/21 TWR 3:10 PM-4:40 PM

**CRN: 2853**

Last add date: 6/11

Drop dates: refund, 6/16; last, 6/29

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, Dallavis, Doyle  
6/07-6/28 M 3:10 PM-5:00 PM  
6/08-7/01 TWR 3:10 PM-4:40 PM  
7/06-7/21 TWR 3:10 PM-4:40 PM  
7/12-7/19 M 3:10 PM-5:00 PM

**CRN: 2844**

Last add date: 6/11

Drop dates: refund, 6/15; last, 6/29

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 60705 02: English/Language Arts Education II**

3 credits, Borek, Doyle, Kennedy  
6/07-6/28 M 3:10 PM-5:00 PM  
6/08-7/01 TWR 3:10 PM-4:40 PM  
7/06-7/21 TWR 3:10 PM-4:40 PM  
7/12-7/19 M 3:10 PM-5:00 PM

**CRN: 3229**

Last add date: 6/11

Drop dates: refund, 6/15; last, 6/29

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  
6/07-6/28 M 3:10 PM-5:00 PM  
6/08-7/01 TWR 3:10 PM-4:40 PM  
7/06-7/21 TWR 3:10 PM-4:40 PM  
7/12-7/19 M 3:10 PM-5:00 PM

**CRN: 2846**

Last add date: 6/11

Drop dates: refund, 6/15; last, 6/29

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  
6/07-6/28 M 3:10 PM-5:00 PM  
6/08-7/01 TWR 3:10 PM-4:40 PM  
7/06-7/21 TWR 3:10 PM-4:40 PM  
7/12-7/19 M 3:10 PM-5:00 PM

**CRN: 2848**

Last add date: 6/11

Drop dates: refund, 6/15; last, 6/29

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, Doyle, Kennedy  
6/21-6/28 M 3:10 PM-5:20 PM  
6/22-7/01 TWR 3:10 PM-5:10 PM  
6/25-6/25 F 3:10 PM-4:30 PM  
7/06-7/21 TWR 3:10 PM-5:10 PM  
7/09-7/09 F 3:10 PM-4:30 PM

7/12-7/19 M 3:10 PM-5:20 PM

7/16-7/16 F 9:10 AM-11:10 AM

**CRN: 2850**

Last add date: 6/23

Drop dates: refund, 6/26; last, 7/06

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 Mathematics and current research and theory.

**EDU 60785 01: Science Education II**

3 credits, Doyle, Kloser  
6/07-6/28 M 3:10 PM-5:00 PM  
6/08-7/01 TWR 3:10 PM-4:40 PM  
7/06-7/21 TWR 3:10 PM-4:40 PM  
7/12-7/19 M 3:10 PM-5:00 PM

**CRN: 2852**

Last add date: 6/11

Drop dates: refund, 6/15; last, 6/29

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 Science Teachers Association and current research and theory.

**EDU 60830 01: Folk Choir**

1 credit, Doyle, Schneider Kirner, Warner  
6/06-7/18 U 7:00 PM-11:00 PM

**CRN: 2802**

Last add date: 6/09

Drop dates: refund, 6/14; last, 6/27

Description: Work with the Folk Choir, which continues to build the repertoire for Catholic school use.

**EDU 60840 01: Teaching Art Across the Curriculum**

1 credit, Doyle, Welsh  
6/15-6/18 TWRF 1:20 PM-3:00 PM  
6/22-6/24 TWR 1:20 PM-3:00 PM

**CRN: 3581**

Last add date: 6/15

Drop dates: refund, 6/16; last, 6/19

Description: Introduction to art and art activities that enhance and can be effectively integrated into a broad range of curricular areas for all age levels.

**EDU 60870 01: Religion Education I**

1 credit, DelFra, Doyle  
6/15-6/24 TWRF 1:20 PM-3:00 PM

**CRN: 3812**

Last add date: 6/15

Drop dates: refund, 6/16; last, 6/19

Description: The development of class experiences, activities and content specific methods for elementary, middle and high school religion classes, based on local curricular standards and current research and theory.

**EDU 60880 01: Coaching and Youth**

1 credit, Doyle, Howard  
6/15-6/18 TWRF 1:20 PM-3:00 PM  
6/22-6/24 TWR 1:20 PM-3:00 PM

**CRN: 3204**

Last add date: 6/15

Drop dates: refund, 6/16; last, 6/19

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, Doyle, Staud  
5/31-6/04 MTWRF 8:30 AM-10:00 AM  
6/08-7/06 T 7:15 PM-8:45 PM  
7/20-7/20 T 7:15 PM-8:45 PM

**CRN: 2620**

Last add date: 6/04

Drop dates: refund, 6/09; last, 6/25

Description: An integration of the professional, communal, and spiritual dimensions of the ACE program. Participants engage in active listening as well as interactive and collaborative learning exercises to integrate these pillars of ACE in their professional service to Catholic schools.

**EDU 65030 01: Education Practicum**

0 credit, Anderson, Doyle  
6/07-6/28 M 1:45 PM-3:00 PM  
7/12-7/19 M 1:45 PM-3:00 PM

**CRN: 2948**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

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 02: Education Practicum**

0 credit, Benchik, Doyle  
6/07-6/28 M 1:45 PM-3:00 PM  
7/12-7/19 M 1:45 PM-3:00 PM

**CRN: 2949**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

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 03: Education Practicum**

0 credit, Buczynski, Doyle  
6/07-6/28 M 1:45 PM-3:00 PM  
7/12-7/19 M 1:45 PM-3:00 PM

**CRN: 2950**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

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 04: Education Practicum**

0 credit, Doyle, Dyczko  
6/07-6/28 M 1:45 PM-3:00 PM  
7/12-7/19 M 1:45 PM-3:00 PM

**CRN: 2951**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

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 05: Education Practicum**

0 credit, Doyle, Strunk  
6/07-6/28 M 1:45 PM-3:00 PM  
7/12-7/19 M 1:45 PM-3:00 PM

**CRN: 2952**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

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 65032 01: Practicum - Elementary**

2 credits, Doyle  
6/07-6/28 M 1:45 PM-3:00 PM  
7/12-7/19 M 1:45 PM-3:00 PM

**CRN: 1233**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

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 65034 01: Practicum - Middle School**

2 credits, Doyle  
6/07-6/28 M 1:45 PM-3:00 PM  
7/12-7/19 M 1:45 PM-3:00 PM

**CRN: 1234**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

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 65036 01: Practicum - High School**

2 credits, Doyle  
6/07-6/28 M 1:45 PM-3:00 PM  
7/12-7/19 M 1:45 PM-3:00 PM

**CRN: 1235**

Last add date: 6/10

Drop dates: refund, 6/15; last, 6/28

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 02: Special Topics in Education**

Variable credits, Doyle, Johnstone  
6/04-7/23

**CRN: 1003**

Last add date: 6/08

Drop dates: refund, 6/13; last, 6/28

Description: This course provides an opportunity for students to explore issues and experiences in education with the approval of the Academic Director.

**MARY ANN REMICK LEADERSHIP PROGRAM**

*Director:* Rev. Ronald J. Nuzzi, Ph.D.  
Program Tel.: (574) 631-7730

Website: [ace.nd.edu/academic-programs/alp](http://ace.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  
6/21-7/16 MWF 8:30 AM-12:00 PM

**CRN: 1169**

Last add date: 6/23

Drop dates: refund, 6/25; last, 7/03

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 stud-

ies, and problem-based learning techniques.

**EDU 70604 01: Financial Management**

3 credits, McDade, Nuzzi  
6/21-7/02 MTWRF 1:30 PM-5:30 PM  
**CRN: 2817**

Last add date: 6/21  
Drop dates: refund, 6/22; last, 6/26  
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  
7/05-7/16 MTWRF 1:30 PM-5:30 PM  
**CRN: 2816**

Last add date: 7/05  
Drop dates: refund, 7/06; last, 7/10  
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  
6/22-7/20 T 7:00 PM-9:30 PM  
**CRN: 2928**

Last add date: 6/24  
Drop dates: refund, 6/27; last, 7/06  
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 70655 01: Computing in Educational Leadership**

1 credit, Atwood, Nuzzi  
6/29-7/15 TR 8:00 AM-10:30 AM  
**CRN: 3177**

Last add date: 6/30  
Drop dates: refund, 7/01; last, 7/07

Description: A hands-on computer applications course, designed for school administrators at the K-12 level. Participants will be introduced to a variety of educational software packages while becoming competent in using word processing, PowerPoint, spreadsheets (Excel), and various database management tools. Lesson planning, gradebook, and scheduling software will also be presented. Class meets in a computer lab.

**EDU 73607 01: Grant Writing and Development**

1.5 credits, Johnstone, Nuzzi  
6/14-6/25 MWF 8:30 AM-11:30 AM  
**CRN: 3621**

Last add date: 6/14  
Drop dates: refund, 6/15; last, 6/19  
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  
Dygart, Nuzzi  
6/17-7/01 TR 8:00 AM-10:30 AM  
6/19-6/26 S 8:00 AM-11:30 AM  
**CRN: 3622**

Last add date: 6/18  
Drop dates: refund, 6/19; last, 6/24  
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, Nuzzi, Watson  
6/21-7/02 MTWRF 1:30 PM-5:30 PM  
**CRN: 2807**

Last add date: 6/21  
Drop dates: refund, 6/22; last, 6/26  
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, Nuzzi, Schoen  
6/17-7/15 R 7:00 PM-9:30 PM  
**CRN: 3148**

Last add date: 6/19  
Drop dates: refund, 6/22; last, 7/01  
Description: Ongoing spiritual development for individual teachers and the school community are the primary focus of this course. The liturgical seasons receive special emphasis, and course participants will develop strategies to help them persevere in their own spiritual growth plan and to actively contribute to the Catholic identity of the school and the spiritual growth of the faculty.

**EDU 73633 01: Media Relations**

1 credit  
Donadio, Nuzzi  
7/01-7/01R 1:30 PM-5:30 PM  
7/01-7/01R 7:30 PM-9:30 PM  
7/02-7/02 F 9:00 AM-12:00 PM  
7/02 -7/02 F 1:30 PM-4:30 PM  
**CRN: 4048**

Last add date: 6/30  
Drop dates: refund, 6/30; last, 7/01  
Description: A skills-based practicum focusing on public relations, school marketing, crisis communications, and media management. Participants will be videotaped in simulations of television interviews, news stories, and commercials for schools.

**EDU 73633 02: Media Relations**

1 credit, Donadio, Nuzzi  
7/20-7/20 T 8:30 AM-10:30 AM  
7/20-7/20 T 1:30 PM-4:30 PM  
7/21-7/21 W 8:30 AM-11:30 AM  
7/21-7/21 W 1:30 PM-5:30 PM  
**CRN: 4049**

Last add date: 7/19  
Drop dates: refund, 7/19; last, 7/20

Description: A skills-based practicum focusing on public relations, school marketing, crisis communications, and media management. Participants will be videotaped in simulations of television interviews, news stories, and commercials for schools.

**EDU 73636 01: Foundations of Education**

3 credits, Nuzzi, Power  
6/14-6/25 MTWRF 1:30 PM-5:30 PM

**CRN: 3609**

Last add date: 6/14

Drop dates: refund, 6/15; last, 6/19

Description: Historical and philosophical foundations to education are explored, with an emphasis on moral and ethical development in youth. Lectures, simulations, cooperative learning exercises, and discussions will be used to highlight differences in current theoretical approaches while challenging students to construct a defensible philosophical posture for their own educational service.

**EDU 73659 01: Exceptionalities**

3 credits, Nuzzi, Smiley  
7/05-7/16 MTWRF 1:30 PM-5:30 PM

**CRN: 3268**

Last add date: 7/05

Drop dates: refund, 7/06; last, 7/10

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**

1 credit, Frabutt, Holter, Nuzzi  
6/21-8/06

**CRN: 3450**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
6/21-7/16 MWF 8:30 AM-12:00 PM  
6/22-7/15 T 9:00 AM-10:30 AM

**CRN: 3205**

Last add date: 6/23

Drop dates: refund, 6/25; last, 7/03

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  
6/16-7/14 W 7:00 PM-9:30 PM

**CRN: 3645**

Last add date: 6/18

Drop dates: refund, 6/21; last, 6/30

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](http://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, Panzica  
7/08-7/23 MTWRF 8:00 AM-11:30 AM

**CRN: 3149**

Last add date: 7/09

Drop dates: refund, 7/10; last, 7/15

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 70100 02: Linguistics and Language Acquisition**

3 credits, Hagens, Panzica  
7/08-7/23 MTWRF 1:00 PM-4:30 PM

**CRN: 3654**

Last add date: 7/09

Drop dates: refund, 7/10; last, 7/15

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  
7/08-7/23 MTWRF 1:00 PM-4:30 PM

**CRN: 3150**

Last add date: 7/09

Drop dates: refund, 7/10; last, 7/15

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.

**EDU 70110 02: Teaching Second Language Learners**

3 credits, Moreno  
7/08-7/23 MTWRF 8:00 AM-11:30 AM

**CRN: 3655**

Last add date: 7/09

Drop dates: refund, 7/10; last, 7/15

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.

**EDU 75120 01: ELL Practicum I: Application of Instructional Methods**

3 credits, Moreno

6/21-8/06

**CRN: 3428**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Readings, research, and class conversation will focus on the variety of instructional methods and implementation related to establishing a supportive environment and implementing the appropriate activities that support optimal learning for English language learners.

**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,

6/21-7/03 MTWRF 8:00 AM-11:30 AM

**CRN: 4080**

Last add date: 6/21

Drop dates: refund, 6/23; last, 6/27

Description: Examines the historical and philosophical foundations of teaching children with mild disabilities, as well as the fundamentals for provision of special education service delivery including legal, familial and societal aspects. Programming options and ethical practices for mild interventions will be emphasized in the context of culturally responsive practice.

**EDU 70200 02: Foundations in Exceptional Needs**

2 credits,

6/21-7/03 MTWRF 1:00 PM-4:30 PM

**CRN: 4081**

Last add date: 6/21

Drop dates: refund, 6/23; last, 6/27

Description: Examines the historical and philosophical foundations of teaching children with mild disabilities, as well as the fundamentals for provision of special education service delivery including legal, familial and societal aspects. Programming options and ethical practices for mild interventions will be emphasized in the context of culturally responsive practice.

**EDU 70201 01: Education for Social and Emotional Wellness**

2 credits, Frabutt

6/21-7/03 MTWRF 8:00 AM-11:30 AM

**CRN: 4082**

Last add date: 6/21

Drop dates: refund, 6/23; last, 6/27

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.

**EDU 70202 01: Collaboration**

2 credits

6/21-7/03 MTWRF 8:00 AM-11:30 AM

Last add date: 6/21

**CRN: 4084**

Drop dates: refund, 6/23; last, 6/27

Description: Reviews methods of implementing service delivery systems available for mild intervention; 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 02: Collaboration**

2 credits

6/21-7/03 MTWRF 1:00 PM-4:30 PM

**CRN: 4085**

Last add date: 6/21

Drop dates: refund, 6/23; last, 6/27

Description: Reviews methods of implementing service delivery systems available for mild intervention; 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.

**EDUCATION, SCHOOLING AND SOCIETY***Director:*

Stuart Greene

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.

**ESS 47601 01: Special Studies: Research in Catholic Education**

Variable credits, Nuzzi

6/21-8/06

**CRN: 3416**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Special Studies: Research in Catholic Education is designed to provide undergraduate students an opportunity to engage in systematic research of issues and trends in Catholic Education. Faculty members in the ACE leadership program will supervise individual research projects, facilitate presentations at conferences when possible and appropriate, and ensure that individual student research efforts are informed by and contribute to the growing field of Catholic education.

**ESS 47601 02: Special Studies: Research in Catholic Education**

Variable credits, Frabutt, Holter  
6/21-8/06

**CRN: 3857**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Special Studies: Research in Catholic Education is designed to provide undergraduate students an opportunity to engage in systematic research of issues and trends in Catholic Education. Faculty members in the ACE leadership program will supervise individual research projects, facilitate presentations at conferences when possible and appropriate, and ensure that individual student research efforts are informed by and contribute to the growing field of Catholic education.

**GENDER STUDIES***Director:*

Pamela Wojcik, Ph.D.

*Program Coordinator:*

Linnie Caye

Program Tel.: (574) 631-4266

**Objectives.** Gender studies is an interdisciplinary academic program that analyzes the significance of gender - and the cognate subjects of sex, sexuality, race, ethnicity, class, and nationality - in all areas of human life. Gender studies illuminate how gender and its cognates reflect the experiences of individuals, as well as the development of practices and institutions. The gender studies supplementary major and minor provide the intellectual framework in which the analysis of gender and its cognates can be creatively and critically applied to the arts and humanities, the natural and social sciences, the professions and the workplace, and one's personal, familial, and civic life. Alongside our diverse array of courses drawn from across the University, our summer internship and academic-credit internship programs emphasize the holistic and practical life applications of a gender studies education at Notre Dame.

**KANEB CENTER FOR TEACHING AND LEARNING***Interim Director:*

Kevin Barry

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 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. See [nd.edu/~ndrets/](http://nd.edu/~ndrets/).

**COLLEGE OF ENGINEERING**

The College of Engineering of the University of Notre Dame invites qualified high school teachers to participate in research projects in a laboratory of one of the centers or departments of the college. Participating teachers will be mentored by a faculty member and will work side-by-side 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](http://nd.edu/~ndrets).

**Department of Aerospace and Mechanical Engineering**

**Department of Chemical and Biomolecular Engineering**

**Department of Civil Engineering and Geological Sciences**

**Department of Computer Science and Electrical Engineering**

**Department of Electrical Engineering**

**Center for Environmental Science and Technology**

**COLLEGE OF SCIENCE**

The College of Science of the University of Notre Dame invites qualified high school teachers to participate in research projects and workshops in one of the departments in the college. 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/](http://nd.edu/~ndrets/).

**Department of Biological Sciences**

**Department of Chemistry**

**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

#### AME 87891 01: Visiting Teacher Special Studies

Variable credits, Morris  
6/21-8/06

CRN: 2999

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course is a special independent study course for visiting teachers.

#### BIOS 87061 01: Research Experience for Teachers Biological Sciences Workshop

3 credits, Veselik

7/05-7/30

CRN: 3421

Last add date: 7/07

Drop dates: refund, 7/09; last, 7/17

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.

#### GED 60501 01: Teaching Engineering Tutorials and Laboratories

1 credit, Brockman

8/10-8/11 TW 9:00 AM-4:00 PM

CRN: 2617

Last add date: 8/09

Drop dates: refund, 8/09; last, 8/10

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.

#### CE 87200 01: Visiting Teachers Special Studies

Variable credits

6/21-8/06

CRN: 3080

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Special independent study course for visiting teachers.

#### CHEM 77670 01: Special Problems: Research Experience for High School Instructors

Variable credits, Lieberman

6/21-8/06

CRN: 3001

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Registration limited to high school instructors participating in summer RET programs at Notre Dame.

#### EE 87061 01: Summer Research Education for Teachers

Variable credits

CRN varies with instructor

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: This course is intended for high school teachers in order to give them research experience in the area of electrical engineering.

#### GED 60601 01: Preparing for an Academic Career in Physics, Math and Engineering

1 credit, Kolda

8/03-8/06 TWRF 9:00 AM-12:00 PM

CRN: 1260

Last add date: 8/02

Drop dates: refund, 8/03; last, 8/04

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.

#### GED 60610 01: Preparing for an Academic Career in the Humanities

1 credit, Wawrykow

5/31-6/04 MTRF 1:00 PM-4:00 PM

CRN: 2906

Last add date: 5/31

Drop dates: refund, 5/31; last, 6/02

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.

#### GED 60612 01: Effective and Exciting Teaching in Social Sciences

1 credit

6/21-6/25 MT 9:00 AM-4:00 PM

6/21-6/25 W 1:00 PM-4:00 PM

6/21-6/25 R 9:00 AM-12:00 PM

6/21-6/25 F 1:00 PM-3:00 PM

CRN: 2247

Last add date: 6/21

Drop dates: refund, 6/21; last, 6/23

Description: This course is designed for continuing social science graduate students who want to increase their classroom effectiveness. The course introduces the logic of and mechanics for developing an effective repertoire of teaching techniques, including: (1) how to give a spectacular and engrossing lecture; (2) how to run dynamic discussion groups; (3) how and why to use PowerPoint and/or Web pages; (4) how to understand and use class size, class demographics (esp. race and gender) and age to your advantage; (5) how to think about and compose exams. Graduate students in history or other disciplines are most welcome.

#### GED 60640 01: Designing and Teaching Your First Biology or Chemistry Course

1 credit, Hyde

5/31-6/03 MTR 1:00 PM-5:00 PM



**CRN: 1097**

Last add date: 5/30

Drop dates: refund, 5/31; last, 6/01

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.

**GRE 60641 01: Theory and Practice of Asking Questions and Getting Answers**

1 credit, Bruneau

6/14-6/17 MTWR 9:00 AM-12:00 PM

**CRN: 3405**

Last add date: 6/13

Drop dates: refund, 6/14; last, 6/15

Description: This course invites graduate students of all disciplines to explore the many roles questions can take in the classroom and how we can provoke good questions and answers from our students by asking good questions ourselves. Participants will read and discuss research on such topics as wait time, "authentic" questions, and ways to address different intelligences and levels of proficiency. The class participants will then apply the ideas raised in the course to generate test, homework, and discussion questions for their own subject area classes.

**MATH 68990 01: Research Education for Teachers - Elements of Probability and Statistics**

3 credits, Hahn

6/21-8/06

**CRN: 3081**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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.

**PHYS 68098 01: Directed Research in Physics Teaching**

Variable credits, Ruchti, Wayne

6/21-8/06

**CRN: 2920**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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 QuarkNet program staff, and concurrence of instructor.

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. Instruction will be given in modeling physics phenomenon in a classroom setting. Emphasis given to applications in high school physics teaching. Students will maintain a course logbook and submit a written research summary at the conclusion of the workshop.

**PHYS 68099 01: Directed Research**

Variable credits

**CRN varies with instructor**

6/21-8/06

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: 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 which 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.

**PHYS 68299 01: Directed Research in Astrophysics**

Variable credits, Mathews

6/21-8/06

**CRN: 2267**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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

6/21-8/06

**CRN: 2263**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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, Toroczka

6/21-8/06

**CRN: 2264**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
6/21-8/06

**CRN: 2265**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
6/21-8/06

**CRN: 2262**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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  
6/21-8/06

**CRN: 1015**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

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.

## **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 20705 01: Ways of Peacemaking: Gandhi, Heschel and King**

3 credits, Neiman

6/21-8/06 MTWR 1:15 PM-2:35 PM

**CRN: 3893**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: An intensive study of the philosophy and spirituality of three of the greatest peace educators of our century: M. Gandhi, A. Heschel and M. Luther King.

## **INSTITUTE FOR LATINO STUDIES**

*Assistant Provost and Director:*

Gilberto Cardenas

Dept. Tel.: (574) 631-4440

The Institute for Latino Studies (ILS) was established in 1999 to advance teaching and research on the Latino population from both an interdisciplinary and comparative approach. Beginning the fall 2004, students may pursue a minor in Latino studies in conjunction with any undergraduate major. The institute offers courses cross-listed with departments in a wide range of areas. Following the path of Julian Samora (1920–96), esteemed Notre Dame professor of sociology from 1958 to 1985, the institute contributes to the teaching, research, and service mission of the University. The institute's primary aim is to further the understanding of the history, culture, literature, and socio-political position of Latinos in the United States. In recognition of the strong Catholic foundation of the Latino community, and the rich Catholic heritage of Notre Dame, the ILS provides academic and service programs that promote a greater awareness of Latino religious life.

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 40716 01: Immigration, Political Rights and Citizenship: New Perspectives**

3 credits, Brown-Gort, Esguevillas Ruiz  
6/21-8/06 MW 11:45 AM-1:00 PM

**CRN: 4070**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Citizenship is a pressing question for nation-states in the era of globalization. Whereas previous research on citizenship focused narrowly on the process of legal status, new studies are illuminating the actual practice of citizenship. As individuals' lives increasingly span national boundaries, states are debating the rights of people who claim to belong in more than

one country. What are and what should be the extent of immigrants' economic rights? What about their legal rights, political rights and cultural rights? The European Union and the United States confront similar challenges of integrating immigrants. The immigration debate that peaked in the United States with the end of the national Quota Act in 1965 surged again at the turn of the millennium while the Parliament and the Council of the European Union in 2008 adopted the directive of "Return of Illegal Immigrants", marking a new milestone in Europe's internal immigration debate.

## MENDOZA COLLEGE OF BUSINESS MASTER OF NONPROFIT ADMINISTRATION PROGRAM

*Director:*

Thomas J. Harvey, M.S.W.  
Dept. Tel.: (574) 631-3639

In 1952–53, in an effort to meet the needs for trained administrators of religious communities, the College of Commerce at Notre Dame offered a series of three-day institutes on "Practical Business Problems of Religious Life." The popularity of these sessions, and the call for more and broader topics, resulted in the idea for a graduate program. Following a self-review in 1999–2000, the M.N.A. has a new focus, structure, and curriculum. The M.N.A. is designed to provide professional training in administration and leadership for managers in nonprofit social services, arts, or religious organizations. The program is structured to develop leadership proficiencies in areas including marketing, human resource management, finance, development, accounting, law, communication, board management, and strategic planning.

**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**

Rooted in the Notre Dame tradition of academic excellence, the Mendoza College of Business M.N.A. degree's mission is to develop exemplary leaders serving in 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 [nd.edu/~mna](http://nd.edu/~mna), and then have official copies of all transcripts, recommendation forms, and GRE test scores sent to the M.N.A. director. Upon receipt of these documents, the admissions committee will review the file.

**The Core Curriculum:**

| Course Title   | Credits |
|--|---------|
| MNA 60410 Marketing for Nonprofits                         | 3       |
| MNA 60310 Accounting for a Nonprofit Organization          | 3       |
| MNA 70310 Decision Analysis                                | 3       |
| MNA 60210 Human Resource Management                        | 3       |
| MNA 60110 Management Communication                         | 1.5     |
| MNA 66110 Legal Environment                                | 3       |
| MNA 70110 Economics of NFP Enterprises                     | 3       |
| MNA 60510 Board Relations Management                       | 1.5     |
| MNA 70210 Financial Management                             | 3       |
| MNA 70410 Ethics Theory                                    | 1.5     |
| MNA 70610 Planning and Policy                              | 3       |
| MNA 70740 Nonprofit Management and Organizational Behavior | 1.5     |
| MNA 75110 Field Project Electives                          | 9       |

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](mailto:harvey.18@nd.edu)

**Course Offerings**

**MNA 60110 01: Management Communication**

1.5 credits, O'Rourke  
6/28-7/03 MTWFS 1:00 PM-5:00 PM  
**CRN: 3121**  
Last add date: 6/28  
Drop dates: refund, 6/28; last, 6/30  
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.

**MNA 60210 01: Human Resource Management**

3 credits, Bloom  
6/28-7/09 MTWFS 8:00 AM-12:00 PM  
**CRN: 3122**  
Last add date: 6/28  
Drop dates: refund, 6/29; last, 7/03  
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, Hums, Milani  
7/05-7/17 MTWFS 1:00 PM-5:00 PM  
**CRN: 3123**  
Last add date: 7/05  
Drop dates: refund, 7/07; last, 7/11

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, Bradford  
7/12-7/23 MTWFS 8:00 AM-12:00 PM  
**CRN: 3124**

Last add date: 7/12  
Drop dates: refund, 7/13; last, 7/17  
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, Spillet  
7/19-7/23 MTWRF 1:00 PM-5:00 PM  
**CRN: 3125**

Last add date: 7/19  
Drop dates: refund, 7/19; last, 7/21  
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, Keating  
6/28-7/09 MTWFS 1:00 PM-5:00 PM  
**CRN: 3126**

Last add date: 6/28  
Drop dates: refund, 6/29; last, 7/03  
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  
6/28-7/09 MTWFS 8:00 AM-12:00 PM  
**CRN: 3127**

Last add date: 6/28  
Drop dates: refund, 6/29; last, 7/03  
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  
7/12-7/23 MTWFS 8:00 AM-12:00 PM  
**CRN: 3128**

Last add date: 7/12  
Drop dates: refund, 7/13; last, 7/17  
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 Theory**

1.5 credits, Murphy  
7/12-7/17 MTWFS 1:00 PM-5:00 PM  
**CRN: 3129**

Last add date: 7/12  
Drop dates: refund, 7/12; last, 7/14  
Description: This course exams 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.

**MNA 70610 01: Planning & Policy**

3 credits, Michel  
7/26-8/06 MTWRF 9:30 AM-3:30 PM  
**CRN: 3130**

Last add date: 7/26  
Drop dates: refund, 7/27; last, 7/31  
Description: This course is designed to integrate the knowledge, skills and techniques obtained from previous courses. Emphasis is placed on the formation of a nonprofit organizational strategy through the development of a mission statement, strategic objectives and plans for implementation of the strategy.

**MNA 70740 01: Nonprofit Management and Organizational Behavior**

1.5 credits, Betro  
7/19-7/23 MTWRF 1:00 PM-5:00 PM  
**CRN: 3232**

Last add date: 7/19  
Drop dates: refund, 7/19; last, 7/21  
Description: Management in Nonprofit Corporations presents a highly specialized and unique set of challenges. Although primarily a service sector, customers/stakeholders/financial resources are often other than the direct recipients of service. This poses a unique challenge for how the organization is organized, staffed, positioned, and led to deliver both mission and market relevant outcomes. In addition, due to new and emerging external pressures, nonprofits are being forced to consider new paradigms, which are increasingly more strategic and entrepreneurial, often resulting in conflict 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-Kiely  
6/28-8/06  
**CRN: 3151**

Last add date: 7/01  
Drop dates: refund, 7/05; last, 7/17  
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.

## NANOVIC INSTITUTE FOR EUROPEAN STUDIES

*Director:*

A. James McAdams  
Dept. Tel.: (574) 631-5253

The Nanovic Institute for European Studies is Notre Dame's interdisciplinary home for students and faculty to explore the evolving ideas, cultures, beliefs, and institutions that shape Europe today. It fosters research, sponsors conferences, offers a full range of research and internship grants, and hosts international scholars on campus. The institute also coordinates the Minor in European Studies (MES), open to students in all academic colleges. Designed to reward students who take additional courses about Europe beyond their university and departmental requirements, the MES also connects students to the Institute's European network and encourages original research in the form of a capstone essay. Any student who wishes to study abroad or pursue an international career is encouraged to apply.

**Course Descriptions.** Courses with the MES attribute span all university departments. When registering for a course, look for the MES attribute in the Class Search or contact the MES Coordinator at 631-5123. Write to [nanovic@nd.edu](mailto:nanovic@nd.edu) with any questions.

## THE PHOENIX INSTITUTE

The Phoenix Institute is an international educational organization that seeks to promote a deeper understanding of Western civilization. Since 1991, the institute has held its annual summer program at the University of Notre Dame. The 2010 Notre Dame Summer Seminar for the Study of Western Institutions has been designed to foster a better understanding of the Western intellectual tradition among European, Pan-American, and Asian students. These summer programs bring together students and professors from 14 countries to explore the enduring ideas of Western civilization through the disciplines of political philosophy, philosophical anthropology, ethics, literature, and Law. Additional details about the Phoenix Institute

can be found online at the following Web address: [thephoenixinstitute.org/seminars/seminars\\_notre\\_dame.htm](http://thephoenixinstitute.org/seminars/seminars_notre_dame.htm)

Questions about the Phoenix Institute program at Notre Dame should be directed to the Office of the Registrar by calling 631-7282.

### Heroism Reconsidered

3 credits, Evans

Starting with the heroic quest paradigm that originated with Gilgamesh and Greek mythology, we will explore the attributes and evolution of heroism from ancient to modern times. Because the warrior-heroes of history have often ignored the common good with disastrous consequences, we will look at the various faces of heroism and ask if mankind would profit by loosening the grip that warrior-heroes have on the human imagination. Collaterally, we will explore what can be appropriated from competing models of the hero for personal strength of character, happiness, and humanity's hopes for peace on earth.

Texts: Homer's Iliad (Robert Fagles' translation); Virgil's Aeneid, Book II; the Bible (Moses, David, Jesus); selections from John Milton's Paradise Lost; selections from Early Christian Fathers; war poetry of World War I (Wilfred Owen, "On Passing the Menin Gate" and Siegfried Sassoon, "Dulce et Decorum Est"); World War II war letters from Andrew Carroll's Behind the Lines; Kurt Vonnegut, "Wailing Shall Be In All Streets; Alexandr Solzhenitsyn's One Day in the Life of Ivan Denisovich; Viktor Frankl, Man's Search for Meaning, and Sophie Scholl (film).

### Democracy, War and Empire: Thucydides's History of the Peloponnesian War

3 credits, Lewis

Thucydides's History of the Peloponnesian War is one of the greatest historical narratives ever produced, telling the story of the epic struggle between democratic Athens and oligarchic Sparta and their allies that took place between 431 and 404 BC. But it is much more: along the way Thucydides presents deep analyses of the nature of democracy and other political regimes, the moral hazards of empire, justice among nations, and the causes of war. He penetrates to the roots of political life in human nature. His reflections are thus not only of historical interest but take us to

matters of permanent relevance in human affairs.

### God, Creation, and Human Dignity

3 credits, O'Callaghan

This course will investigate from a philosophical perspective the importance of the doctrine of Creation Ex Nihilo for understanding three significant but related themes in Western thought. First, it will investigate the way in which the doctrine changes the conception of divinity inherited from ancient Greek thought after the appearance of the doctrine in the early history of the Christian church, and its development in the medieval period, particularly in the thought of Thomas Aquinas. And it will consider the loss of that doctrine in modern conceptions of God as a grand designer, in particular in relation to contemporary evolutionary doctrine. Second, it will look at the implications of that doctrine for an understanding of human nature and its dignity in relation to God. In particular it will consider whether the doctrine of Creation Ex Nihilo poses an unacceptable constraint upon human freedom, insofar as it suggests that human beings possess a nature determined for them by God, and such a nature is an obstacle to freedom. How should we think about human freedom, and does God's relation to that nature constrain human freedom or enable it? Finally, in light of the claim of dignity that attends the creaturely status of human beings, it will consider the impact of the doctrine upon our conception of human virtue, and how virtue relates us specifically to God as creator.

## OFFICE OF SPECIAL INSTRUCTIONAL PROJECTS AND ACTIVITIES

### PROJECT UPWARD BOUND

*Director:*

Alyssia J. Coates  
Dept. Tel.: (574) 631-5669

**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: FYC Summer Studio**

0 credit, MacLaughlin

6/21-8/06 MTWR 10:30 AM-11:50 AM

**CRN: 3414**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Students in the First-Year Composition Summer Program also enroll in the Summer Studio, UB 11050, 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 co-requisite of UB 13150.

**UB 13150 01: FYC Summer Seminar**

3 credits, MacLaughlin

6/21-8/06 MTWR 8:55 AM-10:15 AM

**CRN: 3415**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Identical in its aims as First-Year Composition courses offered during the traditional school year, students in UB 13150 learn how to identify an issue amid conflicting points of view. The course stresses argument and aims to develop skills for writing researched essays that incorporate academic and popular sources.

## UNIVERSITY WRITING PROGRAM

*Acting Director:*

John Duffy, Ph.D.

Dept. Tel.: (574) 631-5427

The First-Year Composition Summer Program is designed to help under-prepared or inexperienced writers fulfill Notre Dame's First-Year Composition requirement. The Program has two components, FYC 13150, a traditional 3-credit seminar that fulfills the University's composition requirement, and FYC 11050, an intensive writing lab. Student who enroll in the First-Year Composition Summer Program meet for seven weeks, four days per week.

**FYC 11050 01: First-Year Composition Summer Studio**

0 credit, MacLaughlin

6/21-8/06 MTWR 10:30 AM-11:50 AM

**CRN: 3212**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Students in the First-Year Composition Summer Program also enroll in the Summer Seminar, FYC 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 FYC 13150.

**FYC 13150 01: First-Year Composition Summer Seminar**

3 credits, MacLaughlin

6/21-8/06 MTWR 8:55 AM-10:15 AM

**CRN: 3211**

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14

Description: Identical in its aims, assignments, and grading criteria as first-year composition courses offered during the traditional school year, students in FYC 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.

## AFRICAN AMERICAN SCHOLARS AT NOTRE DAME

### Director:

Joan M. Ball  
Dept. Tel.: (574) 631-0990

Students must submit an online application ([precollege.nd.edu](http://precollege.nd.edu)) by Feb. 15, 2010.

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: Seminar for African American Scholars

1 credit, Davis  
7/19-7/23 MTWRF 9:00 AM-5:00 PM  
CRN: 1141

Last add date: 7/19

CRN: Drop dates: refund, 7/19; last, 7/21  
Note: Students must submit an online application ([precollege.nd.edu](http://precollege.nd.edu)) by Feb. 15, 2010. 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: More than just receiving a world class education, students at the University of Notre Dame are prepared to change the world. As one of 40 young African American scholars hosted at the University of Notre Dame this summer, you will be inspired to use your heart and mind to consider your role as a future leader—while learning more about this special University.

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 Seminar for African American Scholars 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  
6/13-6/25 MTWRF 8:00 AM-5:00 PM  
CRN: 1808

Last add date: 6/13

Drop dates: refund, 6/15; last, 6/19

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. Pieronek  
College of Engineering  
Dept. Tel.: (574) 631-5530

### EG 00100 01: Introduction to Engineering

0 credit, Bualuan  
6/20-7/08 MTWRF 9:00 AM-4:00 PM  
CRN: 3810

Last add date: 6/22

Drop dates: refund, 6/24; last, 6/30

Description: A noncredit course for high school students who have completed the junior year. A survey of the courses of study and career paths in aerospace, chemical, civil, computer, electrical, and mechanical engineering. An introduction to problem solving and computer programming through group projects. Trips to tour local and nearby industries, as examples of various engineering environments, are included. Offered in the first three weeks of the summer session.

### EG 00200 01: Introduction to Engineering

0 credit, Bualuan  
7/11-7/29 MTWRF 9:00 AM-4:00 PM  
CRN: 3811

Last add date: 7/13

Drop dates: refund, 7/15; last, 7/21

Description: The same course content as EG 00100. Offered in the second three weeks of the summer session.

## GLOBAL ISSUES SEMINAR

### Director:

Joan M. Ball  
Dept. Tel.: (574) 631-0990

Students must submit an online application ([precollege.nd.edu](http://precollege.nd.edu)) by Feb. 15, 2010. 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, involvement in extracurricular activities, personal essay, letters of recommendation, and an interest in concerns related to Catholic social thought, justice, and peace.

For further information, contact the Office of Pre-College Programs at (574) 631-0990.

### PCSE 03220 01: Global Issues Seminar

1 credit, Appleby  
7/26-7/30 MTWRF 9:00 AM-5:00 PM  
CRN: 1203

Last add date: 7/05

Drop dates: refund, 7/05; last, 7/07

Note: Students must submit an online application ([precollege.nd.edu](http://precollege.nd.edu)) by Feb. 15, 2010. 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, 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 Catholic 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 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.

## LATINO COMMUNITY LEADERSHIP SEMINAR

*Director:*

Joan M. Ball  
Dept. Tel.: (574) 631-0990

Students must submit an online application ([precollege.nd.edu](http://precollege.nd.edu)) by Feb. 15, 2010. 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: Latino Community Leadership Seminar

1 credit, Brown-Gort  
7/12-7/16 MTWRF 9:00 AM-5:00 PM  
**CRN: 3023**

Last add date: 7/12

Drop dates: refund, 7/12; last, 7/14

Note: Students must submit an online application ([precollege.nd.edu](http://precollege.nd.edu)) by Feb. 15, 2010. 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: The Latino Community Leadership Seminar is an opportunity for 40 outstanding Hispanic students entering their senior year in high school who want to challenge and develop their commitment to the Latino community. This seminar explores the role of Latinos in U.S. society through a series of presentations, discussions, and experiences. Students will examine how their values and experiences interact with political, economic, and social realities to produce new avenues for effective Latino leadership. The seminar is designed to help the students succeed in developing leadership skills that can harness their strong commitment to community service derived from the values of Latino culture and the Catholic social tradition.

The Latino Community Leadership Seminar is hosted by Notre Dame's Institute for Latino Studies and Office of Pre-College Programs. Led by academic director Allert Brown-Gort, along with an impressive group of ND faculty, guest lecturers, and students, the seminar provides a complete Notre Dame experience. Students will stay in campus residence halls and have access to the academic, recreational, and spiritual resources available to ND undergraduates. One college credit will be offered to all participants upon completion of the program.

## SUMMER SCHOLARS

*Director:*

Joan M. Ball  
Dept. Tel. (574) 631-0990  
June 20–July 3, 2010

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 business/entrepreneurship, film, life sciences, literature, policy debate and public speaking, pre-law, psychology, theatre, 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 March 15, 2010. 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](http://precollege.nd.edu).

### PCSE 00212 01: Literature: Faith, Imagination, and Justice

0 credit, Werge  
6/20-7/03 MTWRF 9:00 AM-4:00 PM  
**CRN: 1206**

Last add date: 6/20

Drop dates: refund, 6/22; last, 6/26

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 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, Farris

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 1202**

Last add date: 6/20

CRN: Drop dates: refund, 6/22; last, 6/26

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

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 1142**

Last add date: 6/20

Drop dates: refund, 6/22; last, 6/26

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, Cleveland, O’Brien

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 1131**

Last add date: 6/20

Drop dates: refund, 6/22; last, 6/26

Description: From Capitol Hill to the county 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, Duffy

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 2908**

Last add date: 6/20

Drop dates: refund, 6/22; last, 6/26

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

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 2909**

Last add date: 6/20

Drop dates: refund, 6/22; last, 6/26

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: Summer Scholars Acting**

0 credit, Scott

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 2910**

Last add date: 6/20

CRN: Drop dates: refund, 6/22; last, 6/26

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 resumé, 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

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 3579**

Last add date: 6/20

Drop dates: refund, 6/22; last, 6/26

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 resumé, 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

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 3403**

Last add date: 6/20

Drop dates: refund, 6/22; last, 6/26

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 00221 00: Summer Scholars - Dante's Inferno Instructions for Use**

0 credit, Cachey

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 3897**

Last add date: 6/20

Drop dates: refund, 6/22; last, 6/26

Description: According to an eminent critic "Understanding in the *Inferno* is a process that might be characterized as hyperbolic doubt systematically applied to the values of contemporary society." This may explain the revival of interest in the poem we have witnessed of late. In this track, students will read the *Inferno* in both a scholarly translation by Robert and Jean Hollander, and a brilliant poetic rendering by contemporary Irish poet Ciaran Carson. There will be a special focus on the poem's major episodes in the light of recent debates in the humanities. The seminar will include an up-to-date overview of Dante's life and works and will introduce participants to the rare books and illustrated volumes of the University's spectacular John A. Zahm, C.S.C., Dante Collection.

**PCSE 00222 00: Summer Scholars - China's Transformation; Understanding the New Global Power**

0 credit, Jensen

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 3896**

Last add date: 6/20

CRN: Drop dates: refund, 6/22; last, 6/26

Description: There is no nation more prominent in the spectrum of world economy and politics than the People's Republic of China and this course is designed to offer the student a window from which to observe and better understand this nation and its people. China's Transformation will introduce the student to the complex human geography of China and thereby move beyond its simplistic popular representation in western broadcast and print media. Students will explore such critical issues as environmental degradation, ethnicity, film and literature, the Internet, language, nationalism, news reporting, religion, unemployment and the human costs of the economic boom and learn in the end of the uncanny relevance of China for the United States. Readings from the course text will be coordinated with culture events, guest lectures, films, and museum visits to provide a multidimensional exposure to China today.

### **PCSE 00311 01: Summer Scholars Entrepreneurship**

0 credit, Francis

6/20-7/03 MTWRF 9:00 AM-4:00 PM

**CRN: 1205**

Last add date: 6/20

Drop dates: refund, 6/22; last, 6/26

Description: Recognizing Needs, Finding Opportunities, and Creating Businesses

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, Lewis, Olsen

6/20-7/03 MTWRF 9:00 AM-4:00 PM

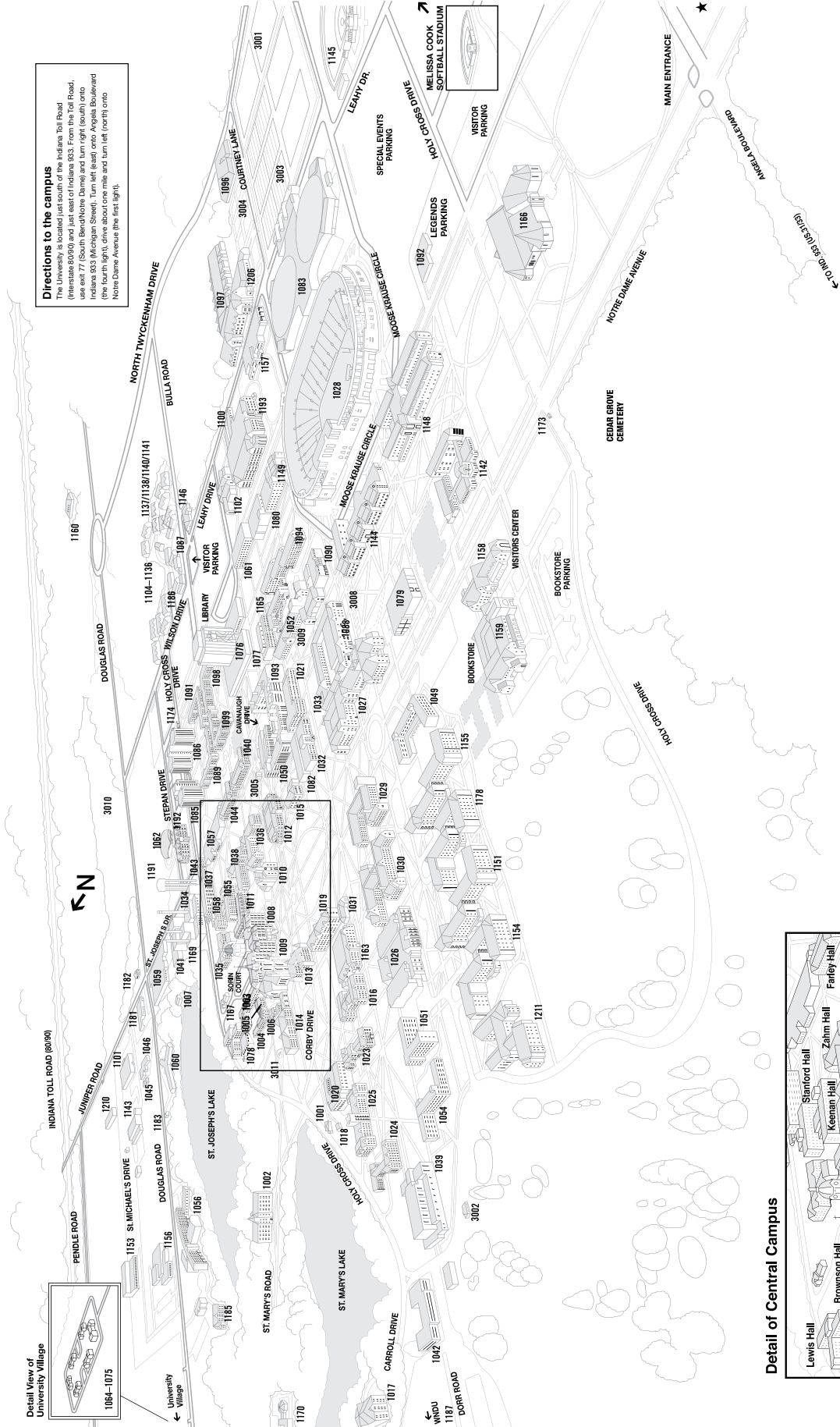
**CRN: 1204**

Last add date: 6/20

Drop dates: refund, 6/22; last, 6/26

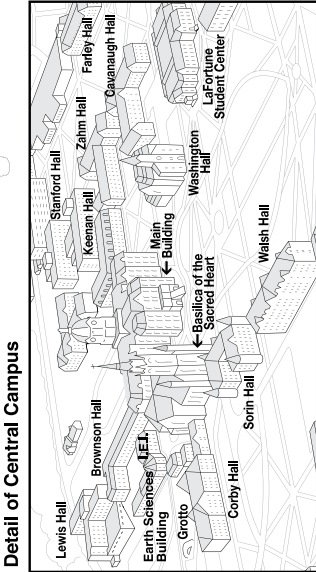
Description: The Life Sciences track will cover two major content areas: Ecology/ Environmental Science and Molecular Genetics of Disease. Topics covered within these areas will highlight both basic research conducted by Notre Dame faculty and the connection of this research to applied fields in industry, 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.





**Directions to the campus**  
 The University is located just south of the Indiana Toll Road (Interstate 69) and just east of Indiana 833. From the Toll Road, use exit 77 (South Bend/Notre Dame) and turn right (south) onto Indiana 833 (Michigan Street). Turn left (east) onto Argyle Boulevard (North Twickenham Drive) and turn left (north) onto Notre Dame Avenue (the first light).

# UNIVERSITY OF NOTRE DAME



**Detail of Central Campus**





Rev. John I. Jenkins,  
C.S.C., D.Phil..



Charles T. Hurley  
III, MSA, M.A..

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PH.D.  
Assistant Dean



**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.

