



BULLETIN OF  
INFORMATION

SUMMER 2008 UNIVERSITY OF NOTRE DAME

# 2008 BULLETIN OF INFORMATION

## UNIVERSITY OF NOTRE DAME SUMMER SESSION

### University of Notre Dame

#### Summer Session

#### Office Hours

8:00 a.m.–noon and 1:00–5:00 p.m.

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### Bulletin of Information

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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 2008

## 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 |    |    |    |    |    |    |

June 16, Monday

Web enrollment on *insideND*. Advance permission required for late enrollment. Specific dates and times for enrollment in workshops, institutes, and short courses will be supplied by respective program directors.

June 17, Tuesday

Classes begin at 8:00 a.m.

June 22, Sunday

Latest date for all class changes without penalty.

July 10, Thursday

Last date to drop a 7-week course that begins in the first week of the summer session (June 17–20).

July 11, Friday

Latest date for master's comprehensive examinations and Ph.D. dissertation defenses for graduation in August 2008.

July 18, Friday

Latest date for applying for admission to candidacy for the doctor's or master's degree to be awarded August 2008.

July 18, Friday

Latest date for presenting completed theses and dissertations in the Graduate School Office for graduation in August 2008.

July 31, Thursday (7-week courses)

Last class day.

August 1, Friday (7-week courses)

Course examinations for all students.

## 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       | 6/17–7/31    |
|                      |            |                     |         |         |             |            |              |
|                      |            |                     |         |         |             |            |              |
|                      |            |                     |         |         |             |            |              |
|                      |            |                     |         |         |             |            |              |
|                      |            |                     |         |         |             |            |              |
|                      |            |                     |         |         |             |            |              |
|                      |            |                     |         |         |             |            |              |
| <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 administration), 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.

## ADMISSION TO THE SUMMER SESSION

Admission to the summer session is a two-step process involving (1) application/course selection (registration) and (2) enrollment at the beginning of classes. Both steps must be completed by each student for every summer session in which the student attends classes, uses University facilities, or receives a graduate degree.

Application and enrollment procedures for both Notre Dame continuing students and non-Notre Dame, summer-only students are described below. Students who wish to apply for a graduate degree program that is pursued only in the summer should also consult the section on the Graduate School in this *Bulletin of Information*.

## 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 2008 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 19 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* 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*.

Instructions for Web registration (course selection) by Notre Dame continuing students will be available on the Web at registrar.nd.edu in early March. Continuing students may "Add or Drop Classes" on *insideND* according to the dates printed with each course.

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

### 2. Non-Notre Dame/Summer Students.

Students who attend Notre Dame only during the summer (i.e., students visiting from other institutions, students pursuing the master of arts degree only in the summer, and persons taking courses for personal enrichment) may use the standard application forms, or they may choose to apply for courses online. The online application is available on the Notre Dame Summer Session website at nd.edu/~sumsess.

Summer-only 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.

Instructions for the Web registration system will be available on the Web at registrar.nd.edu in early March.

**Student Status.** New students seeking the master of arts degree at Notre Dame must apply for admission as degree students.

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, description]. Included in parentheses with each course are lecture hours per week, studio/tutorial/laboratory hours per week, and semester credit hours. In addition, this information and updates can be



viewed by selecting "Class Search" in *insideND* or from the Office of the Registrar home page.

Students should use the entire COURSE ID when completing either the paper or online 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.

#### **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/TSE Services  
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: (609) 771-7500  
E-mail: [toefl@ets.org](mailto:toefl@ets.org)  
Website: [toefl.org](http://toefl.org)

TOEFL/TSE Services will respond to inquiries only by letter.

## **ENROLLMENT**

Enrollment 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 enroll at the beginning of classes using the University's Web enrollment process.

Notre Dame continuing students, and summer-only students who have applied using either the standard summer session paper application/course selection form or the online application form and have received notification of admission, may Web enroll beginning on May 19, 2008. Web enrollment is available on any computer through a Web browser. Summer-only students must first obtain a NetID and password by accessing [accounts.nd.edu/activation](http://accounts.nd.edu/activation).

All students who have a NetID may then Web enroll through *insideND* ([inside.nd.edu](http://inside.nd.edu)) by clicking on the "Student Academic" tab. Then, within the "Registration Tools" channel, click on "Web Enrollment."

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. Enrollment for the Summer Session.**

Students who have registered for courses that begin during the first week of the summer session (June 17–20) must enroll no later than Friday, June 20. Late registration and enrollment 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 enroll using the Web enrollment process. No student will be allowed to register for a course after the “add” date published with the course description.

Any student (Notre Dame continuing or summer-only) who has applied for the summer session using either the standard paper application/course selection form or the online application for courses and has not received official notice of admission, and any student who has not yet applied, must report to the Summer Session office, 111 Earth Sciences Building, before attempting to enroll or pay fees.

### 2. Enrollment for Special/Short Courses.

Students who have registered for courses that begin before or after the first week of the summer session (June 17–20) must Web enroll by the first class day. Students need to enroll only once even if they are taking courses that begin before or after the first week of the summer session.

### 3. Enrollment 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 Web enroll as early as Monday, May 19.

## 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* are not coincident with those in the *Summer Session Bulletin*, the *Undergraduate Bulletin* and *Graduate School Bulletin* will apply during the academic year and the *Summer Session Bulletin* will apply during the summer. (An example of a difference is the maximum course load allowed during a term, which is lower in the summer session because of the intense nature and rapid pace of summer courses). The summer session is an integral part of the University year, and the courses offered in it are similar in character to courses in the regular year. They are governed by the same academic regulations and have the same credit value.

**Course Load and Units of Credit.** The unit

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

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

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

Any credit hours over the maximum must be approved by the associate or assistant dean for academic affairs of the student’s college. Students who register for CHEM 10117–10118, CHEM 20223–20224, PHYS 30210–30220, GE 10101–10102, ROFR 10102–20201, ROIT 10101–10102, ROSP 10101–10102-20201, CLGR 10111, or CLLA 10111 may not take any additional courses at the same time.

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 17–20) may be added after Friday, June 20.

No seven-week course that begins during the first week of the summer session (June 17–20) may be dropped after Thursday, July 10, 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* or from the Office of the Registrar 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 Summer Session office.

Non-Notre Dame summer-only students who have registered using either the standard paper summer session application/course selection form or the online application for courses may change their course selections by contacting the Summer Session office 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 during the enrollment process, students go to the menu and select “Add or Drop Classes” and then select the term “Summer 2008” 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 20, 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 Summer Session office (111 Earth Sciences 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 non-degree 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 Grading System.** Listed below are 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     | Lowest passing grade for graduate students.  |
| C- | 1.667 |  |
| D  | 1     | Lowest passing grade for undergraduate students.   |
| F  | 0     | Failure  |
| F* | 0     | No final grade reported for an individual student.   |
| I  | 0     | Incomplete (reserved for advanced students in advanced studies courses). It is a temporary and unacceptable grade indicating a failure to complete work in a course. The course work must be completed and the "I" changed prior to the beginning of the final examination period of the next semester in which the student is enrolled; otherwise, the "I" grade remains on the transcript and is computed as equivalent to an "F" in calculating averages. |
| X  | 0     | (Reserved for undergraduates.) 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.  |

Grades given but not included in the average are as follows:

|    |  |
|----|--|
| W  | Discontinued with permission. To secure a "W" the student must have the authorization of the dean.   |
| U  | Unsatisfactory work  |
| S  | Satisfactory work  |
| NR | Not reported. Final grade not reported by the instructor because of extenuating circumstances.   |
| V  | Auditor (graduate students only) The grades of "S" and "U" may be used in courses without semester credit hours, as well as in thesis and dissertation research courses, |

seminars and workshops, internships, field education, and skill courses.

There are no pass-fail courses in the summer session.

**Honors at Graduation.** For Notre Dame degree-seeking undergraduate students who entered the University in or after the fall semester of 2001, the following honors-at-graduation regulation will apply: In the undergraduate colleges or schools, degrees will be granted with the highest honors (*summa cum laude*) if 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 students whose grade-point-average ranks among the top 15.000 percent of the student's college or school, degrees will be granted with high honors (*magna cum laude*); for students whose grade-point average ranks among the top 30.000 percent of the student's college or school, degrees will be granted with honors (*cum laude*). Students who meet the requirements of more than one category will be awarded only the highest honor for which they qualify.

**Transcripts** for currently enrolled students can be requested online via *insideND* 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 2008 are as follows:

|  |       |
|--|-------|
| Undergraduate tuition per semester hour              | \$722 |
| Undergraduate tuition for auditing per semester hour | \$722 |
| Graduate tuition per semester hour                   | \$348 |
| Graduate tuition for auditing per semester hour      | \$348 |
| General fee  | \$ 50 |

The general fee pays for administrative processing, admission to lectures and concerts, dispensary service, and medical attention at University Health Services in time of sickness. The general fee does not cover parking privileges, diagnostic tests, medication, X-rays, hospitalization, or special materials in science laboratories or art studios.

**Financial Aid.** Specific details on student aid



## 8 HOUSING, LAUNDRY, AND MEALS

programs are contained in the University's *Undergraduate Bulletin* and *Graduate Bulletin* as well as in a brochure available from the Office of Financial Aid. Ordinarily, assistance is given only to students enrolled in a Notre Dame degree program. There is one exception:

The Graduate School provides a partial tuition scholarship for in-service precollege teachers taking graduate courses in science, mathematics, English, and foreign languages. This scholarship, which is available only during the summer session, pays one-third of tuition up to a maximum of eight credit hours. In 2008, the maximum amount offered is \$928. The summer session general fee is not included.

### HOUSING, LAUNDRY, AND MEALS

A variety of University Food Service meal plans may be purchased using forms provided by the Summer Session office. Students who wish to reserve a room need to apply online. The online application for campus housing is available on the Notre Dame Summer Session website at [nd.edu/~sumsess](http://nd.edu/~sumsess) or at *insideND* under the "Student Resources" tab. 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.** 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 on Sunday, June 15.** 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 2008. Summer session housing includes cable and ResNet 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 \$205 per week  
(graduate students only)

multi-occupancy \$150 per week

#### *Non-air-conditioned residence halls:*

single-occupancy \$150 per week

multi-occupancy \$115 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 e-mail 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 August 1.

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.

**Meals.** Individual meals (breakfast, lunch, and dinner) may be purchased seven days a week at Reckers on the south side of the South Dining Hall and at the Huddle Food Court in the LaFortune Student Center. Breakfast and lunch are available Monday through Friday at Greenfields Café in the Hesburgh Center for International Studies; Café de Grasta, located on the first floor of Grace Hall; and the Common Stock Sandwich Company, on the lower level of the Mendoza College of Business. Visit [food.nd.edu](http://food.nd.edu) for the latest Notre Dame Food Service information.

**Meal Plans.** Prepaid meal plans are available for use in South Dining Hall. A meal plan week starts on Saturday morning and ends Friday after dinner. Unused meals do not carry over to the following week and are nonrefundable. To purchase a meal plan, visit the Card Services Office located on the lower level of the north side of South Dining Hall, (574) 631-7814. Meal plans may be purchased by cash, check (payable to University of Notre Dame), or as a charge to the student's account. The following meal plans may be purchased on a weekly basis (for any number of weeks) for meals beginning May 27 and ending July 31. Note: There will be no dinner meal on Friday, May 30, 2008. Any changes made to an existing meal plan are programmed to begin the next Saturday morning. Any canceled meal plans will be refunded for each full week of unused portions.

**21 Meals per week** (average of 3/day)  
\$140 per week. Full meal plan.

**14 Meals per week** (average of 2/day)  
\$120 per week. Includes any combination of meals.

**10 Meals per week** (average of 2/day M-F)  
\$96 per week. Includes any combination of meals.

**5 Meals per week** (average of 1/day M-F)  
\$50 per week. Includes any combination of meals.

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

|            |         |
|------------|---------|
| Breakfast: | \$6.98  |
| Lunch:     | \$10.38 |
| Dinner:    | \$11.79 |

**Flex Points Blocks.** Students may also purchase Flex Points blocks in \$25 increments.

Purchased Flex Points are nonrefundable and are used to buy meals and food at campus restaurants and eateries by debit through the University ID card. Unused Flex Points expire at the end of the day August 2.

## STUDENT ACCOUNTS

**Payment Regulations.** Student financial accounts must 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 proce-

dures 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 \$41.

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 11 libraries that house most of the books, journals, manuscripts, and other non-book library materials available on the campus. Currently, the collections contain nearly 3.3 million volumes, more than 3 million microform units, more than 5,850 electronic titles, and more than 25,200 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.

The Theodore M. Hesburgh Library, a 14-story structure, serves as the main library, and its collections are of primary interest to the students and faculty of the College of Arts and Letters and the Mendoza College of Business. The tower also contains the University Archives, the Medieval Institute Library with the Frank M. Folsom Ambrosiana Microfilm and Photographic Collection and the Mary K. Davis Drawings Collection, and the Jacques Maritain Center.

The Thomas Mahaffey Jr. Business Information Center, located in the Mendoza College of Business, is an innovative, primarily electronic facility supporting existing and emerging programs and research.

The Kellogg/Kroc Information Center is located in Room 318 of the Hesburgh Center for International Studies and supports its work in international studies.

The Art Slide Library, in 110 O'Shaughnessy Hall, became a branch library in July 2002. The Art Slide Library provides photographic images for teaching, research, student slide presentations, and historical documentation.

The remaining seven libraries were established to meet the teaching and research needs of the

## 10 CENTERS AND INSTITUTES

College of Engineering, the College of Science, the School of Architecture, and the Law School. These libraries generally contain the more recent literature, and the Hesburgh Library retains the older materials. Each branch library provides database searches as well as bibliographic instruction.

The Engineering Library, located on the first floor of the Fitzpatrick Hall of Engineering, has a collection of 59,072 volumes and receives 150 paper journals and about 1,230 e-journals related to engineering.

The Architecture Library, located in Bond Hall, has a collection of more than 32,571 volumes and more than 105 currently received paper journals and 35 e-journals pertaining to various aspects of architecture.

The Chemistry/Physics Library, located in Room 231 of the Nieuwland Science Hall, maintains a collection of 31,900 volumes and currently receives more than 109 paper journals and 544 e-journals in all fields of chemistry and physics.

The Life Sciences Library, located on the first floor of the Paul V. Galvin Life Sciences Center, houses an estimated 24,000 volumes and receives approximately 250 print journals and 875 e-journals in the fields of biology, life sciences, and medicine.

The Mathematics Library, located in Room 001 of the Hayes-Healy Center, has a collection estimated at 51,455 volumes and subscribes to about 140 paper journals and 300 e-journals that deal with all areas of pure mathematics.

The Radiation Chemistry Data Center, located in Room 105 of the Radiation Research Building, has a collection estimated at 4,900 volumes and receives eight paper journals and 24 e-journals in radiation chemistry. It serves many of the information service needs of the radiation chemical community throughout the United States and abroad.

The Kresge Law Library, although located in and administered by the Law School, is available for use by all students, faculty, and staff. It has a collection of more than 634,000 books and microform equivalents of law and law-related material and subscribes to more than 6,835 serial publications.

The University maintains a membership in the Center for Research Libraries, which has access to more than 4 million volumes of materials and 1.5 million microforms important to research. The University Libraries were elected to the Association of Research Libraries in 1962.

For further information about library facilities

and services, call (574) 631-6258, or go to the following website: [library.nd.edu/](http://library.nd.edu/).

### CENTERS AND INSTITUTES

In pursuance of its public service commitment, the University, assisted by various private foundations and federal agencies, maintains many interdisciplinary and specialized research centers and institutes, including the Center for Applied Mathematics; Center for Environmental Science and Technology; Center for Civil and Human Rights; Center for Philosophy of Religion; Charles and Margaret Hall Cushwa Center for the Study of American Catholicism; Environmental Research Center (UNDERC); Erasmus Institute; Institute for Church Life; Institute for Educational Initiatives; Helen Kellogg Institute for International Studies; Keough-Naughton Institute for Irish Studies; Joan B. Kroc Institute for International Peace Studies; LOBUND Laboratory; Jacques Maritain Center; Medieval Institute; Nanovic Institute for European Studies; Radiation Laboratory; Reilly Center for Science, Technology and Values; and Thomas J. White Center for Law and Government.

### 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.

The \$50 general fee paid by all students covers medical services provided by the University Health Center in time of illness/injury. It does not cover diagnostic tests, medication, special procedures, X-rays, or hospitalization.

University Health Center 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.

### UNIVERSITY COUNSELING CENTER

**Counseling Services.** The University

Counseling Center offers professional services to degree-seeking graduate and undergraduate students of the summer session. The center 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 center is staffed by licensed professional psychologists, counselors, a social worker, and doctoral psychology interns who are supervised by psychologists. During the academic year, the center also employs a nutritionist and a consulting psychiatrist.

Professional services are usually by appointment and can be arranged either in person or by telephone, but provision is always made for an emergency. Services at the center 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, arrangements will be made. There is no charge for the initial appointment. The center is open from 9:00 a.m. to 5:00 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: [nd.edu/~ucc/](http://nd.edu/~ucc/).

### 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 director of 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:

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

Bulletins of the various colleges containing admission requirements, programs of courses, and degree requirements will be sent upon request.

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.

**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 eval-

uated, 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 2008 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 course work 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 fol-

## 12 COURSE NUMBERING AND SCHEDULING

lowing 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 course work 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 course work. 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 course work 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 course work 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 should follow the guidelines in the Graduate School's *Guide for Formatting and Submitting Dissertations and Theses*, available on the Graduate School website: [graduateschool.nd.edu/index.html](http://graduateschool.nd.edu/index.html). Follow the *Current Students* link to *Dissertation and Thesis Information*.

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. Students should be cognizant of deadlines for graduation established by the Graduate School and the department. 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 Graduate School's prior 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.

After the readers approve the thesis, the candidate should deliver two clean copies, signed by the thesis director, to the Graduate School office on or before the date specified in the Graduate School calendar. There it will be verified for compliance with the style manual. The candidate then should deliver the verified copies and the Graduate School approval form to the Hesburgh Library, where he or she pays the binding costs.

In addition to fulfilling these Graduate School requirements, students must check with their departments for any additional requirements.

Should a student and adviser decide to microfilm a thesis, information concerning the University Microfilms International 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 X0-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

Time Schedule. The standard class time for seven-week courses in the summer session is as follows:

8:00–9:00 a.m.

9:10–10:10 a.m.

10:20–11:20 a.m.

11:30 a.m.–12:30 p.m.

1:30–2:30 p.m.

2:40–3:40 p.m.

3:50–4:50 p.m.

Variations of the above times may occur.

Consult the Programs of Study section of this *Bulletin* or the appropriate department.

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

Tuesdays are noted with a "T," Thursdays with an "R."



## AEROSPACE AND MECHANICAL ENGINEERING

### Chair:

Stephen M. Batill, Ph.D.  
Dept. Tel. (574) 631-5430

**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 Summer Session office, or from *insideND*.

**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. Undergraduate Research

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # AME 48491

### AME 67099. Special Studies

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # AME 67099

### AME 67663. Advanced M.E.M.E. Project

Variable credits, Renaud (V-V-V)  
**CRN 3258**; ID # AME 67663 01  
Advanced research project for M.E.M.E. degree.

### AME 68691. Thesis Research

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # AME 68691

### AME 68697. Nonresident Thesis Research

1 credit, Staff (0-0-1)  
CRN varies with instructor  
ID # AME 68697

### AME 87891. Visiting Teacher Special Studies

Variable credits, Morris (V-V-V)  
**CRN 3207**; ID # AME 87891 01

### AME 97099. Special Studies

3 credits, Corke (V-V-3)  
**CRN 1252**  
ID # AME 97099  
By permission of instructor.

### AME 98991. Research and Dissertation

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # AME 98991

### AME 98998. Nonresident Dissertation Research

Variable credits, Staff (V-V-1)  
CRN varies with instructor  
ID # AME 98998

## 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.

**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 Summer Session office, or from *insideND*.

### AFST 10401. Introduction to Jazz

(Cross-listed with MUS 10131)  
3 credits, Dwyer (5-0-3)  
8:55–10:15 MTWR 6/17–7/31  
**CRN 3791**; ID # AFST 10401 01  
Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10  
A recommended University elective music appreciation course requiring no musical background and no prerequisites. General coverage of the various elements, styles, and structures of

music. This course will be held in the Band Building.

### AFST 20274. Slavery in the Atlantic World

3 credits, Challenger (5-0-3)  
1:15–3:45 MW 6/17–7/31  
**CRN 3789**; ID # AFST 20274 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

This survey course explores the nature and meaning of the Atlantic world. Covering the 15th century to the 19th century, it interrogates the role of coerced African labor in the birth of the Atlantic world. Created as a consequence of the Columbian encounter, a main focus will be on the ways in which the common historical threat of trans-Atlantic slavery connected the economies, cultures, and societies that bordered the Atlantic Ocean. Thematically, this course explores, in a variety of geographical sites, the varied and nuanced claims to humanity that Afro-descended peoples displayed against the systematic attempts to dehumanize and exploit their bodies. Africans throughout various communities in West Africa, North America, Brazil, and the British Caribbean are the primary focal points of this course.

### AFST 43701. Psychology of Race

(cross-listed with ILS 40601, PSY 43348)  
3 credits, Pope-Davis, Brooks (5-0-3)  
1:15–3:45 TR 6/17–7/31

**CRN 3790**; ID # AFST 43701 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

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.



## 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.

**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 Summer Session office, or from *insideND*.

### AMST 30362. Labor and America since 1945

(Cross-listed with GSC 30309, HIST 30856, IIPS 30922)

3 credits, Graff (3-0-3)

8:55–11:25 TR 6/17–7/31

**CRN 3555**; ID # AFAM 30362 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last 7/10

Enrollment Limit: 2

This course explores the evolving relationships of American workers to politics, the economy, and the wider culture since 1945. The United States emerged from World War II as the strongest global power, and its citizens subsequently enjoyed a long postwar economic boom that created what we might call the first truly middle-class society in world history. At the heart of that new society was the American labor movement, those unions like the United Auto Workers and the United Steel Workers who ensured that at least from of the postwar profits made it into the wallets of workers and their families. Today, however, unions represent only 8 percent of workers in the private sector. What accounts for the decline of organized labor since the 1950s? What has the decline of the labor movement meant for workers specifically, and the American economy and politics more broadly? How and why have popular perceptions of unions changed over time? What has been the relationship of organized labor to the civil rights movement, feminism, and modern conservatism? What is “globalization” and what has been its impact upon American workers? Through an exploration of historical scholarship, memoirs, and Hollywood films, this course will

try to answer these questions. Students interested in politics, economic development, International relations, social justice, human rights, peace studies or mass culture are particularly welcome.

### AMST 30610. Immigration in Global Perspective

(Cross-listed with ANTH 30305, IIPS 30927, SOC 30015)

3 credits, Albahari (3-0-3)

1:15–3:45 TW 6/17–8/1

**CRN 3718**; ID # AMST 30610

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

Enrollment limit: 1

How do people in immigrant-receiving countries shape their attitudes toward immigrants? What are the differences between refugees and other migrants? How is immigration related to urban “immigrant riots?” And what can anthropological studies of borders and national policies tell us about the transnational world in which we live? We will examine these and related questions, and more generally the causes, lived experiences, and consequences of migration. We will acquire a sound understanding of migration in its social, political, legal, and cultural facets. Fieldwork accounts from countries of origin and from the United States, Europe, Australia, and Japan will enable us to appreciate both global and U.S. distinctive trends. Rather than merely learning a collection of facts about immigrants, we will address how migration intersects with gender and class; the mass-media; border enforcement; racism; the economy; territory and identity formation, and religion.

### AMST 45900. Publishing Internship

3 credits, Staff (V-V-3)

**CRN 2965**; ID # AMST 45900

Prior permission of instructor required.

### AMST 45901. Community Service Internship

3 credits, Schmuhl (V-V-3)

**CRN 1015**; ID # AMST 45901

Prior permission of instructor required.

### AMST 45902. Historical Research Internship

3 credits, Schlereth (V-V-3)

**CRN 1016**; ID # AMST 45902

Prior permission of instructor required.

### AMST 45903. News Internship

3 credits, Storin (V-V-3)

**CRN 1017**; ID # AMST 45903

Prior permission of instructor required.

## 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.

**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 Summer Session office, or from *insideND*.

### ANTH 20120. Current Topics in Bioanthropology

3 credits, Fuentes (7-0-3)

10:30–11:55 MTWRF, 6/17–7/21

**CRN 3715**; ID # ANTH 20120 01

Last “add” date: 6/21

“Drop” dates: refund, 6/24; last, 7/5

Enrollment limit: 19

This course explores the latest developments in biological anthropology such as, but not limited to, aggression and cooperation in human and nonhuman primates, population genetics, human diversity, the concept of race, primate evolution and behavior, patterns of adaptation, and evolutionary medicine. Emphasis will be on the role of biological systems and evolutionary theory.

### ANTH 30190. Infancy: Evolution, History and Development

3 credits, McKenna (11-0-3)

8:30–10:15 MTWRF, 6/9–7/4

**CRN 3248**; ID # ANTH 30190 01

Last “add” date: 6/12

“Drop” dates: refund 6/14; last, 6/22

Enrollment limit: 30. 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 compara-

tive background to explore the relationships between infant physiology, mental and physical health, and contemporary infant care-giving concepts. Not open to students who have had ANTH 30194.

### **ANTH 30305. Immigration in Global Perspective**

(Cross-listed with AMST 30610, IIPS 30927, SOC 30015)

3 credits, Albahari (3-0-3)

1:15–3:45 TW 6/17–8/1

**CRN 3716**; ID # ANTH 30305

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

Enrollment limit: 19

How do people in immigrant-receiving countries shape their attitudes toward immigrants? What are the differences between refugees and other migrants? How is immigration related to urban “immigrant riots?” And what can anthropological studies of borders and national policies tell us about the transnational world in which we live? We will examine these and related questions, and more generally, the causes, lived experiences, and consequences of migration. We will acquire a sound understanding of migration in its social, political, legal, and cultural facets. Fieldwork accounts from countries of origin and from the United States, Europe, Australia, and Japan will enable us to appreciate both global and U.S. distinctive trends. Rather than merely learning a collection of facts about immigrants, we will address how migration intersects with gender and class, the mass media, border enforcement, racism, the economy, territory and identity formation, and religion.

### **ANTH 35588/65588. Archaeology Field School**

3 credits, Rotman (0-28-3)

8:30–5:00 MTWR 5/27–6/12

**CRN 3042**; ID # ANTH 35588 01

**CRN 3181**; ID # ANTH 65588 01

Last “add” date: 5/29

“Drop” dates: refund, 5/30; last, 6/5

Enrollment limit: 12. Three weeks of practical instruction in the methods and theory of archaeological survey, excavation, and laboratory analysis. Students learn field techniques and apply them to investigations of both prehistoric and historic archaeological materials by working with artifacts collected during the field course. In addition to the basic archaeological techniques, the class will introduce modern remote sensing methods, including lessons on how to use a total station (laser transit) and equipment for magnetic and resistivity surveys.

Student teams will learn how to operate the geophysical survey instruments and will use the instruments to conduct geomagnetic and soil resistivity surveys of a portion of the archaeological site. The student teams and the instructor will then develop theories about the types of 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 \$195 laboratory/transportation fee.

### **ANTH 45818 /65818. NSF/REU Summer Biocultural Research Program**

(Cross-listed with THEO 48801/68201)

6 credits, Sheridan (7-28-6)

10:00 a.m.–6:00 p.m. MTWRF 6/2–7/11

**CRN 3015**; ID # ANTH 45818 01

**CRN 3016**; ID # ANTH 65818 01

Last “add” date: 6/6

“Drop” dates: refund, 6/10; last, 6/22

Enrollment limit: 10. Permission of instructor required. 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.

For further information contact:

Prof. Susan Sheridan

642 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).

### **ANTH 45855. Archaeology and Material Culture**

3 credits, Rotman (8-12-3)

9:00–4:00 MTWR 6/16–7/3

**CRN 3513**; ID # ANTH 45855 01

Last “add” date: 6/18

“Drop” dates: refund, 6/20; last, 6/26

This will be an archaeology lab class that will provide an activity-based setting to explore the meanings and interpretations of archaeological artifacts. It will provide an in-depth introduction to basic laboratory methods for the organization, curation, and analysis of artifacts such as pottery, stone tools, metals, soil samples, and floral and faunal remains. Lab exercises will introduce course concepts that students will use to analyze a small collection of artifacts from an archaeological site, housed in the Reyniers Building. By the end of the semester, students will present the results of a team project based on one class or materials from the collections.

### **ANTH 46100. Directed Readings—Biological Anthropology**

Variable credits, McKenna (V-V-V)

**CRN 1219**; ID # ANTH 46100

Permission of instructor required.

### **ANTH 48100. Directed Research—Biological Anthropology**

Variable credits, McKenna (V-V-V)

**CRN 1014**; ID # ANTH 48100

Permission of instructor required.

### **ANTH 48120. Directed Research—Sleep Laboratory**

Variable credits, McKenna (V-V-V)

**CRN 1026**; ID # ANTH 48120

Permission of instructor required.

### **ANTH 48500. Directed Research—Archaeology**

Variable credits, Schurr (V-V-V)

**CRN 2344**; ID # ANTH 48500

Permission of instructor required.

## ARCHITECTURE

Dean:

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

**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 Summer Session office, or from *insideND*.

### ARCH 01110. Career Discovery in Architecture at Notre Dame

0 credits, Bullene, DeFrees, Stamper (V-V-0)  
8:00 a.m.–5:00 p.m. MTWRF 6/15–6/27

**CRN 1911**; ID # ARCH 01110 01

Last "add" date: 6/16

"Drop" dates: refund, 6/18; last, 6/22

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.

### ARCH 54113. Summer Program at the Tuscan Classical Academy—Tuscany

3 credits, Mayernik (3-0-3)

9:00 a.m.–6:00 p.m. p.m. MTWRF 7/24–8/13

**CRN 3120**; ID # ARCH 54113 01

Last "add" date: 7/26

"Drop" dates: refund, 7/28; last, 8/4

Taught in Tuscany.

The course will center primarily on the architecture of Florence in the 14th and 15th centuries. It will focus on three themes: (1) the history and theory of Florentine humanism; (2) Tuscan classical architecture and its regional variants; and (3) drawing and painting of landscapes and buildings.

### ARCH 61011. Introduction to Architecture Representation

0 credits, Mayernik, Economakis (V-V-0)

9:00 a.m.–5:00 p.m. MTWRF 8/1–8/22

**CRN 3234**; ID # ARCH 61011

Last "add" date: 8/3

"Drop" dates: refund, 8/5; last, 8/12

Course for incoming architecture graduate students.

## 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.

**Course Descriptions.** The following course descriptions give the number and title of each course. Lecture hours per week, studio 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 Summer Session office, or from *insideND*.

### ART HISTORY COURSES

#### ARHI 30350. Survey of Italian Baroque Art: From Caravaggio to Tiepolo

3 credits, Coleman (5-0-3)

10:30–11:50 MTWR 6/17–7/31

**CRN 3515**; ID # ARHI 30350 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

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 the Enlightenment. From Northern Italy came Caravaggio and the Carracci, artists who were responsible for creating a new style based on 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 66572. Directed Readings in Art History

Variable credits, Pyne (V-V-V)

**CRN 2493**; ID # ARHI 66572

Independent study in art history.

Permission of chair required.

#### ARHI 67571. Special Studies

Variable credits, Pyne (V-V-V)

**CRN 1005**; ID # ARHI 67571

#### ARHI 68573. Thesis Direction

Variable credits, Pyne (V-V-V)

**CRN 1910**; ID # ARHI 68573

#### ARHI 68574. Nonresident Thesis Research

1 credit, Pyne (0-0-1)

**CRN 1909**; ID # ARHI 68574

### ART DESIGN COURSES

#### DESN 41106. Web Page Design

3 credits, Sherman (5-0-3)

8:55–11:25 MW 6/17–7/31

**CRN 3282**; ID # DESN 41106 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Enrollment limit 12

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 also be covered. Experience with Macintosh graphics programs needed. Work outside of class is expected.

**DESN 47371. Special Studies Internship**

Variable credits, Doordan (V-V-V)

**CRN 3283**; ID # DESN 47371

**DESN 67371. Special Studies**

1 credit, Down (V-V-1)

**CRN 3419**; ID # DESN 67371

This course provides an opportunity for the design student to earn credit at an approved design office. Independent study in design: research or creative projects. Open to upper-level/graduate students with permission of the instructor.

**STUDIO COURSES****ARST 11201. Drawing I**

3 credits, Brown (0-3-3)

10:30–12:40 MTWRF 6/17–7/31

**CRN 3746**; ID # ARST 11201 01

Last "add" date: 6/22

"Drop" dates: refund 6/26; last, 7/10

Enrollment limit: 16

Laboratory fee: \$30

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.

**ARST 21101. Ceramics I**

3 credits, Brubacher (11-0-3)

6:30–8:40 p.m. MTWRF 6/17–7/31

**CRN 3747**; ID # ARST 21101 01

Last "add" date: 6/23

"Drop" dates: refund 6/27; last, 7/11

Enrollment limit: 15

Laboratory fee: \$50

This course examines basic techniques of wheel-thrown and hand-built clay structures for sculpture and pottery.

**ARST 21401. Photography I**

3 credits, Cunningham (11-0-3)

10:30–12:40 MTWRF 6/17–7/31

**CRN 3516**; ID # ARST 21401 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Enrollment limit: 16

Laboratory fee: \$50

This course is an introduction to the tools, materials, and processes of black-and-white photography. Lectures and demonstrations expose students to both traditional and contemporary practices in photography. Critiques of ongoing work encourage students to begin discovering and developing their individual strengths and interests in the medium. A 35mm camera with manual shutter speed and "F" stop is needed.

**ARST 21604. Metal Sculpture I**

3 credits, Krueger (5-0-3)

6:30–8:40 p.m. MTWRF 6/17–7/31

**CRN 3517**; ID # ARST 21604 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Metal is the medium of choice in this course designed to explore three-dimensional design with a variety of projects grounded in historical precedents. Students become familiar with as many metalworking techniques as time and safety allow, such as gas and arc welding; basic forge work; and several methods of piercing, cutting, and alternative joinery.

**ARST 47771. Special Studies**

Variable credits, Flaniga (V-V-V)

**CRN 2494**; ID # ARST 47771

**ARST 61104. Ceramics-Studio**

3 credits, Brubacher (11-0-3)

6:30–8:40 p.m. MTWRF 6/17–7/31

**CRN 3748**; ID # ARST 61104 01

Last "add" date: 6/22

"Drop" dates: refund 6/26; last, 7/10

Enrollment limit: 1

Laboratory fee: \$50

Studio projects and research in ceramics

**ARST 67171. Special Studies—Ceramics**

Variable credits, Brubacher (V-V-V)

6:30 p.m.–8:40 p.m. MTWRF 6/17–7/31

**CRN 3230**; ID # ARST 67171 01

Last "Add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

**ARST 67671. Special Studies—Sculpture**

Varies with instructor, Collins (V-V-V)

**CRN 3229**; ID # 67671

**ARST 67771. Special Studies**

Variable credits, Dibble(V-V-V)

**CRN 2495**; ID # ARST 67771

**ARST 78706. Nonresident Thesis Research**

1 credit, Staff (0-0-1)

**CRN 1344**; ID # ARST 78706

**ARST 78707. Research and Dissertation**

Variable credits, Dibble (V-V-V)

**CRN 2494**; ID # ARST 78707

This course does not count toward a degree, but is used to maintain matriculation after course work has been completed and until the thesis project has been completed.

**ARST 78708. Directed Readings**

Variable credits, Dibble(V-V-V)

**CRN 2496**; ID # ARST 78708

Independent study in art history or studio.

Permission of chair required.

**ARTS AND LETTERS  
NONDEPARTMENTAL**

Associate Dean:

Stuart Greene, Ph.D.

Dept. Tel.: (574) 631-8636

**AL 27001. Visiting Scholar Studies**

0 credits, Akai (0-V-0)

**CRN 3797**; ID # AL 27001

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.

**CSEM 23101. Perfect God, Imperfect World: The Problem of Evil**

3 credits, Major (3-0-3)

10:30–11:45 MTRF 6/17–7/31

**CRN 3530**; ID # CSEM 23101 0

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

The College Seminar is a unique, one-semester course experience shared by all sophomores majoring in the College of Arts and Letters. The course offers students an introduction to the diversity and distinctive focus of Arts and Letters at the University of Notre Dame. Specific sections of the College Seminar vary in their topics and texts, but all feature an interdisciplinary approach, commitment to engaging important questions, employment of major works, and emphasis on the development of oral skills. Every College Seminar syllabus includes works that approach the topic from the perspective of each of the three divisions of the college: the arts, humanities, and social sciences. This particular section, titled Perfect God, Perfect World: The Problem of Evil, will address the following: If you could ask God only one question, what would it be? According to a recent survey, most people would ask, "Why is there so much pain and suffering in the world?" If God is all-good, all-knowing, and all-powerful, how does one explain the existence of moral and natural evil in the world? This course will explore the "Problem of Evil" as treated in theology, philosophy, psychology, literature, and the arts. The course will include readings from scripture, Plato, Aristotle, Augustine, Aquinas, C.G. Jung, C.S. Lewis, Dorothy L. Sayers, Elie Wiesel, and others. Participants will be encouraged not only to examine how this question has been treated, but also to derive a personal position on the nature of evil, its presence in everyday life, and how best to respond to it.

## BIOLOGICAL SCIENCES

### Chair:

Charles F. Kulpa Jr., Ph.D.  
Dept. Tel. (574) 631-6552

**Course Descriptions.** The following course descriptions give the number and title of each course. Lecture hours per week, laboratory 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 Summer Session office, or from *insideND*.

### BIOS 10107. Ecology and Environmental Issues

3 credits, Olsen (5-0-3)  
10:30–11:50 MTWR 6/17–7/31  
**CRN 1027**; ID # BIOS 10107 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Lecture and class discussion focus on critical thinking in science; evolution and biodiversity; and principles of population, community, aquatic, and ecosystem ecology in order to prepare students for further exploration (employing a highly collaborative format) of many of today's environmental problems, causes, and possible solutions. The course concludes with peer group presentations on student-chosen environmental issues. Possible topics can range from conservation biology, deforestation, and forest management; resource use (food, mineral, and soil resources) and sustainability to anthropogenic impacts on environmental quality and human health (acidic deposition, global warming, ozone loss, drinking water contamination, and eutrophication). There will be two hour-long examinations and a cumulative final examination. Students will prepare a thought question set, a review paper, and a class presentation.

### BIOS 35502. Practicum in Environmental Field Biology I

6 credits, Belovsky (V-V-6)  
5/23–7/29

**CRN 3291**; ID # BIOS 35502 01

Last "add" date: 5/30

"Drop" dates: refund, 6/6; last, 6/26

Enrollment limit: 32

This course is designed to give the student practical laboratory and field experience in ecological studies in the northwoods of the Upper Peninsula of Michigan at Notre Dame's environmental research center. The 10-week learning experience consists of one-week modules on forest ecology, aquatic ecology, insect

ecology, herpetology, and bird and mammal ecology, and each student conducts an independent research project over the remaining five weeks. Each student is provided with a \$2,500 stipend, tuition, and expenses. For further information, write:

Prof. Gary Belovsky  
Department of Biological Sciences  
Notre Dame, IN 46556

### BIOS 35503. Practicum in Environmental Field Biology II

6 credits, Belovsky (V-V-6)  
6/13–8/15

**CRN 3292**; ID # BIOS 35503 01

Last "add" date: 6/19

"Drop" dates: refund, 6/26; last, 7/15

Enrollment limit: 8 students who have taken BIOS 35502 the previous summer.

This course is designed to give the student advanced practical laboratory and field 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. Each student is provided with a \$2,500 stipend, tuition, and expenses. For further information, write:

Prof. Gary Belovsky  
Department of Biological Sciences  
Notre Dame, IN 46556

### BIOS 35504. Practicum in Environmental Field Biology III

6 credits, Belovsky (V-V-6)

Dates: 6/17–7/31

**CRN 3460**; ID # BIOS 35504 01

Enrollment limit: 24 students who have taken BIOS 35502.

Taught in Puerto Rico.

It is an opportunity to take field classes and conduct an independent research project in University of Puerto Rico programs at the El Verde (rain forest) or Mayaquez (marine) field stations. Participation in this program requires students to have first taken the Practicum in Environmental Field Biology I at "UNDERC East" (BIOS 35502).

### BIOS 38499. Molecular and Cellular Biology Research and Design Laboratory—Section 1

2 credits, Veselik (2-2-0)

9:00 a.m.–noon, MTWR 6/17–7/3

**CRN 3799**; ID # BIOS 38499 01

Last "add" date: 6/19

"Drop" dates: refund, 6/20; last, 6/26

*Prerequisites:* (BIOS 10161 or BIOS 20201) and (CHEM 10172 or 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 a science credit. It satisfies one of the six 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 38499. Molecular and Cellular Biology Research and Design Laboratory—Section 2

2 credits, Veselik (0-2-0)

9:00 a.m.–noon, MTWR 7/14–7/31

**CRN 3784**; ID #BIOS 38499 02

Last "add" date: 7/16

"Drop" dates: refund, 7/18; last, 7/23

*Prerequisites:* (BIOS 10161 or BIOS 20201) and (CHEM 10172 or 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 a science credit. It satisfies one of the six 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. Directed Readings**

Variable credits, Grimstad(V-V-V)  
**CRN 2381**; ID # BIOS 46497

*Prerequisite:* Permission of the instructor and director of undergraduate studies, Prof. Paul Grimstad.

This course provides the opportunity for independent study through readings on specific topics in biological sciences. Readings are chosen with the advice of the supervising instructor.

#### **BIOS 48499. Undergraduate Research**

Variable credits, Grimstad (V-V-V)  
**CRN 1123**; ID # BIOS 48499

*Prerequisite:* Permission of the instructor and director of undergraduate studies, Prof. Paul Grimstad.

#### **BIOS 60522. GLOBES: Environmental Molecular Genome**

3 credits; Feder (V-V-3)  
CRN 3527; ID # BIOS 60522 01

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 60523. Practicum in Environmental Biology**

3 credits, Lamberti (V-V-2)  
8:00 a.m.–5:00 p.m., MTWRF 7/25–8/1

**CRN 1178**; ID # BIOS 60523 01

Last "add" date: 7/25

"Drop" dates: refund, 7/26; last, 7/27

Taught at UNDERC, Land O'Lakes, Michigan Practical principles and applications of environmental biology are explored with intensive modules selected from among environmental chemistry, biogeochemistry, environmental microbiology, ecological genetics, limnology/wetlands ecology, and river/watershed science. Emphasis will be placed on developing and refining laboratory and field skills. Prior permission of instructor required.

#### **BIOS 68599. Thesis Direction**

Variable credits, Lamberti (V-V-V)  
**CRN 1906**; ID # BIOS 68599

Course Director: Prof. Gary Lamberti  
For graduate students in the master's research program only.

#### **BIOS 77672. Special Problems**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # BIOS 77672

Course Director: Prof. Gary Lamberti

*Prerequisite:* Approval of the instructor.

For graduate students who wish to study special topics in a particular field of interest.

#### **BIOS 88600. Nonresident Thesis Research**

1 credit, Lamberti (0-0-1)  
**CRN 1907**; ID # BIOS 88600

#### **BIOS 98699. Research and Dissertation**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # BIOS 98699

For graduate students in the doctoral research program only. Three to 18 hours of laboratory research per week.

#### **BIOS 98700. Nonresident Dissertation Research**

**CRN 1904**; ID # BIOS 98700

Course Director: Prof. Gary Lamberti

For graduate students in the research program who plan to complete work for their degree in the current summer session.

## BUSINESS NONDEPARTMENTAL

*Coordinator:*

Samuel S. Gaglio, M.A.

Dept. Tel.: (574) 631-6602

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

#### **ACCT 20100. Accountancy I**

3 credits, Hums (5-0-3)  
8:55–10:15 MTWR 6/17–7/31

**CRN 1903**; ID # ACCT 20100 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

*Prerequisite:* None

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 non-cash resources, the accounting for selling and manufacturing activities, and the information needs of multiple owners, lenders, and equity-holders. A prerequisite of all accountancy and finance courses. Ordinarily taken by business sophomores in the fall. Also offered to non-business students. Recommended University elective.

#### **ACCT 20200. Accountancy II**

3 credits, Rivera (5-0-3)

8:55–10:15 MTWR 6/17–7/31

**CRN 1179**; ID # ACCT 20200 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

*Prerequisite:* ACCT 20100.

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, participative budgeting, monitoring, and control and intrafirm contracts. Introduction to not-for-profit entities, attestation, and taxation. Ordinarily taken by business sophomores in the spring. Also offered to nonbusiness students who have taken the prerequisite.

#### **BACM 30440. Business Communication**

3 credits, Staff (3-0-3)

1:15–3:45 TR 6/17–7/31

**CRN 3447**; ID # BACM 30440 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; Last, 7/10

This course focuses on writing and speaking and interpersonal skills that managers need to solve everyday communication problems. Topics include employment communication, researching business information, business briefings, informative presentations, and persuasive speaking. A case method approach to writing instruction asks students to solve authentic problems within the context of a business by writing for varied audiences, including executives, customers, employees, shareholders, the press, and the public.

#### **BALW 20150. Business Law: Contracts and Agency**

3 credits, J. O'Brien (5-0-3)

11:45–1:05 MTWR 6/17–7/31

**CRN 3137**; ID # BALW 20150 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Enrollment limit: 40

*Prerequisite:* None.

This course examines the background of the legal process and the judicial system, torts, contracts, and the Uniform Commercial Code and agency law.

## 22 CHEMICAL AND BIOMOLECULAR ENGINEERING

### **BAMG 20100. Statistics in Business**

3 credits, Chang (5-0-3)

1:15–3:45 MW 6/17–7/31

**CRN 3125**; ID # BAMG 20100 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Enrollment limit: 40

*Prerequisite:* Three hours of calculus.

Descriptive and inferential statistic techniques in analysis of data, statistic inference, and decision making. Study includes central tendency, probability, hypothesis testing, analysis of variance, regression, and correlation.

### **BAUG 30237. Seminar on European Union**

3 credits, J. Sheridan (30-0-3)

1:00–4:00 Su, 6/8

8:30–4:00 MTWR 6/9–6/12

**CRN 3119**; ID # BAUG 30237 01

Last "add" date: 6/9

"Drop" dates: refund, 6/9; last, 6/11

Taught 1:00–4:00 6/10; all other days

8:30–11:30 and 1:00–4:00

This session will look at the history on how and why the European Union came into existence, its structure, and its policy competencies. It will include Policy Making in the European Union, The Single Market in Goods and Services, The Single Market in Capital and Labor, and Competition and Trade Policy.

### **FIN 20150. Corporate Financial Management**

3 credits, Lanser (5-0-3)

10:30–1:00 TR 6/17–7/31

**CRN 1180**; ID # FIN 20150 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Enrollment limit: 35

*Prerequisite:* ACCT 20100.

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

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. Managerial Economics**

3 credits, Leady (5-0-3)

1:15–3:45 TR 6/17–7/31

**CRN 1215**; ID # FIN 30210 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Enrollment limit: 35

*Prerequisites:* BA 20100 and any ECON class.

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. Macroeconomics Analysis**

3 credits, Stiver (5-0-3)

1:15–3:45 MW 6/17–7/31

**CRN 1916**; ID # FIN 30220 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Enrollment limit: 35

*Prerequisites:* BA 20100 and any ECON class

The course addresses topics including the goals of economic policy, national income accounting, theory of income determination, and the determination and behavior of economic aggregates, such as total output and the price level.

### **MARK 20100. Principles of Marketing**

3 credits, Drevs (5-0-3)

8:50–10:15 MTWRF 6/28–7/22

**CRN 1482**; ID # MARK 20100 01

Last "add" date: 6/23

"Drop" dates: refund, 6/28; last, 7/7

*Prerequisite:* ECON 10010 or 20010

Open to all students in the college. This is 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 20200. Principles of Management**

3 credits, Vecchio (5-0-3)

1:15–3:45 TR 6/17–7/31

**CRN 3250**; ID # MGT 20200 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Enrollment limit: 20

*Prerequisite:* None.

A study of the management process, including planning, organizing, staffing, directing, and controlling. Emphasis is on executive leadership, organizational behavior and management theory.

### **MGT 20600. IT Management and Applications**

3 credits, Ghiaseddin (5-0-3)

8:55–11:25 MWF 6/21–8/1

**CRN 2382**; ID # MGT 20600 01

Last "add" date: 6/24

"Drop" dates: refund, 6/27; last, 7/6

Enrollment limit: 40

*Prerequisite:* None.

Basic programming will be developed to enable the student to use the computer for problem solving and decision making in related areas.

Use of TSO and the employment of computer subroutine packages will be developed.

## CHEMICAL AND BIOMOLECULAR ENGINEERING

*Chair:*

Mark J. McCready, Ph.D.

Dept. Tel.: (574) 631-7146

**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 Summer Session office, or from the Registrar.

**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. Internship Experience**

Variable credits, McCready (V-V-V)

**CRN 1010**; ID # CBE 45490

Chemical engineering undergraduate students only with permission of their advisor.

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

### **CBE 48901. Undergraduate Research**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CBE 48901

*Prerequisite:* Approval of chair.

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. Nonresident Thesis Research**

1 credit, Staff (0-0-1)

CRN varies with instructor

ID # CBE 58991

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

### **CBE 66697. Directed Readings**

Variable credits, McCready (V-V-V)

**CRN 1007**; ID # CBE 66697

**CBE 67690. Internship Experience**

Variable credits, McCready (V-V-V)

**CRN 1172**; ID # CBE 67690

Chemical engineering graduate students only with permission of their advisor. Intended to facilitate interactions between Notre Dame and industry by allowing students to get credit for internship experience.

**CBE 68801. Thesis Direction**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CBE 68801

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

**CBE 68901. Research and Dissertation**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CBE 68901

Research and dissertation for resident doctoral students.

**CBE 68991. Nonresident Dissertation Research**

1 credit, Staff (0-0-1)

CRN varies with instructor

ID # CBE 68991

## CHEMISTRY AND BIOCHEMISTRY

*Chair:*

A. Graham Lappin, Ph.D.

*Associate Chair:*

Gregory V. Hartland, Ph.D.

*Assistant Chair:*

William C. Boggess Jr., Ph.D.

Dept. Tel.: (574) 631-7058

**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 Summer Session office, or from *insideND*.

**CHEM 10172. Organic Structure and Reactivity**

4 credits, Alonso (10-0-4)

10:20–12:15 MTWRF, 5/27–6/27

**CRN 3730**; ID # CHEM 10172 01

Last "add" date: 5/30

"Drop" dates: refund, 6/2; last, 6/12

*Prerequisite:* One year of general (freshman)

chemistry or CHEM 10171 or CHEM 10121.

Exam Day: 8:30–10:00 F, 5/27–6/27

This class is the first semester of a two-semester organic chemistry sequence intended for students in biological sciences, chemical engineering, and preprofessional studies. It is accompanied by laboratory and tutorial work. 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.

**CHEM 11172. Structure and Reactivity Laboratory**

0 credits, Alonso, Peterson (0–6–0)

1:30–5:00 MW, 5/27–6/27

**CRN 3731**; ID # CHEM 11172-01

Last "add" date: 5/30

"Drop" dates: refund, 6/2; last, 6/12

*Corequisite:* CHEM 10172

Experimental work to accompany CHEM 10172. In addition to tuition, this course requires payment of a \$50 laboratory fee.

**CHEM 12172. Structure and Reactivity Tutorial**

0 Credits, Alonso (0–0–0)

Time and day to be determined, 5/27–6/27

**CRN 3732**; ID # CHEM 12172-01

Last "add" dates: 5/30

"Drop" dates: refund, 6/2; last, 6/12

*Corequisite:* CHEM 10172

Tutorial that accompanies CHEM 10172.

Focuses on problem solving in small groups.

**CHEM 20273. Organic Reactions and Applications**

3 credits, Alonso (10-0-3)

10:20–12:15 MTWRF, 6/30–8/1

Exam Day 8:30–10:00 F, 6/30–8/1

**CRN 3733**; ID # CHEM 20273-01

Last "add" date: 7/3

"Drop" dates: refund: 7/7; last: 7/17

*Prerequisite:* CHEM 10172 or CHEM 10182.

*Corequisite:* CHEM 21273.

A second semester covering the basic principles of organic chemistry, including structures, 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 biological sciences, chemical engineering, and preprofessional majors.

**CHEM 21273. Reactions and Applications Lab**

1 credit, Alonso and Goodenough-Lashua (0–6–1)

1:30–5:00 MW, 6/30–8/1

**CRN 3734**; ID # CHEM 21273-01

Last "add" date: 7/3

"Drop" dates: refund 7/7; last: 7/17

*Corequisite:* CHEM 20273.

Experiments to accompany CHEM 20273

In addition to tuition, this course requires payment of a \$50 laboratory fee.

**CHEM 46497. Directed Readings**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CHEM 46497

**CHEM 48498. Undergraduate Research**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CHEM 48498

**CHEM 78599. Thesis Direction**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CHEM 78599

**CHEM 90697. Directed Readings**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CHEM 90697

**CHEM 98698. Research and Dissertation**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CHEM 98698

**CHEM 98700. Nonresident Dissertation Research**

1 credit, Staff (0-0-1)

CRN varies with instructor

ID # CHEM 98700



## CIVIL ENGINEERING AND GEOLOGICAL SCIENCES

### Chair:

Peter Burns, Ph.D.  
Dept. Tel.: (574) 631-5380

**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 Summer Session office, or from *insideND*.

**General Prerequisite.** Non-Notre Dame students taking courses other than CE 100A and CE 100B for credit must provide transcripts from colleges and universities they have attended or are now attending.

### CIVIL ENGINEERING COURSES

#### CE 47600. Special Studies

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # CE 47600

#### CE 48600. Undergraduate Research

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # CE 48600

#### CE 67600. Special Studies

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # CE 67600

#### CE 68600. Thesis Direction

Variable credits, Burns (V-V-V)  
CRN 1841; ID # CE 68600

#### CE 68610. Nonresident Thesis Research

1 credit, Burns (0-0-1)  
CRN 1840; ID # CE 68610

#### CE 78600. Research and Dissertation

Variable credits, Burns (V-V-V)  
CRN 1839; ID # CE 78600

#### CE 78610. Nonresident Dissertation Research

1 credit, Burns (0-0-1)  
CRN 1838; ID # CE 78610

#### CE 87200. Visiting Teachers

Variable credits, Staff (V-V-V)  
CRN 3294; ID # CE 87200

### GEOLOGICAL SCIENCES COURSES

#### ENVG 48600. Undergraduate Research

Variable credits, Fein (V-V-V)  
CRN 1175; ID # ENVG 48600  
*Prerequisite:* Permission of the chair of the student's department and chair of the Civil Engineering and Geological Sciences Department.  
Research in collaboration with members of faculty.

## 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, Hebrew, Syriac, and Arabic. 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.

**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.

### GREEK

#### CLGR 10111/60111. Intensive Beginning Greek

3 credits, Banta (20-0-3)  
9:30–11:30 MTWRF 6/17–7/31  
CRN 3029; ID # CLGR 10111 01  
CRN 3030; ID # CLGR 60111 01  
Last "add" date: 6/22  
"Drop" dates: refund, 6/26; last, 7/10  
Also meets at 12:30–2:30 MTWRF 6/17–7/31.  
This accelerated course provides an introduction to ancient classical Greek for beginners. It

emphasizes the fundamentals of Greek grammar and vocabulary, and prepares students to read original Greek texts. Students who complete the course are eligible to proceed to the intermediate level of study.

This course may be taken as a special studies for six credit hours.

#### CLGR 60112. Intensive Beginning Greek

0 credits, Banta (20-0-0)  
9:30–11:30 MTWRF 6/17–7/31  
CRN 3031; ID # CLGR 60112 01  
Last "add" date: 6/22  
"Drop" dates: refund, 6/26; last, 7/10  
Also meets at 12:30–2:30 MTWRF 6/17–7/31.  
This accelerated course provides an introduction to ancient classical Greek for beginners. It emphasizes the fundamentals of Greek grammar and vocabulary, and prepares students to read original Greek texts. Students who complete the course are eligible to proceed to the intermediate level of study.

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

#### CLGR 20103/60103. Intermediate Greek

3 credits, Rowe (12-0-3)  
8:55–11:50 MTWR 6/17–7/31  
CRN 3034; ID # CLGR 20103 01  
CRN 3105; ID # CLGR 60103 01  
Last "add" date: 6/22  
"Drop" dates: refund, 6/26; last, 7/10  
*Prerequisite:* CLGR 10002, 60002, CLGR 10111, 60111, or equivalent.  
This course combines a review of basic classical Greek grammar with careful reading of such Greek authors as Homer and Plato. 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.

This course may be taken as a special studies for five credit hours.

#### CLGR 60104. Intermediate Greek

0 credits, Rowe (12-0-0)  
8:55–11:50 MTWR 6/17–7/31  
CRN 3106; ID # CLGR 60104 01  
Last "add" date: 6/22  
"Drop" dates: refund, 6/26; last, 7/10  
*Prerequisite:* CLGR 10002, 60002, CLGR 10111, 60111, or equivalent.  
This course combines a review of basic classical Greek grammar with careful reading of such Greek authors as Homer and Plato. 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.

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

#### **CLGR 47001. Special Studies, Greek**

Variable credits, Banta (V-V-V)

**CRN 1224**; ID # CLGR 47001

#### **CLGR 67001. Special Studies, Greek**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CLGR 67001

### LATIN

#### **CLLA 10111/60111. Intensive Beginning Latin**

3 credits, Ladouceur (20-0-3)

9:30–11:30 MTWRF 6/17–7/31

**CRN 3709**; ID # CLLA 10111 01

**CRN 3710**; ID # CLLA 60111 01

Last "add" date: 6/22

"Drop" dates: refund 6/26; last, 7/10

Also meets at 12:30–2:30 MTWRF 6/17–7/31

This accelerated course provides an introduction to the Latin language for beginners. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. Students who complete the course are eligible to proceed to the intermediate level of study.

This course may be taken as a special studies for six credit hours.

#### **CLLA 60112. Intensive Beginning Latin**

0 credits, Ladouceur (20-0-0)

9:30–1:00 MTWRF 6/17–7/31

**CRN 2987**; ID # CLLA 60112 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

This accelerated course provides an introduction to the Latin language for beginners. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. Students who complete the course are eligible to proceed to the intermediate level of study.

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

#### **CLLA 20103/60103. Intermediate Latin**

3 credits, Perett (12-0-3)

9:00–noon MTWR 6/17–7/31

**CRN 3711**; ID # CLLA 20103 01

**CRN 3712**; ID # CLLA 60103 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

*Prerequisite:* CLLA 10002, 60002, CLLA 10111, 60111, or equivalent.

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 60104. Intermediate Latin**

0 credits, Perett (12-0-0)

9:00–noon MTWR 6/17–7/31

**CRN 3713**; ID # CLLA 60104 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

*Prerequisite:* CLLA 10002, 60002, CLLA 10111, 60111, or the equivalent.

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.

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

#### **CLLA 47001. Special Studies, Latin**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CLLA 47001

#### **CLLA 67001. Special Studies, Latin**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CLLA 67001

### MEDIEVAL LATIN

#### **CLLA 40116. Medieval Latin**

(Cross-listed with MI 40004/60004)

3 credits, Mantello (6-0-3)

10:30 a.m.–12:25 p.m. MWF 6/17–7/31

**CRN 2991**; ID # CLLA 40116 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

CLLA 40116 is an introduction to the Latin language and literature of the late antique and medieval periods (ca. A.D. 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 also 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. (\$45 materials fee.)

#### **CLLA 40118. Paleography**

(Cross-listed with MI 60005)

3 credits, Mantello (6-0-3)

2:30–4:25 MWF 6/17–7/31

**CRN 2981**; ID # CLLA 40118 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

*Prerequisite:* Both elementary and intermediate classical Latin or the equivalent, taken recently for college credit, or CLLA 40116 or equivalent. 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. (\$45 materials fee.)

**SYRIAC****CLSS 10111/60111. Introduction to Syriac Grammar**

3 credits, Saadi (10-0-3)

12:15–2:35 MTWRF 6/17–7/8

**CRN 3006**; ID # CLSS 10111 01**CRN 3008**; ID # CLSS 60111 01

Last "add" date: 6/19

"Drop" dates: refund, 6/21; last, 6/28

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*, supplemented with a specially developed course packet, and J.H. Eaton's *Horizons in Semitic Languages*.

**CLSS 60112. Introduction to Syriac Grammar**

0 credits, Saadi (10-0-0)

12:15–2:35 MTWRF 6/17–7/8

**CRN 3007**; ID # CLSS 60112 01

Last "add" date: 6/19

"Drop" dates: refund, 6/21; last, 6/28

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*, supplemented with a specially developed course packet, and J.H. Eaton's *Horizons in Semitic Languages*. This course is taught during the summer.

This course is identical to CLSS 10111, but carries no credit. Notre Dame graduate students should register under this number unless they wish to receive course credit. Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours' tuition.

**CLSS 10115/60115. Introduction to Syriac Reading**

3 credits, Saadi (10-0-3)

12:15–2:35 MTWRF 7/9–7/30

**CRN 3009**; ID # CLSS 10115 01**CRN 3011**; ID # CLSS 60115 01

Last "add" date: 7/11

"Drop" dates: refund, 7/13; last, 7/20

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 be taken immediately following CLSS 10111.

**CLSS 60116. Introduction to Syriac Reading**

0 credits, Saadi (10-0-0)

12:15–2:35 MTWRF 7/9–7/30

**CRN 3010**; ID # CLSS 60116 01

Last "add" date: 7/11

"Drop" dates: refund, 7/13; last, 7/20

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 be taken immediately following CLSS 10111.

This course is identical to CLSS 10115, but carries no credit. Notre Dame graduate students should register under this number unless they wish to receive course credit. Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours' tuition.

**ARABIC****MEAR 10101/60801. Introduction to Modern Standard Arabic**

3 credits, Saadi (12-0-3)

8:00–10:20 MTWRF 6/21–8/5

**CRN 3012**; ID # MEAR 10101 01**CRN 3013**; ID # MEAR 60801 01

Last "add" date: 6/26

"Drop" dates: refund, 6/30; last, 7/14

This intensive summer course is a basic introduction to all aspects of the Arabic language through a comprehensive and integrated method. The focus is on language proficiency in all areas of the language including speaking, reading, and writing. The course also introduces students to aspects of Arabic culture and everyday life in the Middle East. No prerequisite.

**MEAR 47001. Special Studies, Arabic**

Variable credits, Saadi (V-V-V)

ID # MEAR 47001

**MEAR 60901. Introduction to Modern Standard Arabic**

0 credits, Saadi (12-0-0)

8:00–10:20 MTWRF 6/21–8/5

**CRN 3014**; ID # MEAR 60901 01

Last "add" date: 6/26

"Drop" dates: refund, 6/30; last, 7/14

This intensive summer course is a basic introduction to all aspects of the Arabic language through a comprehensive and integrated method. The focus is on language proficiency in all areas of the language including speaking, reading, and writing. The course also introduces students to aspects of Arabic culture and everyday life in the Middle East. No prerequisite.

Identical to MEAR 10101 but carries no credit.

Notre Dame graduate students should register under this number unless they wish to receive course credit. Non-Notre Dame graduate students and all undergraduate students will be charged the equivalent of three credit-hours' tuition.

**MEAR 67001. Special Studies, Arabic**

Variable credits, Saadi (V-V-V)

**CRN 1170**; ID # MEAR 67001**COMPUTER APPLICATIONS***Coordinator:*

Charles R. Crowell, Ph.D.

Dept. Tel. (574) 631-7615

**The Program of Studies.** The computer applications sequence is designed specifically for arts and letters students and 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.

**Course Descriptions.** The following course descriptions give the number and title of each course. Lecture hours per week, laboratory 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 Summer Session office, or from *insideND*.

**CAPP 30380. Web Development: XHTML and JavaScript**

3 credits, Barger (5-0-3)

8:55 a.m.-10:15 a.m. MTWR 6/17–7/31

**CRN 3786** ID # CAPP 30380 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

Students will study materials necessary to construct and maintain World Wide Web pages. They will learn the basics of the Hypertext Markup Language (HTML), a scripting language

for formatting Web pages. They will also learn Java, a secure object-oriented language that can be used for stand-alone applications or for applets that provide client-side processing within Web pages. In the Java section, the course will concentrate on scripts. Learning activities will be done online. These activities will include laboratory assignments, a Web page project, and HTML and Java examinations. The object of the course is not to produce expert-level programmers in HTML and Java, but to provide a basic level of skills in these languages so that graduates of the course will be able to work knowledgeable with future clients, corporate analysts, and professional programmers.

#### CAPP 45565. Internship

3 credits, Berzai (V-V-3)

CRN 2507; ID # CAPP 45565

Permission of instructor required.

This 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. Special Studies

Variable credits, Berzai (V-V-V)

ID # CAPP 47567

Individually designed course work between a student and the advisor in his/her first major or in the Computer Applications Program constitute a special topic. This involves working with a faculty member, ND department, or an outside firm to do either programming or working with multimedia software.

## COMPUTER SCIENCE AND ENGINEERING

Chair:

Kevin W. Bowyer, Ph.D.

Dept. Tel.: (574) 631-8320

**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 Summer Session office, or from *insideND*.

**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 20232/67732. C/C++ Programming

3 credits, Bualuan (5-0-3)

11:45–12:50 MTWRF 6/17–7/31

CRN 3040; ID # CSE 20232 01

CRN 3526; ID # CSE 67732 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Top-down analysis, structured programming, and a discussion of the Unix operating system. Basic analysis of algorithms, algorithm development, implementation and debugging, and testing of programs. Students will write several programs in the "C++" language to learn the concepts that are taught and to acquire experience in solving problems.

#### CSE 30331. Data Structures

3 credits, Staff (5-0-3)

10:30–11:35 MTWRF 6/17–7/31

CRN 3459; ID # CSE 30331 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

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. Special Studies

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CSE 47900

#### CSE 48900. Undergraduate Research

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CSE 48900

#### CSE 67900. Special Studies

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CSE 67900

#### CSE 68900. Thesis Direction

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CSE 68900

#### CSE 68905. Nonresident Thesis Research

1 credit, Staff (0-0-1)

CRN varies with instructor

ID # CSE 68905

#### CSE 77900. Special Studies

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CSE 77900

#### CSE 98900. Research and Dissertation

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # CSE 98900

#### CSE 98995. Nonresident Dissertation Research

1 credit, Staff (0-0-1)

CRN varies with instructor

ID # CSE 98995

## 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.

**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 Summer Session office, or from *insideND*.

#### ECON 47495. Senior Honors Essay

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # ECON 47495

#### ECON 47498. Special Studies

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # ECON 47498

#### ECON 60000. Graduate Mathematics Review

0 credit, Gresik, Rath (20-0-0)

9:30–noon and 2:00–4:30 MTWR 8/18–8/22

CRN 3416; ID # ECOE 60000 01

Last "add" date: 8/19

"Drop" dates: refund, 8/19; last, 8/21

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 constraint, linear algebra, and concave and convex functions. By permission only.

**ECON 73901. Nonresident Dissertation Research**

1 credit, Staff (0-0-1)  
CRN varies with instructor  
ID # ECON 73901

**ECON 76911. Directed Readings**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # ECON 76911

**ECON 77911. Special Topics**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # ECON 77911

**ECON 77951. Thesis Direction**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # ECON 77951

**ECON 77951. Research and Dissertation**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # ECON 77951

## ECONOMICS AND POLICY STUDIES

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*Chair:*

Jennifer Warlick, Ph.D.  
Dept. Tel.: (574) 631-6335

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

**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 Summer Session office, or from *insideND*.

**ECON 10010/20010. Principles of Micro Economics**

3 credits, Basu (5-0-3)  
10:30 a.m.–12:25 p.m. MWF 6/17–7/31  
**CRN 3117**; ID # ECON 10010 01

**CRN 3116**; ID # ECON 20010 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

An introduction to economics with particular attention to the pricing mechanism, competitive and monopolistic markets, government regulation of the economy, labor-management relations and programs, income determination and public policy, and foreign trade and the international economy.

**ECON 47960. Senior Honors Essay**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # ECON 47495

**ECON 47950. Special Studies**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # ECON 47498

## ELECTRICAL ENGINEERING

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*Chair:*

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

**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 Summer Session office, or from *insideND*.

**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. Special Studies**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # EE 47498

**EE 48499. Undergraduate Research**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # EE 48499

**EE 66597. Directed Readings**

Variable credits, Antsaklis (V-V-V)  
**CRN 1023**; ID # EE 66597

**EE 67001. Special Studies**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # EE 67001

**EE 68599. Thesis Direction**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # EE 68599

**EE 87061. Summer RET**

Variable credits, Staff (V-V-V)  
CRN varies with instructor

**EE 87698. Special Studies**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # EE 87698

**EE 88600. Nonresident Thesis Direction**

1 credit, Staff (0-0-1)  
CRN varies with instructor  
ID # EE 88600

**EE 88699. Research and Dissertation**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # EE 88699

**EE 88700. Nonresident Dissertation Research**

1 credit, Huang (0-0-1)  
**CRN 2089**; ID # EE 88700

## ENGINEERING NONDEPARTMENTAL

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*Director of Academic Affairs:*

Catherine F. Pieronek  
College of Engineering  
Dept. Tel.: (574) 631-5530

**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.

**EG 00100. Introduction to Engineering**

0 credits, Bualuan (V-V-0)  
6/15–7/3

**CRN 1391**; ID # EG 00100 01

Last "add" date: 6/17

"Drop" dates: refund, 6/19; last, 6/25

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. Introduction to Engineering

0 credits, Bualuan (V-V-0)  
7/8–7/26

CRN 1390; ID # EG 00200 01

Last "add" date: 7/8

"Drop" dates: refund, 7/10; last, 7/16

The same course content as EG 00100.

Offered in the second three weeks of the summer session.

### CBE 34310. Global Sustainability—London

3 credits, Wolf  
6/26–7/31

CRN 3741; ID # CBE 34310 01

The course examines the growing need for addressing "sustainability" as a parameter in the practice of engineering. The course begins with an introduction of the origin of resources on earth and the 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. Human population models are then studied in relation to available resources. These included the study of land and agriculture in relation to food and water resources, non-renewable resources, energy, and capital.

### EG 44421. Integrated Engineering and Business Fundamentals—London

3 credits, Brauer, Dunn (10-0-3)  
6/24–8/3

CRN 3128; ID # EG 44421 01

Taught in London.

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.

Weekly required field trips are taken to visit engineering centers and projects such as the Thames Flood Barrier, Sellafield Nuclear Fuel

Reprocessing Plant, Astrium, and Immarsat Satellite Control Center.

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  
Tel.: (574) 631-2950

### EG 48999. Research Experience for Undergraduates

0 credits, Staff (V-V-V)  
ID # EG 45498

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.

## ENGLISH

Chair:

Katherine O'Brien-O'Keeffe, 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.

**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 Summer Session office, or from *insideND*.

### ENGL 20108. Test and Image in Literature

3 credits, Montgomery (3-0-3)  
8:55–11:25 TR 6/17–7/31

CRN 3719; ENGL 20708 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

This course has three objectives. First, the course will help you to think critically about issues related to race and ethnicity in American society. These issues include the meaning of race and ethnicity; the extent of racial and ethnic inequality in the United States, the nature of racism, discrimination, and racial stereotyping; the pros and cons of affirmative action; the development of racial identity; differences between assimilation, amalgamation, and multiculturalism; and social and individual change with respect to race relations. The second objective is to foster a dialogue between you and other students about racist and ethnocentric attitudes and actions. The third objective is to encourage you to explore your own racial and ethnic identity and to understand how this identity reflects and shapes your life experiences.

### ENGL 20215. Introduction to Shakespeare

3 credits, Martin (5-0-3)  
1:15–3:45 MW 6/17–7/30

CRN 3138; ID # ENGL 20215 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

This course introduces students to a wide variety of forms and themes in Shakespeare's plays as well as to the plays' context, conventions, and performance history.

In Shakespeare's plays, the social and personal relationships that hold society together are often severely tested by conflicting loyalties, individual desires, and external pressures. Using a variety of critical approaches, we will explore these and other related themes in Shakespeare's comedies (*A Midsummer Night's Dream*, *Much Ado About Nothing*, *Twelfth Night*), histories (*Henry the Fifth*), tragedies (*Romeo and Juliet*, *Hamlet*, *Macbeth*), and romances (*The Tempest*).

Care will be taken to give the plays a cultural and literary context, and particular emphasis will be placed on the plays' nature as scripts for the stage and, more recently, film. We will study both the historical circumstances under which they were first produced, as well as current trends. There will be required videos for most of the plays under discussion, several essays, and a midterm and final examination.

**ENGL 40210. ND Shakespeare Festival Young Company Program**

(Cross-listed with FTT 40001)

3 Credits, Jay Skelton (3-0-3)

10:00–4:00 MTWRF 6/17–7/31

**CRN 3757**; ID # ENGL 40210 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

A unique team-taught course, to which students are admitted by permission of instructor only. Enrolled students will receive a financial stipend and a summer housing allowance. Every student in this course will receive training leading to active roles in all aspects of the Notre Dame Shakespeare Festival. The course is unlike most English or theatre courses in that it is taught from both “theatrical” and “literary” perspectives. In practice we do not wish to separate “Shakespeare in the Study” from “Shakespeare in the Theater.” By “Shakespeare in the Study” we mean close attention to the historical, literary, and social contexts of the texts utilized for the Young Company and Mainstage productions, along with the analysis of text, themes, conventions. We include the stage history of these playtexts, noting how productions of each century reflect current critical and scholarly thinking. By “Shakespeare in the Theater” we refer to instruction in the crafts of directors, designers, theater technicians, and actors as related to the season productions. Topics include speaking Shakespeare’s verse, movement on stage, voice, and stage combat. After the initial segment of the course, the “classroom” will be the theater. Instruction is shared by artistic director, director, and selected professional actors.

**ENGL 40701. The American Novel**

3 credits, Werge (5-0-3)

11:50–1:10 MTWRF 6/17–7/31

**CRN 1389**; ID # ENGL 40701 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

Enrollment limit: 15

A study of selected American novels with special attention to their forms, cultural contexts, religious and philosophical concerns, and relationships to the promise and trials of the American democratic vision. Readings will be selected from the following: Hawthorne, *The Scarlet Letter*; Melville, *Moby Dick* or *Billy Budd*; Stowe, *Uncle Tom’s Cabin*; Twain, *Adventures of Huckleberry Finn*; Wharton, *Ethan Frome*; Fitzgerald, *The Great Gatsby*; Hurston, *Their Eyes Were Watching God*; Agee, *A Death in the Family*; Steinbeck, *The Grapes of Wrath*; Hemingway, *The Old Man and the Sea*; O’Connor, *The Violent Bear It Away*; Maclean, *A*

*River Runs Through It*. We will supplement these readings with brief selections from Lincoln, Douglass, and others.

**ENGL 47999. Special Studies**

Variable credits, Hall (V-V-V)

**CRN 1003**. ID # ENGL 47999

All students register under Prof. Benedict, regardless of who the instructor will be. Students must have permission from the instructor before registering.

**ENGL 90110. English for Non-Native Speakers**

3 credits, Deane-Moran (5-0-3)

11:30–1:00 MTWRF 6/17–7/31

**CRN 1203**; ID # ENGL 90110 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

Enrollment limit: 15

This course is designed to improve written, and primarily, spoken English of non-native speakers at the intermediate level, with a specific goal of increasing communication skills for teaching, research and discussion purposes. Mastery of English pronunciation, vocabulary, idiomatic expression, and sentence structure will be the focus.

Emphasis will be placed on learning to command clear and accurate spoken English for the purpose of classroom instruction and participation. To this end, we will stress phonology, stress placement, intonation, juncture, accent, tempo, general pronunciation, linguistic posture and poise (kinesics), conversational diction, presentation of material, handling questions, and other matters of instruction related to language arts.

Active and continued verbal participation will be required. There will be quizzes and worksheet assignments in and out of class, as well as oral presentation.

The main textbook will be *Manual of American English Pronunciation*. Fourth Edition. Clifford H. Prator and Betty Wallace Robinett. Holt, Rinehart, and Winston, 1985. ISBN 0-03-000703-8. An additional recommended text is *Two-Word Verbs in English*. J.N. Hook, Harcourt Brace Jovanovich, Inc., 1981. ISBN 0-15-592506-7.

**ENGL 90534. British and Irish Modernism**

3 credits, Smyth (3-0-3)

1:10–2:05 MWF 6/17–7/31

**CRN 3599**; ID # ENGL 90534 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

This course will cover the main writers and themes of British and Irish literary modernism

from c. 1914 to c. 1939. While we will be reading some of the more familiar “English” modernists—Lawrence, Eliot, Woolf, Forster—we will also be paying attention to developments during this period in Ireland, Scotland, and Wales, particularly in the realm of what we might call “vernacular modernisms.” We will look at some work by Scots Hugh MacDiarmid and Lewis Grassic Gibbon; Welsh writers Caradoc Evans and Dylan Thomas; and, with some Joyce and Yeats, we will read Patrick Kavanagh and Flann O’Brien. Given the condensed nature of this summer course, I will expect students to similarly intensify their reading, so that the material is read well ahead of time. Participation in discussion; demonstration of close-reading ability; a final paper of 15 pages—these will constitute the grading criteria for this course.

**ENGL 94513. Republics and Empires**

(Cross-listed with IRST 64099)

3 credits, Deane, Gibbons, O’Buachalla, Whelan (20-0-3)

1:00–6:00 TWRF 6/26–7/13

**CRN 3104** ID # ENGL 94513 01

Last “add” date:

“Drop” dates : refund,; last,

The theme for the Irish Seminar 2008 is Republics and Empires. The seminar is interdisciplinary, open to all faculty and graduate students in Irish studies, and cross-listed with the Department of English. Graduate students opting to take the Irish Seminar for three credits will be assessed on the basis of participation. While a guaranteed number of places will be reserved for University of Notre Dame, Trinity College, and University College Dublin students, all applicants will be assessed on the basis of their academic record and recommendations.

Participants will have unprecedented access to the finest scholars in Irish studies during daily closed sessions with program faculty.

The aims of the Irish Seminar include the creation of a cosmopolitan community of young scholars: the 18th-century Republic of Letter reconfigured for the 21st century. It provides an intellectual infrastructure for scholarly collaboration, balancing the theoretically rich with the empirically rigorous. It adopts a flexible pluralization of approaches, less constrained by the firmness of institutional boundaries and disciplinary consolidation. It is self-reflexive about professional and intellectual formation, while seeking to generate a supportive environment which nurtures the intellectual poise and confidence of young scholars.

**ENGL 96001. Directed Readings**

Variable credits, Hammill (V-V-V)

**CRN 1155**; ID # ENGL 96001

All students register under Prof. Hammill, regardless of who the instructor will be. Students must have permission from the instructor before registering.

**ENGL 97001. Special Studies**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # ENGL 97001

Student must have permission from the instructor before registering.

**ENGL 98000. Nonresident Thesis Research**

1 credit, Hammill (0-0-1)

**CRN 1936**; ID # ENGL 98000

All students register under Prof. Hammill, regardless of who the instructor will be. Students must have permission from the instructor before registering.

**ENGL 98001. Thesis Direction**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # ENGL 98001

Student must have permission from the instructor before registering.

**ENGL 98600. Nonresident Dissertation Research**

Variable credits, Hammill (0-0-V)

**CRN 1156**; ID # ENGL 98600

All students register under Prof. Hammill, regardless of who the instructor will be. Students must have permission from the instructor before registering.

**ENGL 98601. Research and Dissertation**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # ENGL 98601

Student must have permission from the instructor before registering.

**FILM, TELEVISION, AND THEATRE**

*Acting Chair:*

James M. Collins, Ph.D.  
Dept. Tel. (574) 631-7054

**The Program of Studies.** The Department of Film, Television, and Theatre offers a summer program designed to meet the needs of undergraduates enrolled during the regular academic year who wish to supplement their work. It

also welcomes students enrolled at other institutions who seek academic credit at Notre Dame. Graduate students may register for graduate credit by selecting the 50000-level course number attached to 30000- and 40000-level advanced undergraduate courses.

**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.

**LECTURE AND INDEPENDENT STUDY COURSES**

**FTT 20102. Basics of Film and Television**

3 credits, Collins (5-0-3)

10:30–11:35 MTWRF 6/17–7/31

**CRN 3111**; ID # FTT 20102 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

The goal of this course is to introduce students to the critical analysis of visual storytelling. This summer we will be concentrating on films and television programs that have acquired cult status. We will investigate how certain texts have gained this notoriety by examining them as works of art and as products of an entertainment industry. Features titles include *Casablanca*, *Citizen Kane*, *Run Lola Run*, *Goodfellas*, *Swingers*, and *The Sopranos*. This course is equivalent to FTT 10101/20101.

**FTT 30405/50505. Introduction to Film and Video Production**

3 credits, Mandell (5-V-3)

1:15–3:45 TR 6/17–7/31

**CRN 3112**; ID # FTT 30405 01

**CRN 3114**; ID # FTT 50505 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

An introductory course in the fundamentals of writing, shooting, editing, and lighting for film and video narrative productions. This is a hands-on course emphasizing creativity and 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 projects, selected readings, and a final exam. This course is equivalent to FTT 30410/50404.

**FTT 40441/50530. Contemporary Hollywood**

3 credits, Collins (5-0-3)

11:45–12:50 MTWRF 6/17–7/31

**CRN 3113**; ID # FTT 40441 01

**CRN 3002**; ID # FTT 50530 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

This course will focus on Hollywood since 1975 and will trace the evolution of both the megablockbuster and “independent” filmmaking. The primary concern will be those directors whose work exemplifies the diversity of current American film—Tarantino, Lynch, Burton, Scorsese, Lee, and Jarmusch. This course is equivalent to FTT 478/578 or FTT 40435/50530. (No prerequisite.)

**FTT 40491/50591. Entertainment and Arts Law**

3 credits, Wilson (5-0-3)

6:30–9:00 p.m. MW 6/17–7/31

**CRN 3635**; ID # FTT 40491 01

**CRN 3636**; ID # FTT 50591 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

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 45501. Media Internship**

Variable credits, Heisler (V-V-V)

**CRN 1167**; ID # FTT 45501

Prior permission of instructor required.

Students who successfully complete at least two of the following courses, FTT 30462, FTT 30410 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 in the summer session or in the academic year. Interns must work 10–15 hours per week and compile 120 hours by the end of the summer session (150 hours in the fall or spring semester.) Interns will complete a project, midterm progress report, and a final evaluation paper. Students can take no more than two 45501 internships for a total of no more than three credits. This DOES NOT



count as a film/TV upper-level course. 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.

#### FTT 47603. Special Studies

Variable credits, Skelton (V-V-V)

CRN 3485; ID # FTT 47603

Research for the advanced student. By permission of the sponsoring professor.

#### SHAKESPEARE FESTIVAL YOUNG COMPANY PROGRAM

##### FTT 40001. ND Shakespeare Festival Young Company Program

(Cross-listed with ENGL 40210)

3 Credits, Skelton (3-0-3)

10:00–4:00 MTWRF 6/17–7/31

CRN 3758; ID # FTT 40001 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

A unique team-taught course, to which students are admitted by permission of instructor only. Enrolled students will receive a financial stipend and a summer housing allowance. Every student in this course will receive training leading to active roles in all aspects of the Notre Dame Shakespeare Festival. The course is unlike most English or theatre courses in that it is taught from both "theatrical" and "literary" perspectives. In practice we do not wish to separate "Shakespeare in the Study" from "Shakespeare in the Theater." By "Shakespeare in the Study," we mean close attention to the historical, literary, and social contexts of the texts utilized for the Young Company and Mainstage productions, along with the analysis of text, themes, and conventions. We include the stage history of these playtexts, noting how productions of each century reflect current critical and scholarly thinking. By "Shakespeare in the Theater" we refer to instruction in the crafts of directors, designers, theater technicians, and actors as related to the season productions. Topics include speaking Shakespeare's verse, movement on stage, voice, and stage combat. After the initial segment of the course, the "classroom" will be the theater. Instruction is shared by artistic director, director, and selected professional actors.

## GERMAN AND RUSSIAN LANGUAGES AND LITERATURES

Chair:

David W. Gasperetti, Ph.D.

Dept. Tel.: (574) 631-5572

**The Program of Studies.** The Department of German and Russian 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 who enroll in the summer to begin the study of German.

A graduate reading course in German is 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.

**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 Summer Session office, or from *insideND*.

#### GE 60500. German Graduate Reading

0 credits, Poelzler-Kamatali (5-0-0)

ID # GE 60500

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

Designed to prepare students for the Graduate Reading Examination. No prerequisites. Open to undergraduate students by permission of the department chair.

#### GE 94902. The Creation of the Modern Humanities in German Idealism

(Cross-listed with PHIL 74102)

3 credits, Hösle (5-0-3)

MTWRF, 7/7–7/25

CRN 3788; ID # GE 94902

Last "add" date: 7/8

"Drop" dates: refund, 7/11 last, 7/17

Enrollment limit: 15

We will read seminal texts by Friedrich Schlegel, Friedrich Schleiermacher, G.W.F. Hegel, and F.W.J. Schelling, which led to a fundamental revolution in how we understand and practice the humanities. We will deal both with theoretical presuppositions of hermeneutics and aesthetics and analyze concrete interpretations of Greek and Indian myths and literary and philosophical texts.

## HISTORY

Acting Chair:

James Turner, 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.

**Course Descriptions.** The following course descriptions give the number and title of each course. Lecture hours per week, studio 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 Summer Session office, or from *insideND*.

#### HIST 30281. Taking Heaven by Storm: Holy Knights, Militant Monks, and Violence in the Middle Ages

(Cross-listed with MI 30288)

3 credits, Molvarec (3-0-3)

3:15–5:10 MWR, 6/17–7/31

CRN 3754; ID # HIST 30281 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last 7/9

Enrollment Limit: 10

This course explores the development of monastic and chivalric impulses in Medieval Europe from A.D. 400 to 1500. Two of the most persistent images, even to this day, which represent the Middle Ages are that of the monk and the knight. Monasteries and knighthood were social institutions that significantly shaped societal sensibilities and culture in the West. From the beginning of the Middle Ages, monastic groups and knightly orders took pages from one another's book. Their influence upon one another is seen in monks who came to think of themselves as spiritual warriors and in some knights who came to consider themselves military monks. Rhetorical and physical violence was employed by both knights and monks throughout the period, and instances of this will be examined.

In addition to considering the historical realities of monastic and knightly mentalities during the medieval era, this course will also look at representations of monks and knights from the Middle Ages until the 20th century in art, literature, and film. Such images are instructive in

consideration of not only the periods that produced them, but of the Middle Ages themselves. Students interested in religious or military history, films, Umberto Eco's *The Name of the Rose*, or other representations of the Middle Ages in popular culture, are especially welcome.

#### **HIST 30441. Famine, Poverty, and Violence and Nineteenth-Century Ireland**

3 credits, Grimsley-Smith (3-0-3)

10:30 a.m.–12:25 p.m. MWF, 6/17–7/31

**CRN 3755**; ID # HIST 30441 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last 7/9

Enrollment Limit: 10

This course explores Ireland in the 19th century. Central to this exploration is the mid-century famine, which by starvation, disease, and emigration reduced the Irish population by half and resulted in extraordinary political and social changes, some of which have only recently begun to be obliterated from contemporary Irish memory. The course will focus on the persistent problem of governance of a disordered and often violent society from both British and Irish perspectives. Special attention will be paid to attempts at democratization in a quasi-colonial political environment, as well as the creation and adaptation of institutions such as jails, workhouses, and lunatic asylums to handle the unrelenting and interrelated scourges of poverty and social disorders.

#### **HIST 30475. Twentieth-Century Russia: War and Revolution**

3 credits, Brennan (3-0-3)

1:15–2:35 MTWR, 6/17–7/31

**CRN 3756**; ID # HIST 30475 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last 7/10

Enrollment Limit: 10

This course explores Russian history from the coronation of the last Tsar of Russia, Nicholas II in 1894, to the fall of communism in 1991. The key events of Russian history in the 20th century, such as the revolutions of 1905 and 1917, the Russian Civil War, the imposition of Leninism and Stalinism, the Second World War, the Soviet Empire in Eastern Europe and the Cold War, the Khrushchev "thaw," the experience of Neo-Stalinism from 1964 to 1985, glasnost and perestroika under Gorbachev, and finally the end of the Soviet Union will be examined in detail. Particular attention will be paid to a number of key issues, such as the reasons for the collapse of the tsarist regime, the Bolshevik seizure of power, the origins of Stalinism, the role of political ideology in the Soviet state, the attempts at reform of the communist system under Khrushchev and

Gorbachev, and the reasons for the failure of the Soviet "experiment." While political ideology and the role of the Communist party will remain frequent topics, the course will also examine the experience for "ordinary Russians" of living under totalitarianism.

#### **HIST 30856. Labor and America since 1945**

(Cross-listed with AMST 30362, IIPS 30922)

3 credits, Graff (3-0-3)

8:55–11:25 TR, 6/17–7/31

**CRN 3336**; ID # HIST 30856 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last 7/10

Enrollment Limit: 10

This course explores the evolving relationships of American workers to politics, the economy, and the wider culture since 1945. The United States emerged from World War II as the strongest global power, and its citizens subsequently enjoyed a long postwar economic boom that created what we might call the first truly middle-class society in world history. At the heart of that new society was the American labor movement, those unions like the United Auto Workers and the United Steel Workers who ensured that at least from the postwar profits made it into the wallets of workers and their families. Today, however, unions represent only 8 percent of workers in the private sector. What accounts for the decline of organized labor since the 1950s? What has the decline of the labor movement meant for workers specifically, and the American economy and politics more broadly? How and why have popular perceptions of unions changed over time? What has been the relationship of organized labor to the civil rights movement, feminism, and modern conservatism? What is "globalization" and what has been its impact upon American workers? Through an exploration of historical scholarship, memoirs, and Hollywood films, this course will try to answer these questions. Students interested in politics, economic development, International relations, social justice, human rights, peace studies or mass culture are particularly welcome.

#### **HIST 37050. Directed Readings**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # HIST 37050

#### **HIST 66050. Directed Readings**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # HIST 66050

#### **HIST 98699. Research and Dissertation**

Variable credits, Kselman (V-V-V)

**CRN 1383**; ID # HIST 98699

#### **HIST 98700. Nonresident Dissertation Research**

Variable credit, Kselman (0-0-1)

**CRN 1382**; ID # HIST 98700

## HISTORY AND PHILOSOPHY OF SCIENCE

*Director:*

Don A. Howard, Ph.D.

Program Tel. (574) 631-5015

**Course Descriptions.** The following courses are regular graduate research summer offerings. Lecture hours per week, laboratory and/or tutorial hours per week, and semester credit hours are in parenthesis. The University reserves the right to withdraw any course without sufficient registration.

CRNs for independent study courses may be obtained from the program office, from the Summer Session office, or from *insideND*.

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 2008 at [nd.edu/~ndhpssum](http://nd.edu/~ndhpssum).

#### **HPS 63605. Art and Science**

3 credits, Gaspar (3-0-3)

8:00 a.m.–5:00 p.m. MTWRF 6/17–7/31

**CRN 3637**; ID # HPS 63605 01

Last "add" date

"Drop" dates: refund; last,

It is commonplace that science plays a role in shaping art. Less frequently examined is the role of art in shaping science and our attitudes toward it. This course begins by considering the development of theories of light, color, and perspective, as topics significant to both disciplines. We will investigate the implication of recent interdisciplinary approaches to research, including the collaborative work by artist David Hockney and physicist Charles Falco. The second portion of this course will consider the various roles played by artists in the laboratory, with particular attention to examples in biology and medicine. We will explore the contributions of artists in anatomical illustration, the borrowing of laboratory-based techniques in contemporary bio-art, and the production of fantasy bodies through post-humanism. Finally, we will survey

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the role of art in shaping popular representations of science, including presentations in museums and on stage. Examples range from the cultivations of aesthetic appreciation, to the staging of scientific controversy. Participants in this course will be encouraged to explore the potential of art both as a means to challenge/ broaden understanding of sciences and as a strategy for helping students to engage with topics in the sciences.

### **HPS 63631. The Copernican Revolution**

3 credits, Macklem (5-0-3)

8:00 a.m.–5:00 p.m. TWRF 6/17–7/31

**CRN 3638**; ID # HPS 63631 01

Last “add” date:

“Drop” dates: refund, last,

This course is designed to help secondary school science teachers to develop specific pedagogical tools in the history and nature of science that they can utilize in their classrooms. Using the events and debates surrounding the transition from an earth-centered to a sun-centered model of the known universe, we will examine such issues as the role of observation and reason in science, the nature of theory, the nature of scientific discourse and rhetoric, the interactions between various scientific disciplines, and the role of so-called “external” pressures on scientific inquiry.

We will begin with the Ptolemaic, geocentric system of the known universe and progress chronologically through the work of Galileo. We will consider not only the relevant scientific work but also the responses generated from several sectors of society. Different historiographical perspectives will be utilized to help provide multiple views on the various natures of the controversies.

As this course is intended for high school teachers, time will regularly be devoted to discussion of pedagogical issues and the utilization of the issues raised in historical discussions within the modern high school science setting. Each student can expect to finish the course with a set of lesson plans and other instructional tools that they can employ in their own classrooms.

### **HPS 63653. Space Science in the Twentieth Century**

3 credits, Muir-Harmony (3-0-3)

8:00 a.m.–5:00 p.m. MTWRF 6/17–7/31

**CRN 3639**; ID # HPS 63653 01

Last “add” date

“Drop” dates: refund,; last,

This course examines selected important topics in the history of 20th-century space science, including the development of rocketry and propulsion; the militarization of space; humans in

space; and space-based technologies for communication, mapping, and resource studies.

Each topic will be approached both from the point of view of the relevant science and from the point of view of social, economic, and political context. There will be a heavy emphasis on the development of units and lesson plans for integration into classroom science instruction. Note that the course will be taught the Adler Planetarium in Chicago.

### **HPS 78599. Thesis Direction**

Variable credits, Howard (V-V-V)

**CRN 1381**; ID # HPS 78599

### **HPS 78600. Nonresident Thesis Research**

1 credit, Howard (0-0-1)

**CRN 1380**; ID # HPS 78600

### **HPS 96697. Directed Readings**

Variable credits; Staff (V-V-V)

CRN varies with instructor

### **HPS 98699. Research and Dissertation**

Variable credits, Howard (V-V-V)

**CRN 1759**; ID # HPS 98699

### **HPS 98700. Nonresident Dissertation Research**

1 credit, Howard (0-0-1)

**CRN 1758**; ID # HPS 98700

## PROGRAM OF LIBERAL STUDIES

*Chair:*

Henry Weinfeld, Ph.D.

Dept. Tel.: (574) 631-7172

**Course Description.** The following course description gives the number and title of the course. Discussion 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 Summer Session office, or from the Registrar.

### **PLS 46000. Directed Readings**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # PLS 46000

## MATHEMATICS

*Chair:*

William G. Dwyer, Ph.D.

*Associate Chair:*

Bei Hu, Ph.D.

Dept. Tel. (574) 631-7083

**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 Summer Session office, or from *insideND*.

### **MATH 10120. Finite Mathematics**

3 credits, Staff (6-0-3)

1:25–2:40 MTWRF 6/17–7/31

**CRN 1379**; ID # MATH 10120 01

Last “add” date: 6/21

“Drop” dates: refund, 6/25; last, 7/9

For students in arts and letters or as an elective for students in business administration.

Elements of probability, statistics, and matrix theory, with applications including Markov chains, game theory, and mathematics of finance.

### **MATH 10240. Principles of Calculus**

3 credits, Staff (3-0-3)

1:25–3:05 MTWRF 6/17–7/31

**CRN 3557**; ID # MATH 10240 01

Last “add” date: 6/21

“Drop” dates: refund, 6/25; last, 7/9

For students in arts and letters. Note: 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. Elements of Calculus I**

3 credits, Staff (6-0-3)

1:25–2:40 MTWRF 6/17–7/31

**CRN 1378**; ID # MATH 10250 01

Last “add” date: 6/21

“Drop” dates: refund, 6/25; last, 7/9

An introduction to calculus on algebraic, exponential, and logarithmic functions. The real number line, limits and continuity, derivatives, intermediate and mean value theorems, local extrema, the first and second derivative tests, and application to maxima and minima.

Primarily intended for students in the humanities, social sciences, or business.

**MATH 10260. Elements of Calculus II for Business**

3 credits, Staff (6-0-3)

9:10–10:25 MTWRF 6/17–7/31

**CRN 1420**; ID # MATH 10260 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

*Prerequisite:* MATH 10250 or equivalent, but no prior MATH 106/110. Credit is not given for MATH 10260 and any of the following courses: MATH 106, MATH 110, and MATH 10360. For students in business administration. An introduction to the basic concepts of integral calculus, with emphasis on problems arising in business and economics.

**MATH 10360. Calculus B**

4 credits, Staff (8-0-4)

1:25–3:15 MTWRF 6/17–7/31

**CRN 3461**; ID # MATH 10360 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

*Prerequisite:* MATH 119 or equivalent.

This is the second semester of a sequence designed for students in science whose programs require a one-year terminal course in calculus of one variable. Topics include integrals and their applications, inverse functions, exponential and logarithm functions, and techniques of integration.

**MATH 10560. Calculus II**

4 credits, Staff (8-0-4)

8:45–10:25 MTWRF 6/17–7/31

**CRN 1430**; ID # MATH 10560 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

*Prerequisite:* MATH 125 or equivalent.

The second semester of a comprehensive course in calculus of one variable generally taken by students in science and engineering. Topics in this course include transcendental functions and their inverses, techniques of integration, infinite sequences and series, parameterized curves in the plane and polar coordinates.

**MATH 20210. Computer Programming and Problem Solving**

3 credits, Snow (8-0-3)

8:45–10:25 MTWRF 6/21–7/15

**CRN 3295**; ID # MATH 20210 01

Last "add" date: 6/24

"Drop" dates: refund, 6/26; last, 7/4

Computer programming in the C language. Declarations, arithmetic operations, logical expressions, program control statements, procedures and functions, parameter passing, and

modularity. Top-down program design, structures, and recursion. Course assumes no familiarity with programming. Some keyboarding experience may be helpful.

**MATH 30530. Introduction to Probability**

3 credits, (6-0-3)

1:25–2:40 MTWRF 6/17–7/31

**CRN 1583**; ID # MATH 30530 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

*Prerequisite:* MATH 225 or equivalent.

An introductory course in probability, with application to the physical sciences and engineering. Topics will 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. Emphasis will be placed on computations with the standard distribution of probability theory and classical applications of them.

**MATH 46800. Directed Readings**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # MATH 46800

**MATH 50510. Computer Programming and Problem Solving**

3 credits, Snow (8-0-3)

8:45–10:25 MTWRF 6/21–7/15

**CRN 3296**; ID # MATH 50510 01

Last "add" date: 6/24

"Drop" dates: refund, 6/26; last, 7/4

Computer programming in the C language. Declarations, arithmetic operations, logical expressions, program control statements, procedures and functions, parameter passing, and modularity. Top-down program design, structures, and recursion. Course assumes no familiarity with programming. Some keyboarding experience may be helpful. A feature of this course will be individual computer projects. Undergraduates should register for MATH 20210.

**MATH 86700. Directed Readings**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # MATH 86700

**MATH 88900. Research and Dissertation**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # MATH 88900

**MATH 98900. Nonresident Dissertation Research**

1 credit, Staff (0-0-1)

CRN varies with instructor

ID # MATH 98900

MEDIEVAL INSTITUTE

*Director:*

Thomas F.X. Noble, 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.

**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 Institute office, from the Summer Session office, or from *insideND*.

**MI 30288. Taking Heaven by Storm: Holy Knights, Militant Monks, and Violence in the Middle Ages**

(Cross-listed with HIST 30281)

3 credits, Molvarec (3-0-3)

3:15–5:10 MWR, 6/17–7/31

**CRN 3760**; ID # MI 30288 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last 7/9

Enrollment Limit: 2

This course explores the development of monastic and chivalric impulses in Medieval Europe from A.D. 400 to 1500. Two of the most persistent images, even to this day, which represent the Middle Ages are that of the monk and the knight. Monasteries and knighthood were social institutions that significantly shaped societal sensibilities and culture in the West. From the beginning of the Middle Ages, monastic groups and knightly orders took pages from one another's book. Their influence upon one another is seen in monks who came to think of themselves as spiritual warriors and in some knights who came to consider themselves military monks. Rhetorical and physical violence was employed by both knights and monks throughout the period, and instances of this will be examined.

In addition to considering the historical realities of monastic and knightly mentalities during the medieval era, this course will also look at representations of monks and knights from the Middle Ages until the 20th century in art, literature, and film. Such images are instructive in consideration of not only the periods that produced them, but of the Middle Ages themselves. Students interested in religious or military history, films, Umberto Eco's *The Name of the Rose*, or other representations of the Middle Ages in popular culture, are especially welcome.

#### **MI 40004/60004. Medieval Latin**

(Cross-listed with CLLA 40116)

3 credits, Mantello (6-0-3)

10:30 a.m.–12:25 p.m. MWF 6/17–7/31

**CRN 2989**; ID # MI 40004 01

**CRN 2990**; ID # MI 60004 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Enrollment limit: 12

*Prerequisites:* Both elementary and intermediate classical Latin or the equivalent, taken recently for college credit.

MI 40004/60004 is an introduction to the Latin language and literature of the late antique and medieval periods (ca. A.D. 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 also 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. (\$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).

#### **MI 46020. Directed Readings**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # MI 46020

#### **MI 60005. Paleography**

(Cross-listed with CLLA 40118)

3 credits, Mantello (6-0-3)

2:30–4:25 MWF 6/17–7/31

**CRN 2980**; ID # MI 60005 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

Enrollment limit: 12

*Prerequisites:* Both elementary and intermediate classical Latin or the equivalent, taken recently for college credit, or MI 40004/60004 or the equivalent.

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. (\$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).

#### **MI 66020. Directed Readings**

Variable credit, Staff (V-V-V)

CRN varies with instructor

ID # MI 66020

#### **MI 77001. Field Examination Preparation**

Variable credits, Noble (V-V-V)

**CRN 3245**; ID # MI 77001

#### **MI 77002. Dissertation Proposal Prep**

Variable credits, Noble (V-V-V)

**CRN 3246**; ID # MI 77002

#### **MI 88001. Research and Dissertation**

Variable credits, Noble (V-V-V)

**CRN 1421**; ID # MI 88001

#### **MI 88002. Nonresident Dissertation Research**

1 credit, Noble (0-0-1)

**CRN 1420**; ID # MI 88002

## 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.

**Course Descriptions.** The following course descriptions give the number and title of each course. Lecture hours per week, studio 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 Summer Session office, or from *insideND*.

#### **MUS 10131. Introduction to Jazz**

(Cross-listed with AFST 10401)

3 credits, Dwyer (5-0-3)

8:55–10:15 MTWR 6/17–7/31

**CRN 1050**; ID # MUS 10131 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

A recommended University elective music appreciation course requiring no musical background and no prerequisites. General coverage of the various elements, styles, and structures of music. This course will be held in the Band Building.

#### **MUS 11300/61300. Piano**

Variable credits, Staff (V-V-V)

**CRN 2992**; ID # MUS 11300

**CRN 2993**; ID # MUS 61300

*Prerequisites:* Musical background and permission of the instructor.

Applied study in piano for advanced students. Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 11301/61301. Organ**

Variable credits, Staff (V-V-V)

**CRN 2994**; ID # MUS 11301

**CRN 2995**; ID # MUS 61301

*Prerequisites:* Musical background and permission of the instructor.

Applied study in organ for advanced students.

Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 11311. Viola**

Variable credits, Staff (V-V-V)

**CRN 1051**; ID # MUS 11311

*Prerequisites:* Musical background and permission of the instructor.

Applied study in viola for advanced students.

Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 11312/61312. Cello**

Variable credits, Staff (V-V-V)

**CRN 2998**; ID # MUS 11312

**CRN 2999**; ID # MUS 61312

*Prerequisites:* Musical background and permission of the instructor.

Applied study in cello for advanced students.

Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 11313/61313. Bass**

Variable credits, Staff (V-V-V)

**CRN 2855**; ID # MUS 11313

**CRN 3300**; ID # MUS 61313

*Prerequisites:* Musical background and permission of the instructor.

Applied study in bass for advanced students.

Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 11320. Woodwinds**

Variable credits, Staff (V-V-V)

**CRN 2774**; ID # MUS 11320

*Prerequisites:* Musical background and permission of the instructor.

Applied study in woodwinds for advanced students.

Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 11321/61321. Brass**

Variable credits, Staff (V-V-V)

**CRN 1204**; ID # MUS 11321

**CRN 1205**; ID # MUS 61321

*Prerequisites:* Musical background and permission of the instructor.

Applied study in brass for advanced students.

Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 11330. Percussion Lessons**

Variable credits, Staff (V-V-V)

**CRN 2796**; ID # MUS 11330

*Prerequisites:* Musical background and permission of the instructor.

Applied study in percussion for advanced students.

Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 11340/61340. Voice**

Variable credits, Staff (V-V-V)

**CRN 2996**; ID # MUS 11340

**CRN 2997**; ID # MUS 61340

*Prerequisites:* Musical background and permission of the instructor.

Applied study in voice for advanced students.

Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 31310/61310. Violin**

Variable credits, Staff (V-V-V)

**CRN 2982**; ID # MUS 31310

**CRN 2983**; ID # MUS 61310

*Prerequisites:* Musical background and permission of the instructor.

Applied study in violin for advanced students.

Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 31350. Guitar**

Variable credits, Staff (V-V-V)

**CRN 1372**; ID # MUS 31350

*Prerequisites:* Musical background and permission of the instructor.

Applied study in guitar for advanced students.

Maximum of two credit hours.

Student must preregister in the Dept. of Music Office, 105 Crowley Hall.

This course does not apply to overload guidelines.

**MUS 37900. Undergraduate Special Studies**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # MUS 37900

Individual study under personal direction.

**MUS 67900. Special Studies**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # MUS 67900

Individual study under personal direction.

**MUS 68900. Thesis Direction**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # MUS 68900

M.A. thesis under personal direction.

**MUS 68901. Nonresident Thesis Research**

1 credit, Staff (0-0-1)

CRN varies with instructor

ID # MUS 68901

## PHILOSOPHY

*Chair:*

Paul J. Weithman, Ph.D.

Dept. Tel.: (574) 631-6471

**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 Summer Session office, or from *insideND*.

**PHIL 20101. Introduction to Philosophy**

3 credits, Neiman (5-0-3)

1:30–2:35 MTWR 6/17–7/31

**CRN 1367**; ID # PHIL 20101 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10  
Enrollment limit: 30

A general introduction to philosophy with emphasis on perennial problems and key figures in the history of philosophical thought.

#### PHIL 20203. Death and Dying

3 credits, Warfield (5-0-3)  
8:55–11:25 TR, 6/17–7/31

CRN 3623; ID # PHIL 20203 01

Last "add" date: 6/22

"Drop" dates: refunds, 6/26; last, 7/10

Enrollment limit: 30

An examination of moral issues arising in situations in which people are near death. Many of our topics will be moral issues arising in medical practice and discussions of medicine including euthanasia, withdrawals of treatment, terminal sedation, organ transplantation, and assisted suicide. We will also spend some time considering arguments for and against the permissibility of the death penalty.

#### PHIL 20806. Philosophy of Judaism

3 credits, Neiman (5-0-3)  
2:45–4:05 MTWR, 6/17–7/31

CRN 3624; ID # PHIL 20806 01

Last "add" date: 6/22

"Drop" dates: refunds, 6/26; last, 7/10

Enrollment limit: 30

This course aims at introducing students to the quest for a philosophical understanding of Judaism, as initiated in Rabbi Abraham Joshua Heschel's *God in Search of Man: A Philosophy of Judaism*. Rabbi Heschel (1907–72) was well known as a scholar of the prophets, philosopher, religious educator, and social activist. His version of Judaism, based on his own vast knowledge of the Jewish philosophical tradition and preference for the prophets as religious exemplars, greatly impressed Martin Luther King Jr., who often referred to Heschel as Rabbi Abraham. In order to provide a useful background for the discussion of Heschel (and the idea of Biblical philosophy in general), we will also be concerned with what one might refer to as the history of a chosen people that includes a recognition of ordinary life and practice throughout the ages.

#### PHIL 46497. Directed Readings

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # PHIL 46497

#### PHIL 74102. The Creation of the Modern Humanities in German Idealism

(Cross-listed with GE 94902)

3 credits, Höhle (5-0-3)  
MTWRF, 7/7–7/25

CRN 3625; ID # PHIL 74102 01

Last "add" date: 7/8

"Drop" dates: refund, 7/11; last, 7/17

Enrollment limit: 10

We will read seminal texts by Friedrich Schlegel, Friedrich Schleiermacher, G.W.F. Hegel, and F.W.J. Schelling that led to a fundamental revolution in how we understand and practice the humanities. We will deal both with theoretical presuppositions of hermeneutics and aesthetics and analyze concrete interpretations of Greek and Indian myths and literary and philosophical texts.

The course will take place for three weeks, from July 7 to July 25, each day from Monday to Friday for two hours and 15 minutes. The location is uncommon: The course will be taught at the Gregoriana in Rome, the oldest and leading Jesuit university. Please contact Prof. Vittorio Höhle for details regarding travel and stay in Rome.

#### PHIL 96697. Directed Readings

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # PHIL 96697

#### PHIL 98699. Research and Dissertation

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # PHIL 98699

#### PHIL 98700. Non Resident Dissertation Research

1 credit, Staff (0-0-1)  
CRN varies with instructor  
ID # PHIL 98700

## PHYSICS

#### Chair:

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

**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 Summer Session office, or from *insideND*.

#### PHYS 08699. Directed Research in Particle Physics

Variable credits, Staff (V-V-V)

CRN 2370; ID # PHYS 08699

*Prerequisites:* Recommendation by high school physics teacher or science faculty with concurrence from Notre Dame QuarkNet or RET staff. 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 will maintain a research logbook and submit a written research summary at the conclusion of the research period.

#### PHYS 08798. Directed Research in Nuclear Astrophysics

Variable credits, Staff (V-V-V)

CRN 1018; ID # PHYS 08798

*Prerequisite:* Recommendation by high school physics teacher or science faculty with concurrence from the Joint Institute for Nuclear Astrophysics. 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 will maintain a research logbook and submit a written research summary at the conclusion on the research period.

#### PHYS 30210. Physics I

4 credits, Livingston (10-4-4)  
10:00–12:10 MTWRF 5/27–6/28  
CRN 1363; ID # PHYS 30210 01  
Last "add" date: 5/30

"Drop" dates: refund, 6/3; last, 6/13

Laboratories are held 1:30–3:30 TR

*Prerequisite:* 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.

This is the first half of a basic general physics course generally taken by preprofessional, life science, and some chemistry students. It covers mechanics, thermal properties, wave motion, and sound. Five lectures and two laboratories per week.

#### PHYS 30220. Physics II

4 credits, Arnold (10-4-4)  
10:00–12:10 MTWRF 6/30–8/1  
CRN 1362; ID # PHYS 30220 01  
Last "add" date: 7/3

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

Laboratories are held 1:30–3:30 TR

*Prerequisite:* Physics 30210 or equivalent.

Non-Notre Dame students taking this course for credit must provide transcripts from colleges and universities they have attended or are now attending.

A continuation of PHYS 30210, this course covers electricity and magnetism, optics, and modern physics. Five lectures and two laboratories per week.

### PHYS 31210. Physics I Lab

0 credits Livingston (0-2-0)

1:30–3:30 TR 5/27–6/28

CRN 3150; ID # 31210 01

### PHYS 31220. Physics II Lab

0 credits Arnold (0-2-0)

1:30–3:30 TR 6/30–8/1

CRN 3149; ID # PHYS 31220

### PHYS 46490. Directed Readings

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # PHYS 46490

*Prerequisite:* Permission of department chair.

### PHYS 48480. Undergraduate Research

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # PHYS 48480

*Prerequisite:* Permission of the department chair.

### PHYS 68098. Directed Research in Physics Teaching

Variable credits, Staff (V-V-3)

CRN 3115; ID # PHYS 68098

*Prerequisites:* Minimum of bachelor's degree in physics or other physical science, mathematics, or education; recommendation of Notre Dame QuarkNet program staff; and concurrence of instructor.

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. Special Studies

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # PHYS 68099

### PHYS 68299. Directed Research in Astrophysics

Variable credits, Staff (V-V-V)

CRN 2376; ID # PHYS 68299

*Prerequisites:* 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. 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. Directed Research in Atomic Physics

Variable credits, Staff (V-V-V)

CRN 2372; ID # PHYS 68399

*Prerequisites:* 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. 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. Directed Research in Biophysics

Variable credits, Staff (V-V-V)

CRN 2373; ID # PHYS 68499

*Prerequisites:* 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. 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. Directed Research in Condensed Matter Physics

Variable credits, Staff (V-V-V)

CRN 2374; ID # PHYS 68599

*Prerequisites:* 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. 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. Directed Research in Particle Physics

Variable credits, Staff (V-V-V)

CRN 2371; ID # PHYS 68699

*Prerequisites:* Minimum of bachelor's degree in physics or other physical sciences, mathematics, or education; recommendation of Notre Dame QuarkNet or RET program staff; and concurrence of research advisor.

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. Directed Research in Nuclear Astrophysics

Variable credits, Staff (V-V-V)

CRN 1019; ID # PHYS 68798

*Prerequisites:* 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.

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 will maintain a research logbook and submit a written research summary at the conclusion of the research period.

### PHYS 68799. Directed Research in Nuclear Physics

Variable credits, Staff (V-V-V)

CRN 2375; ID # PHYS 68799

*Prerequisites:* 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. Directed research course for high school teachers (nondoctoral students) combining coverage



of topics in nuclear physics with participation in experimental research in ongoing experiments conducted by nuclear physics faculty. Students will maintain a research logbook and submit a written research summary at the conclusion of the research period.

### PHYS 77031. Current Topics in Physics I

1 credit, Staff (15-0-1)  
9:00–11:00 MTWRF, 6/2–6/27  
**CRN 3463**; ID # PHYS 77031 01  
Last “add” date: 6/5  
“Drop” dates: refund 6/17; last, 6/15  
Topics of current interest in physics.

### PHYS 77032. Current Topics in Physics II

1 credit, Staff (15-0-1)  
9:00–11:00 MTWRF, 7/7–8/1  
**CRN 3464**; ID # PHYS 77032 01  
Last “add” date: 7/10  
“Drop” dates: refund 7/12; last, 7/20  
Topics of current interest in physics.

### PHYS 98699. Research and Dissertation

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # PHYS 98699

### PHYS 98700. Nonresident Dissertation Research

1 credit, Staff (0-0-1)  
CRN varies with instructor  
ID # PHYS 98700

## POLITICAL SCIENCE

### Chair:

Rodney Hero, 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.

**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 Summer Session office, or from *insideND*.

### POLS 20200. International Relations

(Cross-listed with IIPS 20501)  
3 credits, Thompson (10-0-3)  
10:30–11:50 MTWR 6/17–7/31  
**CRN 3327**; ID # POLS 20200 01  
Last “add” date: 6/22  
“Drop” dates: refund, 6/26; last, 7/10  
The study of international relations (IR) is the study of human organization at its highest and most complex level. The goal of IR scholarship is thus to try to manage this complexity intellectually by devising theories that help us to understand and predict state behavior. The main purpose of this course, therefore, will be to introduce students to the most important IR theories. These theories will then be applied to real-world IR events in order to test their utility in helping us understand the world as it actually is. By the end of the course, therefore, the student will have a grounding in both theoretical and factual aspects of IR analysis.

### POLS 30010. American Political Parties

3 credits, Wolbrecht (3-0-3)  
12:30–2:20 MTW 6/17–7/31  
**CRN 3630**; ID # POLS30010 01  
Last “add” date: 6/22  
“Drop” dates: refund, 6/26; last, 7/10  
Political parties play many vital roles in American politics: They educate potential voters about political processes, policy issues, and civic duties. They mobilize citizens into political activity and involvement. They provide vital information about public debates. They control the choices—candidates and platforms that voters face at the ballot box. They influence and organize the activities of government officials. Most importantly, by providing a link between government and the governed, they are a central mechanism of representation. These roles—how well they are performed, what bias exists, how they shape outcomes, how they have changed over time—have consequences for the working of the American political system. This class explores the contribution of political parties to the functioning of American democracy.

### POLS 30062. Civil Liberties and Civil Rights

3 credits, Kaplan (6-0-3)  
2:45–4:05 MTWR 6/17–7/31  
**CRN 3528**; ID # POLS 30062 01  
Last “add” date: 6/22  
“Drop” dates: refund, 6/26; last, 7/10  
How do courts decide cases involving civil liberties and civil rights? What rationales support the different interpretations of constitutional rights? How has the doctrine of incorporation

affected our understanding of constitutional rights? Why is the concept of neutrality so important in current jurisprudence? How do courts balance formal assumptions and attention to particular situations? The purpose of this course is to help you answer these and other basic questions about the law and politics of constitutional rights, including freedom of expression, due process, and equal protection, as well as civil liberties during wartime.

### POLS 30070. Strategy and Social Science

3 credits, Griffin (3-0-3)  
9:00–10:20 MTWR 6/17–7/31  
**CRN 3629**; ID # POLS30070 01  
Last “add” date: 6/22  
“Drop” dates: refund, 6/26; last, 7/10  
The concept of strategy has become the hallmark of modern political analysis. Contemporary political science goes beyond description and instead tries to analyze politics by identifying the motives that drive political behavior, institutions, and procedures. It involves the generation of theories about politics using analytical (usually mathematical) skills. This course will introduce students to this approach to social science research.

### POLS 46902. Directed Readings

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # POLS 46902  
Obtain call number in department office.

### POLS 66900. Directed Readings

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # POLS 66900

### POLS 67950. Examination Preparation

Variable credits, Radcliff (V-V-V)  
ID # POLS 67950

### POLS 78599. Thesis Direction

Variable credits, Radcliff (V-V-V)  
ID # POLS 78599

### POLS 78600. Nonresident Thesis Research

1 credit, Radcliff (0-0-1)  
ID # POLS 78600

### POLS 98699. Research and Dissertation

Variable credits, Radcliff (V-V-V)  
ID # POLS 98699

### POLS 98700. Nonresident Dissertation Research

1 credit, Radcliff (0-0-1)  
ID # POLS 98700

## PSYCHOLOGY

### Chair:

Cindy S. Bergeman, Ph.D.

### Director of Graduate Studies:

Dawn Gondoli, 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.

**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 Summer Session office, or from *insideND*.

### PSY 20001. Introductory Psychology, PSI

3 credits, Crowell (5-0-3)  
10:30–11:35 MTWRF 6/17–7/31  
**CRN 3041**; ID # PSY 20001 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

This course covers the same content as PSY 20001 (Introductory Psychology) 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 on mastery of the written rather than the spoken word, frequent testing, and an option to retake unsatisfactory quizzes.

### PSY 26800. Directed Readings

variable credit, Venter (0-0-V)

**CRN 3329**; ID # PSY 26800 01

Directed reading is carried out under the supervision of a faculty member. A typewritten report on the reading is required.

### PSY 37900. Special Studies

Variable credits, (V-V-V)

ID # PSY 37900

*Prerequisites:* PSY 30100/30160

Independent reading and/or research for juniors carried out under the supervision of one of the faculty members listed below. Consent of instructor required.

|                |             |
|----------------|-------------|
| Bergeman       | Call # 3090 |
| Braungart-Riek | Call # 2642 |
| Corning        | Call # 1206 |
| Eberhard       | Call # 3226 |
| Gibson         | Call # 2645 |
| Gondoli        | Call # 3626 |
| Howard         | Call # 2647 |
| Lapsley        | Call # 3558 |
| Smith          | Call # 2652 |

### PSY 43348. Psychology of Race

(Cross-listed with AFST 43701, ILS 40601)

3 credits, Pope-Davis (5-0-3)

1:15–3:45 TR 6/17–7/31

**CRN 3377**; ID # PSY 43348 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

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 47900. Special Studies

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # PSY 47900

*Prerequisites:* PSY 30100/30160

Senior standing.

Consent of instructor required.

Independent reading and/or research for seniors carried out under the supervision of one of the faculty members listed below.

|                |             |
|----------------|-------------|
| Bergeman       | Call # 3091 |
| Braungart-Riek | Call # 2654 |
| Corning        | Call # 1207 |
| Crowell        | Call # 2663 |
| Eberhard       | Call # 3227 |
| Gibson         | Call # 2657 |
| Gondoli        | Call # 3627 |
| Howard         | Call # 2458 |
| Lapsley        | Call # 3559 |
| Smith          | Call # 2664 |

### PSY 60159. Advanced Issues in Statistics and Research Design

Variable credits, Yuan (V-V-V)

**CRN 2343**; ID # PSY 60159

Time to be arranged. Issues involving multivariate statistics, advanced univariate statistics and complex research designs will be covered. The approach will emphasize a hands-on application of these techniques to ongoing research in the social sciences. Students will conduct their own analyses, learn to interpret their results, and complete statistical and methodological readings as they pertain to their own areas of investigation.

### PSY 61392. Practicum Summer

Variable credits, Smith (V-V-V)

**CRN 3426**; ID # PSY 61392

Work with clients individually, in groups, and in field setting as a full-time counseling trainee.

### PSY 61394. Marital Therapy Practicum

Variable credits, Smith (V-V-V)

**CRN 2768**; ID # PSY 61394

Students who have completed PSY 63339 register for this practicum while seeing couples at the Marital Therapy and Research Clinic.

### PSY 65395. Nonresident Internship Counseling

1 credit, Smith (V-V-1)

**CRN 1020**; ID # PSY 65395

This class is designed to give students an opportunity to work with clients individually and in groups in a field setting as a full-time counseling trainee.

### PSY 65396. Resident Internship

Variable credit, Smith (0-0-1)

**CRN 3162**; ID # PSY 65399

Work with clients individually, in groups and in field setting as a full-time counseling trainee.

### PSY 78841. Reading/Special Topics

Variable credits, Bergeman (V-V-V)

**CRN 2668**; ID # PSY 78841

## 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 one sequence of an intensive language course for beginners: 10102/20201 in Spanish. It also offers Beginning French I and Intensive Beginning Italian. Students can work toward or complete the language requirement by taking one course or both courses in the Spanish 10102/20201 sequence. Students who have completed 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 course work 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.

**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 Summer Session office, or from *insideND*.

### UNDERGRADUATE COURSES

#### ROIT 10115. Intensive Beginning Italian

6 credits, Vivirito, Blad (6-0-6)  
8:30–10:30 MTWRF 6/17–7/31  
Drill 11:00–noon MTWRF 6/17–7/31  
**CRN 3330**; ID # ROIT 10115 01  
Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10  
This course covers the material of ROIT 10101 and 10102 in one semester with classes meeting 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 20215 to fulfill the language requirement.

#### ROSP 10101. Beginning Spanish I

4 credits, Arenillas (10-4-4)  
8:30-10:15 MTWRF 5/31–7/2  
Drill 10:30–11:30 MTWRF 5/31–7/2  
**CRN 3628**; ID # ROSP 1010 1 01  
Last "add" date: 6/3

"Drop" dates: refund, 6/17; last, 6/17  
Enrollment limit: 25  
Intensive introduction to Spanish for students with no or minimal background. A balanced approach to all language skills.

#### ROSP 10102. Beginning Spanish II

4 credits, Coloma (10-4-4)  
8:30–10:15 MTWRF 5/31–7/2  
Drill 10:30–11:30 MTWRF 5/31–7/2  
**CRN 1357**; ID # ROSP 10102 01  
Last "add" date: 6/3

"Drop" dates: refund, 6/17; last, 6/17  
Enrollment limit: 23  
A continuation of ROSP 10101.

#### ROSP 20201. Intermediate Spanish

3 credits, Arenillas (10-4-3)  
8:00–10:00 MTWRF 7/6–7/26  
Drill 10:20–11:20 MTWRF 7/6–7/26  
**CRN 1103**; ID # ROSP 20201 01  
Last "add" date: 7/8

"Drop" dates: refund, 7/10; last, 7/17  
Enrollment limit: 23  
A continuation of ROSP 10101 and 10102.

### READING COURSES FOR GRADUATE STUDENTS

The following courses are designed to prepare students for the Graduate Reading Examination. No prerequisites. Open to undergraduate students by permission of the chair.

#### ROFR 63050. French Graduate Reading—Section 01

0 credits, Toumayan (5-0-0)  
8:00–9:05 MTWRF 6/17–7/31  
**CRN 1220**; ID # ROFR 63050 01  
Last "add" date: 6/22  
"Drop" dates: refund, 6/26; last, 7/10  
Enrollment limit: 30

#### ROFR 63050. French Graduate Reading—Section 02

0 credits, MacKenzie (5-0-0)  
8:00–9:00 MTWRF 6/17–7/31  
**CRN 3432**; ID # ROFR 63050 02  
Last "add" date: 6/22  
"Drop" dates: refund, 6/26; last, 7/10  
Enrollment limit 20

### INDEPENDENT STUDY COURSES FOR GRADUATE STUDENTS

#### ROFR 66000. Directed Readings

3 credits, Staff (V-V-3)  
CRN varies with instructor  
ID # ROFR 66000

#### ROFR 78599. Thesis Direction

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # ROFR 78599

#### ROIT 67000. Special Studies

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # ROIT 67000  
Independent study, writing, and research under the direction of a faculty member.

#### ROIT 78599. Thesis Direction

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # ROIT 78599

#### ROSP 66000. Directed Readings

3 credits, Staff (V-V-3)  
CRN varies with instructor  
ID # ROSP 66000

#### ROSP 76000. Directed Readings

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # ROSP 76000

## SCIENCE NONDEPARTMENTAL

### Associate Dean:

Steven A. Buechler, Ph.D.  
College of Science  
Dept. Tel.: (574) 631-7738

**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.

### SC 48100. Research Experience for Undergraduates

0 credits, Staff (0-V-0)  
CRN varies with instructor  
ID # SC 48100

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.

### SC 48101. Undergraduate Research

Variable credits, Staff (V-V-V)  
CRN 1001; ID # SC 48101

## 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.

**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 Summer Session office, or from *insideND*.

### SOC 20533. Responding to World Crisis

(Cross-listed with IIPS 30925)  
3 credits, Valenzuela (5-0-3)  
10:30–11:55 MTWRF 6/17 to 7/18 (five weeks)  
CRN 3632; ID # SOC 20533 01  
Last “add” date: 6/20

“Drop” dates: refund, 6/23; last, 7/3  
This course focuses on current issues in international affairs and what the U.S. policy response to them should be. The participants will be divided into groups specializing events and issues in each continent in the world, with an additional group focusing on the international economy. Each session of the seminar will hear the reports prepared by students in two of such (i.e., the Africa and the Asia groups, or the Europe and World Issues groups). The reports must be individually written, with the crisp style of policy briefs, on different countries or issues, and must include an assessment of the origins and nature of the problem or problems at hand, a well as recommendations regarding what the United States should do. The required reading for the seminar will be the *New York Times* (the printed version) on a daily basis. Students may go to Internet news services of the *New York Times* or other sources such as the *Economist* for additional background information on the situation they wish to write about.

### SOC 20534. Globalization, Coffee, and the Fair Trade Movement

3 credits, Brenneman (5-0-3)  
8:50–10:15 MTWRF 6/17–7/18  
CRN 3631; ID # SOC 20534 01  
Last “add” date: 6/20

“Drop” dates: refund, 6/23; last, 7/3  
This course will examine globalization and its effects on people at the global “margins,” especially in economically depressed Central America. The drop in world coffee prices, the rise of the maquila industry, the increase of emigration from Central America are just a few of the topics that will be considered during this course. Secondly, the course will examine how lifestyle choices and consumption habits in the United States affect farmers and artisans in the “third world.” More specifically, we will examine one result of global interconnectedness—the international fair trade movement. The course will encourage students to get involved in the local fair trade sector and to examine their own consumer habits in light of globalization. A short-term cross-cultural experience in Guatemala will bring students face-to-face with some of the people who are most deeply impacted by economic globalization.

Students will be encouraged to use conceptual tools from global sociology, economic sociology,

and social movement theory. Students in other majors, such as finance, marketing or economics, will learn how economic sociology sheds light on economic behavior. The course is a natural fit for sophomore or junior sociology majors and Latin American Studies minors. But the course content and the cross-cultural component would also make it an ideal elective for majors in marketing; Spanish; and film, theater, and television.

### SOC 20810. Gender Roles and Violence in Society

(Cross-listed with IIPS 20901)  
3 credits, Guntz (5-0-3)  
6:30–9:00 p.m. TR 6/17–7/31  
CRN 2978; ID # SOC 20810 01  
Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10  
Much of the violence in contemporary society—whether it is domestic abuse, school shootings, gang warfare, video games, or inter-ethnic conflict—has something to do with sex. This course explores the connection between gender role socialization and the expression of conflict or aggression. Through readings, discussions, films and projects, students will be encouraged to examine sex differences in violent behavior as the outcome of complex processes. We will try to understand those processes better and develop the ability to describe the causes and their effects.

### SOC 30015. Immigration in Global Perspective

(Cross-listed with AMST 30610, ANTH 30305, IIPS 30927)

3 credits, Albahari (3-0-3)  
1:15 to 3:45 TW 6/17–8/1  
CRN 3633; ID # SOC 30015

Last “add” date: 6/22  
“Drop” dates: refund, 6/26; last, 7/10  
Enrollment limit: 1

How do people in immigrant-receiving countries shape their attitudes toward immigrants? What are the differences between refugees and other migrants? How is immigration related to urban “immigrant riots?” And what can anthropological studies of borders and national policies tell us about the transnational world in which we live? We will examine these and related questions, and more generally the causes, lived experiences, and consequences of migration. We will acquire a sound understanding of migration in its social, political, legal, and cultural facets. Fieldwork accounts from countries of origin and from the United States, Europe, Australia, and Japan will enable us to appreciate both global and U.S. distinctive trends. Rather than merely learning a collection of facts about immigrants,

we will address how migration intersects with gender and class; the mass media; border enforcement; racism; the economy; territory and identity formation, and religion.

### **SOC 30019. Sociology of Sport**

3 credits, Welch (5-0-3)

1:15–3:45 TR 6/17–7/31

**CRN 3036**; ID # SOC 30019 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

As a phenomenal growth industry of postindustrial leisure societies, sports demand critical study. Theories, schools’ involvements, professionalization, race, and sex inequalities, methods of business control, the use and misuse of talent and skills, Olympic problems, are some aspects of this course’s contents.

### **SOC 30806. Race and Ethnicity**

3 credits, Sobolewski (5-0-3)

10:30–12:15 MTWRF 6/17–7/11

**CRN 3634**; ID # SOC 30806 01

Last “add” date: 6/19

“Drop” dates: refund, 6/22; last, 6/30

This course has three objectives. First, the course will help you to think critically about issues related to race and ethnicity in American society. These issues include the meaning of race and ethnicity; the extent of racial and ethnic inequality in the United States, the nature of racism, discrimination, and racial stereotyping; the pros and cons of affirmative action; the development of racial identity; differences between assimilation, amalgamation, and multiculturalism; and social and individual change with respect to race relations. The second objective is to foster a dialogue between you and other students about racist and ethnocentric attitudes and actions. The third objective is to encourage you to explore your own racial and ethnic identity and to understand how this identity reflects and shapes your life experiences.

### **SOC 30900. Foundations of Sociological Theory**

3 credits, Faeges (5-0-3)

1:15–3:45 MW 6/17–7/31

**CRN 3472**; ID # SOC 30900 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

What do theorists do—and why? What are the social causes and consequences of alienation and exploitation, of solidarity and suicide, of bureaucracy and charisma? These are some of the questions addressed in this introduction to the theoretical study of society. This course has two aims: to demystify theorizing and theories, and to familiarize students with the major

schools of sociological theory. Students will learn both analytic techniques and important theoretical concepts through a mix of lectures, discussion and exercises.

### **SOC 30902. Research Methods**

3 credits, Hachen (5-0-3)

10:30 a.m.–12:25 p.m. MWF 6/17–7/31

**CRN 1208**; ID # SOC 30902 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

The purpose of this course is to provide students with an in-depth introduction to research methods by focusing on the critical decision researchers make when conducting research. The course begins by exploring the nature of scientific research, including both the “products” of research and the processes through which such “products” are produced. We then discuss the basic elements of research design (units of analysis, variables, relationship, hypotheses), measurement, and sampling. In the remainder of the course we explore four methods of collecting data: surveys, experiments, research using available data, and field research.

### **SOC 43719. Self, Society, and Environment**

(Cross-listed with IIPS 40902, STV 40319)

3 credits, Weigert (5-0-3)

1:15–3:45 TR 6/17–7/31

**CRN 3032**; ID # SOC 43719 01

Last “add” date: 6/22

“Drop” dates: refund, 6/26; last, 7/10

This course focuses on social psychological aspects of relationships between humans and the natural environment. Issues include how humans interact with different environments, symbolic transformations of environments, and competing accounts or claims concerning human-environment relationships. The course is framed in a sociology of knowledge perspective and touches on alternative ways of envisioning and valuing individual and institutional perspectives on human-environment relationships with an eye toward implications for social change.

### **SOC 46099. Directed Readings**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # SOC 46099

### **SOC 76097. Directed Readings**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # SOC 76097

### **SOC 78599. Thesis Direction**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # SOC 78599

### **SOC 78600. Nonresident Thesis Research**

1 credit, Staff (0-0-1)

CRN varies with instructor

ID # SOC 78600

### **SOC 98699. Research and Dissertation**

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # SOC 98699

### **SOC 98700. Nonresident Dissertation Research**

1 credit, Staff (0-0-1)

CRN varies with instructor

ID # SOC 98700

## THEOLOGY

*Chair:*

John Cavadini, Ph.D.

*Summer M.A. Director:*

Matthew Zyniewicz, Ph.D.

*Coordinator of Biblical Studies:*

Gregory Sterling, Ph.D.

*Coordinator of Liturgical Studies:*

Michael Driscoll, Ph.D.

*Coordinator of Spirituality Studies and General M.A. Studies:*

Matthew Ashley Ph.D.

*Coordinator of Theological Studies, History of Christianity Studies, and Moral Theology Studies:*

Randall Zachman, 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. Nondegree students are welcome.

### **The Master of Arts Program**

The M.A. (theology) 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 course work in theology or religious studies

- (3) All applicable transcripts
- (4) Three letters of recommendation
- (5) Statement of intent
- (6) The Graduate Record Examination (with minimum scores of 500 in both the verbal and quantitative sections, or 4/6 in the new analytic section)

### Certification

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

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

Applications to the summer M.A. (theology) program must include an application form, a statement of intent, transcripts of degrees and course work, three letters of recommendation, and GRE scores. Applications are due May 1. 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  
E-Mail: [theo.1@nd.edu](mailto:theo.1@nd.edu)

### 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 May 1. When applying online, be sure to complete the "Graduate School Degree Seeking" section.

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

**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 course work. 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 masters 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 course work. 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 course work 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 16–July 4; Module 2: July 7–July 25, 2008). 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 ten 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 Summer Session office, or from *insideND*.

#### 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 which has significantly shaped the contemporary Catholic tradition. In 2008, one such course will be offered: "The Intensive Course: Hans Urs von Balthasar."

#### THEO 63203. The Intensive Course: Hans Urs von Balthasar

4 credits, Cyril O'Regan  
9:45–noon and 2:00–4:15 MTWRF 7/7–7/18

**CRN 3761**; ID # THEO 63203 01

Last "add" date: 7/8

"Drop" dates: refund, 7/10; last, 7/13

This intensive course serves as an introduction to the wide-ranging thought of the Swiss Catholic theologian, Hans Urs von Balthasar. It has three major foci: (1) his attempt to relink theology and spirituality, a link that has been broken in the modern period, including his reflections on the intrinsic relation of holiness and theology, on the non-scientific practice of biblical interpretation, and on prayer; (2) his fundamental option for an essentially Christocentric rather than anthropocentric point of view. Here his difference in fundamental starting point from much of modern and

contemporary Catholic theology will be examined; and (3) his innovative concentration on the centrality of beauty to theology, and the necessity for thinking of God as beautiful as well as good and true. Although it will not be a specific focus, the ecumenical context and orientation of von Balthasar's work, and specifically its relation to Protestantism and the Eastern Orthodoxy, will be kept to the fore.

## THEOLOGY—UNDERGRADUATE COURSES

### THEO 20827. Christianity and World Religions

3 credits, Bradley Malkovsky (5-0-3)

8:00–9:05 MTWRF 6/17–7/31

**CRN 1343**; ID # THEO 20827 01

Last "add" date: 6/21

"Drop" dates: refund, 6/25; last, 7/9

The purpose of this course is to introduce the student 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. We will also examine some traditional and contemporary Catholic and Protestant approaches to religious pluralism. Our own search to know how the truth and experience of other faiths is related to Christian faith will be guided by the insights of important Catholic contemplatives who have entered deeply in 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. Requirements: Short papers, midterm exam, and final exam.

### THEO 30018. ND: Vocation Initiative

3 credits, Janice Poorman

9:30–4:30 MTWRF, 6/4–6/11

**CRN 1218**; ID # THEO 30018 01

Last "add" date: 6/6

"Drop" dates: refund 6/6; last 6/9

The purpose of this course is to foster a sense of vocation among our students, inviting them to become more aware of how they can live their whole lives as a response to a call from God. We hope to help young men and women realize, through their own faith experience, that the reality of Christian "vocation" invites each of them in some particular way to live as committed disciples of Christ in a challenging world. Through the decisions that they make every day as young adults they explore their own vocation. In order to achieve these stated goals, we will study the lives of 50 saints, holy men and women who responded to the call to follow

Christ in their lives. Encyclical letters, Church doctrine, and other resources on vocation will be used to demonstrate what vocation means in the Catholic tradition.

### THEO 30025. NDVI—Facilitating Growth in Faith

0.5 credit, Janice Poorman

8:00 a.m.–10:00 p.m. MTWR 6/16–7/18

**CRN 3139**; ID # THEO 30025 01

Last "add" date: 6/19

"Drop" dates: refund, 6/23; last, 7/3

Also meets at 8:00 a.m.–5:00 p.m. F,

6/16–7/18

"Facilitating Growth in Faith" serves as a practicum allowing the Mentors in Faith from the NDVision 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 THEO 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. Directed Readings

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # THEO 46001

(Obtain CRN in dept. office.)

Special arrangements for directed readings must be made individually with a faculty member who agrees to act as director.

### THEO 48001. Undergraduate Research

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # THEO 48001

(Obtain CRN in dept. office.)

### THEO 48801/68201. NSF/REU Summer Biocultural Research Program

(Cross-listed with ANTH 45818/65818)

6 credits, Sheridan (7-28-6)

10:00 a.m.–6:00 p.m. MTWRF 6/2–7/11

**CRN 3018**; ID # THEO 48801 01

**CRN 3778**; ID # THEO 68201 01

Last "add" date: 6/6

"Drop" dates: refund, 6/10; last, 6/22

Enrollment limit: 10. Permission of instructor required. 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.

For further information contact:

Prof. Susan Sheridan

642 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).

## THEOLOGY—GRADUATE COURSES

### THEO 63203. The Intensive Course: Hans Urs von Balthasar

4 credits, Cyril O'Regan

9:45–noon and 2:00–4:15 MTWRF 7/7–7/18

**CRN 3761**; ID # THEO 63203 01

Last "add" date: 7/8

"Drop" dates: refund, 7/10; last, 7/13

This intensive course serves as an introduction to the wide-ranging thought of the Swiss Catholic theologian, Hans Urs von Balthasar. It has three major foci: (1) his attempt to relink theology and spirituality, a link that has been broken in the modern period, including his reflections on the intrinsic relation of holiness and theology, on the non-scientific practice of biblical interpretation, and on prayer; (2) his fundamental option for an essentially christocentric rather than anthropocentric point of view. Here his difference in fundamental starting point from much of modern and contemporary Catholic theology will be examined; and (3) his innovative concentration on the centrality of beauty to theology, and the necessity for thinking of God as beautiful as well as good and true. Although it will not be a specific focus, the ecumenical context and orientation of von Balthasar's work, and



specifically its relation to Protestantism and the Eastern Orthodoxy, will be kept to the fore.

#### **THEO 66001. Directed Readings**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # THEO 66001  
(Obtain CRN in dept. office.)  
Special arrangements for directed readings must be made individually with a faculty member who agrees to act as director.

#### **THEO 68802. Comprehensive Review**

1 credit, J. Matthew Ashley, Michael Driscoll, Randall Zachman (11-0-1)  
8:10–10:30 MTWRF 7/7–7/18  
**CRN 3110**; ID # THEO 68802 01  
Last “add” date: 7/8  
“Drop” dates: refund 7/10; last, 7/13  
A review course open only to those taking comprehensive examinations in July 2008. This course meets MWF in the first week and R 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. Thesis Direction**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # THEO 78599  
(Obtain CRN in dept. office.)

#### **THEO 78600. Nonresident Thesis Research**

1 credit, Staff (0-0-1)  
CRN varies with instructor  
ID # THEO 78600  
(Obtain CRN in dept. office.)

#### **THEO 86001. Directed Readings**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # THEO 86001  
(Obtain CRN in dept. office.)  
Special arrangements for directed readings must be made individually with a faculty member who agrees to act as director.

#### **THEO 87002. Preparing for an Academic Career in the Humanities**

(Cross-listed with GRED 60610)  
1 credit, Joseph Wawrykow (12-0-1)  
1:00–4:00 MTRF 6/2, 6/3, 6/5, 6/6  
**CRN 3118**; ID # THEO 87002 01  
Last “add” date: 6/2  
“Drop” dates: refund, 6/2; last, 6/3  
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. 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.

#### **THEO 98699. Research and Dissertation**

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # THEO 98699  
(Obtain CRN in dept. office.)

#### **THEO 98700. Nonresident Dissertation Research**

1 credit, Staff (0-0-1)  
CRN varies with instructor  
ID # THEO 98700  
(Obtain CRN in dept. office.)

### **THEOLOGY—BIBLICAL STUDIES COURSES**

#### **THEO 60114. Pauline Writings**

3 credits, Murphy-O'Connor (3-0-3)  
10:40 a.m.–1:00 p.m. MTWRF 7/7–7/25  
**CRN 3762**; ID # THEO 60114 01  
Last “add” date: 7/9  
“Drop” dates: refund, 7/11; last, 7/17  
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.

The course requirements are (1) two short (4–5 pages double-spaced) papers, the first to be presented on Monday, July 21, and the second on Monday, July 28; and (2) active class participation.

#### **THEO 60136. Genesis**

3 credits, Anderson (3-0-3)  
10:40 a.m.–1:00 p.m. MTWRF 6/16–7/4  
**CRN 3763**; ID # THEO 60136 01  
Last “add” date: 6/18  
“Drop” dates: refund, 6/20; last, 6/26  
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 most profound 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 60145. New Testament Ethics**

3 credits, Sterling (3-0-3)  
8:10–10:30 MTWRF 6/16–7/4  
**CRN 3779**; ID # THEO 60145 01  
Last “add” date: 6/18  
“Drop” dates: refund, 6/20; last, 6/26  
This course is an overview of the ethical values that are expressed in the writings of the New Testament. The course will concentrate on three aspects of ethical exhortation in the New Testament. First, we will examine the criteria by which different New Testament authors reach moral judgments. What is the relevance of the law? What happens when a Christian author rejects the validity of the law? Do later texts in the New Testament betray Christian values by accepting Greco-Roman ethical values? Second, we will explore specific issues that are of contemporary relevance; e.g., divorce, sexual ethics. Finally, we will probe the suitability of the criteria used by New Testament authors for making moral judgments today. How do we explain the variations in criteria among different authors? Does one approach offer more help than others?

**THEOLOGY—CATHECHESIS STUDIES COURSES****THEO 60221. Catechesis: History and Theory**

3 credits, Gerard Baumbach (11-0-3)

10:40 a.m.–1:00 p.m. MTWRF 6/16–7/4

**CRN 1104**; ID # 60221 01

Last "add" date: 6/18

"Drop" dates: refund, 6/20; last, 6/26

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. Christian Doctrine for Catechists**

3 credits, John Cavadini (11-0-3)

8:10–10:30 MTWRF 6/16–7/4

**CRN 3764**; ID # 60222 01

Last "add" date: 6/18

"Drop" dates: refund, 6/20; last 6/26

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.

**THEOLOGY—HISTORY OF CHRISTIANITY COURSES****THEO 60232. Reformation History**

3 credits, David Steinmetz

8:10–10:30 MTWRF 6/16–7/4

**CRN 3765**; ID # 60232 01

Last "add" date: 6/20

"Drop" dates: refund, 6/22; last, 6/28

An examination of the theology of such major Protestant figures as Luther, Zwingli, Calvin, Melancthon, Menno Simons, and Thomas Cranmer in the context of competing Catholic visions of reform. Requirements: Three 4-page papers and a final exam.

For textbooks, get the paper editions of David Bagchi and David Steinmetz, eds., *The Cambridge Companion to Reformation Theology* (Cambridge, 2004). Hans J. Hillerbrand, ed., *The Protestant Reformation* (Harper Torchbooks, 1968). David C. Steinmetz, *Reformers in the Wings*, 2 ed. (Oxford, 2001).

**THEO 60237. Introduction to Judaism**

3 credits, Michael Signer

10:40 a.m.–1:00 p.m. MTWRF 6/16–7/4

**CRN 3766**; ID # 60237 01

Last "add" date: 6/18

"Drop" dates: refund, 6/20; last, 6/26

Religious practice helps us order and orient ourselves within the world and community. Judaism is a religion of practice and commitment to a life lived in the presence of God. It speaks of covenant rather than salvation and focuses on practice rather than dogmatic formulae. This course examine the various cycles of Jewish practice including rites of passage, daily, weekly, and yearly observances. Within the structure provided by personal, ritual, and holiday celebration we find the essential theology of Judaism: a life built around the study and practice of Torah.

Course Requirements: Preparation and attendance are required. Students are expected to prepare readings and appropriate texts for class discussions. Students will prepare two reflection papers which will be due at the midpoint and the end of the course. These papers will focus on student analysis of the readings and texts synthesized with their own reflections on the experience. All students are invited to attend Jewish worship services on Friday night.

**THEO 60250. Introduction to Early Christianity: Cultures, Beliefs, and Teachings**

3 credits, Robin Darling Young

2:00–4:20 MTWRF 6/16–7/4

**CRN 3780**; ID # 60250 01

Last "add" date: 6/18

"Drop" dates: refund, 6/20; last, 6/26

From its origins in the Judaism of first-century Palestine, early Christianity spread quickly into Aramaic-, Greek-, and Latin-speaking communities of the Roman Empire. This course will introduce the institutions created by Christianity as it separated from Judaism, as well as its interaction with the cultures into which it spread around the Mediterranean basin and into Mesopotamia and the Caucasus. From these interactions came an articulated church structure, with literary and liturgical cultures specific to particular territories, and a cluster of beliefs both shared with and differentiated from Graeco-Roman and Eastern cultures. Along with the history of these cultures, the course will consider the book cultures of early Christianity and its catechists, who gave rise to a web of teachings modulated in controversy and ecumenical councils. The resultant theology, particularly teachings about the divine nature of Jesus and the related doctrine of the triadic godhead, is an important philosophical legacy of early Christianity, and will be the focus of inquiry as the course progresses.

**THEO 60251. Aquinas: Spiritual Master**

3 credits, Keith Egan

2:00–4:20 MTWRF 7/7–7/25

**CRN 3781**; ID # 60251 01

Last "add" date: 7/9

"Drop" dates: refund, 7/11; last, 7/17

This course will be an introduction to the texts and major themes in the theology of Thomas Aquinas and to the development of skills in the interpretation of the theology of this saint and doctor of the church. Special attention will be paid to Aquinas' ability to keep in an intimate relationship theology and what we refer to as spirituality, what we can call Aquinas' theological spirituality. Attention will also be given to the use of scripture by this master of the sacred page.

Texts: (1) Selected texts from Aquinas' *Summa theologiae* and from other texts of Thomas Aquinas; (2) Jean-Pierre Torrell, *Saint Thomas Aquinas 1 and 2* (Spiritual Master); Catholic University Press, 2003; (3) Robert Barron, *Thomas Aquinas: Spiritual Master*. Crossroad, 1996; (4) Benedict Ashley, *Thomas Aquinas: The Gifts of the Spirit*. New City Press, 1995.

**THEO 60253. Christological Doctrine: Development and Contemporary Questions**

3 credits, Khaled Anatolios  
8:10–10:30 MTWRF 7/7–7/25  
**CRN 3783**; ID # 60253 01  
Last “add” date: 7/9

“Drop” dates: refund, 7/11; last, 7/17  
The question that the evangelist Mark reports Jesus as addressing to his disciples, “Who do you say that I am?” (Mk 8:29) received a definitive response in Church doctrine only through a long and sometimes tumultuous process of development. This question is also addressed to all Jesus’ disciples through the ages. In seeking to formulate our own responses to this question, we need to take account of the process and rationale by which the early Church struggled toward an adequate proclamation of who Jesus is. Moreover, the development of christological doctrine in our own time raises new questions, such as those posed by the feminist critique and religious pluralism. The project of this course is to integrate our questions with those that generated the development of christological doctrine, so that we may delve deeper into the mystery of the human-divine identity of Jesus Christ.

**THEOLOGY—LITURGICAL STUDIES COURSES****THEO 60404. Eucharist**

3 credits, Michael Driscoll (11-0-3)  
2:00–4:20 MTWRF 7/7–7/25  
**CRN 1349**; ID # 60404 01  
Last “add” date: 7/9

“Drop” dates: refund, 7/11; last, 7/17  
The church makes the Eucharist and the Eucharist makes the Church. A biblical, historical, systematic, and liturgical treatment of the eucharistic liturgy with a special emphasis on pastoral considerations. Two brief reports and a final examination are required.

**THEO 60413. The Theology of Liturgical Ministries**

2 credits, Nathan Mitchell  
8:10–10:30 MTWRF 7/7–7/18  
**CRN 3768**; ID # THEO 60413 01  
Last “add” date: 7/8

“Drop” dates: refund, 7/9; last, 7/13  
This course seeks to acquaint students with the history and theology of liturgical ministries within the church, with special focus on ministries of music (cantor, psalmist, leader of song, pastoral musician). Particular attention will be paid to the emergence of lay ministries following the Second Vatican Council. Readings will include Joseph Gelineau, *Liturgical Assembly, Liturgical Song (Studies in Church Music and*

*Liturgy*; Portland: Oregon Catholic Press, 2002); *Roles in the Liturgical Assembly*, trans. Matthew J. O’Connell (Collegeville, Minn.: The Liturgical Press, 1981); Edward P. Hahnenberg, *Ministry: A Relational Approach* (New York: Crossroad, 2003). (SummerSong Program—Two-week course.)

**THEO 60414. Liturgical Year for the Pastoral Musician**

2 credits, Donald LaSalle (11-0-2)  
8:10–10:30 MTWRF 7/7–7/18  
**CRN 3108**; ID # THEO 60414 01  
Last “add” date: 7/15

“Drop” dates: refund, 7/16; last, 7/20  
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 60416. Liturgical Theology**

3 credits, David Fagerberg (11-0-3)  
8:10–10:30 MTWRF 7/7–7/25  
**CRN 3238**; ID # 60416 02  
Last “add” date: 7/9

“Drop” dates: refund, 7/11; last, 7/17  
This course will detail how Christian theology is rooted in the liturgy’s *lex orandi*. We will begin by defining the method and scope of liturgical theology (especially using Schmemmann, Kavanagh, and Taft). We will then apply this to catechetics, asceticism, ecclesiology, and spirituality. Looking at specific topics in liturgical theology and some of the influential authors in the liturgical movement of this century, the student will arrive at a framework for relating the liturgical life of the body of Christ with ministry that leads to and flows from it.

**THEO 60417. Christian Initiation**

3 credits, Maxwell Johnson (11-0-3)  
10:40 a.m.–1:00 p.m. MTWRF 6/16–7/4  
**CRN 3109**; ID # 60417 01  
Last “add” date: 6/18

“Drop” dates: refund, 6/20; last, 6/26  
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. Liturgical Year**

3 credits, Patrick Regan (11-0-3)  
10:40 a.m.–1:00 p.m. MTWRF 7/7–7/25  
**CRN 3334**; ID # 60421 01  
Last “add” date: 7/10

“Drop” dates: refund, 7/11; last, 7/17  
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 *Missal of Pius V* (1570) following the Council of Trent with the third typical edition of the *Missal of Paul VI* (2002). Though academic, the course provides a highly desirable foundation for pastoral practice and spirituality.

*Required Reading*: Thomas J. Talley, *The Origins of the Liturgical Year*. Collegeville: The Liturgical Press, 1991; Maxwell E. Johnson, ed., *Between Memory and Hope*. Collegeville: The Liturgical Press, 2000.

*Other Requirements*: Three reflection papers on required reading, each three pages in length, and a 15-minute oral exam on selected class lectures at end of course.

**THEO 60422. Liturgical Prayer**

3 credits, Paul Bradshaw (11-0-3)  
8:10–10:30 MTWRF 6/16–7/4  
**CRN 3335**; ID # 60422 01  
Last “add” date: 6/18

“Drop” dates: refund, 6/20; last, 6/26  
A study of the theology and practice of liturgical prayer in the Christian tradition past and present.

**THEOLOGY—MORAL THEOLOGY COURSES****THEO 60609. Christian Ethics and Pastoral Practice (MT)**

3 credits, Paulinus Odozor  
10:40 a.m.–1:00 p.m. MTWRF 7/7–7/25  
**CRN 3767**; ID # 60619 01  
Last “add” date: 7/9

“Drop” dates: refund, 7/11; last, 7/17  
Faith in Jesus Christ as Lord and savior has practical implications for the way believers construe the world and organize their lives. What are these implications for Christian life in some specific areas of life and what are the tensions that arise from the attempt of the Christian community to remain faithful to the teachings of the Lord Jesus, all the while trying to live a fully human life. This is at the core of our course. Therefore, in this course, we will (1) study the ethical stance of the Christian (Catholic) community on a number of issues as well as the pastoral challenges arising from the position of this community on these matters; (2) explore the

ways the pastoral worker can help to translate effectively Church teaching and moral theology in these areas; and (3) look at the moral demands that arise from the exercise of any pastoral ministry in the Church today.

#### **THEO 60619. Faith, Morality, and Law**

3 credits, Cathleen Kaveny  
2:00–4:20 MTWRF 6/16–7/4

**CRN 3770**; ID # 60619 01

Last “add” date: 6/18

“Drop” dates: refund, 6/20; last, 6/26

This course will look at the relationship between faith, morality, and law in the Christian tradition. Section One will look at the relationship between the moral law and the Christian life, looking at relevant scriptural passages, as well as classic Protestant and Catholic views on the subject. Section Two will consider the proper relationship of civil law and morality in civil society. Students will be introduced to the prevailing secular views on the topic, as well as the Catholic view expressed in *Evangelium Vitae*. In Section Three, we will look at the responsibilities of Christians in the face of unjust laws or legal systems. We will consider whether and when there is an obligation to civil disobedience, looking at St. Thomas More, the Berrigans, and Martin Luther King Jr.

#### **THEOLOGY—SYSTEMATIC THEOLOGY COURSES**

##### **THEO 60806. Ecclesiology**

3 credits, Richard P. McBrien (11-0-3)  
2:00–4:20 MTWRF 6/16–7/4

**CRN 1350**; ID # THEO 60806 01

Last “add” date: 6/18

“Drop” dates: refund, 6/20; last, 6/26

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 60841. Doctrine of the Triune God**

3 credits, Gerald O’Collins (3-0-3)  
2:00–5:45 MTWRF 6/23–7/4

**CRN 3771**; ID # 60841 01

Last “add” date: 6/24

“Drop” dates: refund, 6/25; last, 6/29

This course will first examine the biblical roots for the doctrine of the Trinity and the development of this doctrine in the teaching and theology of the Church. Then the course will take up systematic questions, such as the viability of the language of “one nature and three persons,” the personal existence of the Holy Spirit, the actions of the Trinity, and naming or

renaming the Trinity. The course will end with reflections on the Trinity in art, literature, and liturgy.

##### **THEO 60847. Pastoral Theology**

2 credits, Janice Poorman (4-0-1)

2:00–4:20 TR 7/7–7/25

**CRN 3224**; ID 60847 01

Last “add” date: 7/10

“Drop” dates: refund, 7/11; last, 7/17

ECHO 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. Theological Integration**

2 credits, Janice Poorman (4-0-2)

10:40 a.m.–1:00 p.m. MTWR 7/7–7/25

**CRN 3225**; ID # THEO 60848 01

Last “add” date: 7/10

“Drop” dates: refund 7/11; last, 7/17

ECHO second-year participants only.

This course represents a continuation of THEO 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.

##### **THEO 60855. Prayer and Transformation in Christian Spirituality: Theology, History, and Practice**

3 credits, Philip Sheldrake

2:00–4:20 MTWRF 7/7–7/25

**CRN 3772**; ID # THEO 60855 01

Last “add” date: 7/9

“Drop” dates: refund, 7/11; last, 7/17

The course explores varied understandings of prayer in the Christian spiritual tradition from theological, historical, and pastoral perspectives. It also relates prayer to the purpose and process of spiritual transformation. While the Christian tradition of prayer embraces a range of practices and methods, personal and collective, “prayer” embodies how the human relationship with God is understood. The first part of the course considers theological understandings of prayer, a historical overview of Christian prayer, theories of spiritual transformation, contemporary contexts and questions. The second, major part of the course, examines five contrasting Christian spiritual traditions and how these address the relationship of prayer to spiritual transformation. Course requirements: daily readings, class discussion, a paper, and a written summary supporting a class presentation.

##### **THEO 60856. Three Theologians Who Shaped Twentieth-Century Theology: De Lubac, Congar, and Rahner**

3 credits, Thomas Ryba

8:10–10:30 MTWRF 7/7–7/25

**CRN 3773**; ID # THEO 60856 01

Last “add” date: 7/9

“Drop” dates: refund, 7/11; last, 7/17

Henry de Lubac (1896–1991), Karl Rahner (1904–84), and Yves Congar (1904–95), all born at the beginning of the 20th century, grew to intellectual maturity at precisely the opportune moment to shape the content of Vatican II as well as to influence all subsequent Roman Catholic theology. But this influence was made possible only after a complex dialectic had played itself out.

The intellectual lives of these three thinkers illustrate a dialectic between Church and theologian not uncommon in the experience of the Roman Catholic tradition’s subtlest, most original, and most disciplined thinkers. Clearly grasping the lacunae in and limitations of classical theology, each attempted to provide more adequate and hence more truthful theological formulations based upon the resourcement of theological history. Because they so forcefully stretched the limits of the theological horizon that enveloped the pre-Vatican II Church, they suffered the rancor and retribution of those who interpreted their projects as dangerous examples of formal

or material heresy. But, like the greatest theologians who preceded them, they, their fidelity, and their thought were eventually exonerated, and they went on to influence subsequent theological development in profound ways.

The purpose of this course is to lead students on an exploration of two key works (of each author) leading to an appreciation of the unique thematic contributions of these thinkers to Roman Catholic theology and to Christian theology, in general.

Among the theological themes explored will be the unity of nature and grace, the meaning of revelation, the role of the laity in the Church, the universality of salvation, the nature and meaning of life after death, and the identity of the economic and immanent Trinity and the meaning of Trinitarian personhood, among other topics. The impact of these themes on Vatican II and post-Vatican II theology will also be surveyed.

*Books for the course:*

- (1) John Milbank. *The Suspended Middle: Henri de Lubac and the Debate Concerning the Supernatural*. Eerdmans, 200(5) (ISBN: 0-8028-2899-X)
- (2) Henri de Lubac. *The Mystery of the Supernatural*. Herder and Herder, 1998. (ISBN: 0-8245-1699-0)
- (3) Henri de Lubac. *Catholicism: Christ and the Common Destiny of Man*. Ignatius, 1988. (ISBN: 0-08987-02038-7)
- (4) Yves Congar. *The Meaning of Tradition*. Ignatius, 200(4) (ISBN: 1-58617-021-X)
- (5) [5 COPIES, paper] Karl Rahner. *Hearer of the Word*. Continuum, 199(4) (ISBN: 0-82640-648-3)
- (6) [5 COPIES, paper] Karl Rahner. *The Trinity*. Herder and Herder, 1997. (ISBN: 0-82451-627-3)
- (7) A disk (for purchase) that includes Yves Congar's *Lay People in the Church*, selected introductions to the theology of the three theologians, relevant ecclesiastical documents (pre-, pan- and post-Vatican II), selections from Jacques Dupuis' *Toward a Christian Theology of Religious Pluralism*, and portions of Louis-Marie Nihal Navaratne's *The Relationship between Christology and Pneumatology in the Writings of Yves Congar, Karl Rahner and Jacques Dupuis*, PUG, 1987.

**THEO 60857. Augustine and the Christian Life**

3 credits, Lawrence Cunningham  
8:10–10:30 MTWRF 6/16–7/ 4  
**CRN 3774**; ID # THEO 60857 01  
Last "add" date: 6/18

"Drop" dates: refund, 6/20; last, 6/26  
This course will focus on a close reading of some of St. Augustine's shorter works with a precise concentration on what the great Father of the Church considers to be a life lived under the grace of God in faith. Our readings will concentrate on some treatises found in the volume, *On Christian Belief*, ed. Boniface Ramsey (Hyde Park: New City Press, 2005) (ISBN for paperback edition: 1-56548-234-4). We would concentrate on the "Enchiridion of Faith, Hope and Charity," but also read "The Advantage of Believing," and "Faith and the Creed," and a few others, as time permits. A short essay will be required at the end of each week and class discussion will be part of our close reading of Augustine's texts. In anticipation of the class it might be useful to read his classic work, *Confessions*.

**THEO 60858. Theology of Ministry**

3 credits, Edward Hahnenberg  
10:40 a.m.–1:00 p.m. MTWRF 7/7–7/25  
**CRN 3775**; ID # THEO 60858 01  
Last "add" date: 7/9

"Drop" dates: refund, 7/11; last, 7/17  
This course studies the theology of ecclesial ministry—lay and ordained. Taking into account the biblical background and historical developments, the course focuses on the discussion of ministry in the Roman Catholic Church following the Second Vatican Council. Students will work together to (1) understand church teaching and recent theological debate on the theology of ministry and priesthood and (2) gain a vocabulary and principles for articulating their own ministerial identity.

**THEO 60956. Theology of Family in Ecclesial Life: Implications and Applications in Pastoral Ministry**

2 credits, Janice Poorman  
**CRN 3776**; ID # THEO 60956 01  
2:00–7:00 W 7/30  
9:00 a.m.–6:00 p.m. RF 7/31–8/1  
Last "add" date: 7/30

"Drop" dates: refund, 7/31; last, 8/1  
Family life is a privileged locale for encountering God in everyday life experiences. The domestic church is the initial training ground for faith growth and forming disciples, profoundly shaping religious identity among its members. Thus, the larger Church stresses the importance of bringing a family perspective to all ministry

efforts. This course addresses the foundational principles of a family perspective through theological, scriptural, and historical background. It stresses the role of parish/diocese in empowering the family to live out its mission and tasks as church of the home.

**THEO 64208. Jerusalem, the Desert, and Galilee: A Theological Inquiry**

3 credits, Virgilio Elizondo  
Time to be announced MTWRF 6/1–6/11

**CRN 3777**; ID # THEO 64208 01  
(To take place in Tantur, Israel, June 1–11, 2008. Students should plan to arrive on May 30 to get over (a little) the jet lag. There are 15 places available. Please let Matt Zyniewicz know if you plan to register for this course. Once there are eight or more students confirmed for the course, the students may then make their own travel arrangements.)

This two-week course through the land of Jesus will seek to explore the theological themes of the gospel narratives informed by the socio-cultural and historical perspectives. The journey through the land organizes the theology, which is a reflection on the deeper meaning of the journey. In keeping with the tradition of the earliest followers of Jesus and of subsequent generations of Christians, by returning to the places of origins, we will seek a better understanding of the foundational words, persons, events, and places mentioned in the Gospels so as to probe their redemptive value for us today.

Information about the Department of Theology is available at [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

Tel: (574) 631-7811  
Fax: (574) 631-4291  
E-Mail: [theo1@nd.edu](mailto:theo1@nd.edu)  
Web: [theology.nd.edu](http://theology.nd.edu)

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

Director of the Summer Session  
111 Earth Sciences Building  
University of Notre Dame  
Notre Dame, IN 46556

## PROGRAMS OF STUDY—INTERNATIONAL

### SCHOOL OF ARCHITECTURE, INTERNATIONAL PROGRAMS

**Dean:**

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

#### SUMMER PROGRAM AT THE TUSCAN CLASSICAL ACADEMY

July 24–August 13, 2008

*On-Site Director:* David Mayernik

The Tuscan Classical Academy

Located in a lovingly restored Tuscan hilltop estate 25 kilometers north of Florence, the Tuscan Classical Academy is a novel venture based on long-standing traditions, ideals, and values.

The academy was founded by veteran architectural restorer, linguist, and educator Lynn Fleming Aeschliman, who started restoring the Capitignano property in the late '60s, and is co-directed by Victor Deupi, the Arthur Ross Director of Education at the Institute of Classical Architecture and Classical America in New York. The academy brings together outstandingly talented and experienced architects, artists, teachers, and theorists who are devoted to the classical, medieval, and Renaissance traditions in the arts that created the great European landscapes and cityscapes such as Tuscany and Florence. Devoted to craft and studio traditions that involve students and professionals in the vigorous personal appropriation and extension of these skills, the academy fellows promote the arts as essential to true human flourishing and well-being as well as professional competence and growth.

The Capitignano estate has several major buildings that contain a library, studio, lecture hall, salon, and comfortable living and dining accommodations, as well as a swimming pool, tennis court, and terraces. The academy runs collaborative programs with the University of Notre Dame School of Architecture, INTBAU, the Erasmus–Jefferson Summer Institute (University of Virginia), the Boston University College of Fine Arts, and the American School in Switzerland (Lugano). Independent students are

welcome to apply to attend on a credit or non-credit basis.

#### Introduction

The aim of the summer program is to introduce art and architecture students and professionals to the larger mission of the School of Architecture at the University of Notre Dame and to expose them to the rich architectural heritage of Florence and Tuscany. More than any other city, Florence was the seat of Renaissance humanism, and the center for the flourishing of the classical arts. Throughout the quattrocento and cinquecento, Florence witnessed a revival of architecture and the building arts that decisively changed the way Europe and the West thought about the built environment. The summer school is supported by the International Network for Traditional Building, Architecture and Urbanism (INTBAU).

#### Course Description

The 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 medieval civilization and Renaissance humanism and site visits to important cities and buildings throughout Tuscany. These center primarily on Florence and the Mugello Valley, although day trips to Fiesole, Pienza/Montepulciano, Siena, and Pisa/Lucca complement the Florentine focus. Students are required to keep a sketchbook of their site visits.

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. For advanced students, the course offers design exercises that explore the Renaissance notion of *concetto* or conceptualization of form and its intrinsic iconographic content. Students work in pencil, watercolor, and wash.

The drawing and painting component introduces students to the basics of landscape drawing and painting based on observations from nature. Students work in various media (watercolor, gouache, pencil, charcoal, and chalk) to learn how to develop preliminary work in design and composition. There are also

opportunities to develop a painting in oil, accompanied by applying this medium to creating an illusion of reality through atmospheric perspective and the rendering of various components that go into a landscape. The subject matter ranges from wild mountainous vistas to cultivated fields, to buildings, and then cityscapes.

#### Structure

The course is divided into two parallel strands: (1) art and architecture students seeking summer school credits at both the introductory- and advanced-level courses; and (2) professionals seeking continuing education credits. The two strands are also divided into those whose focus is primarily architecture and those whose focus is fine art. The two groups do, however, share a number of lectures and exercises and all the tours are done jointly. Participants seeking no academic credit are also welcome.

#### Faculty

Architect and painter David Mayernik, Professor, U. of Notre Dame, School of Architecture

Architect Victor Deupi, B.S.Arch., U.Va.; M.Arch., Yale U.; Ph.D., U. of Pennsylvania; founding codirector of TCA; Arthur Ross Director of Education, Institute of Classical Architecture and Classical America; a founding member of the INTBAU Management Committee.

Art historian Jill Johnson Deupi, Ph.D., U. of Virginia; fellow, American Academy in Rome

Painter Maureen Hyde, M.F.A., U. of California; instructor, Florence Academy of Art

Visiting architects: G. Amoroso, Ph.D., and C. Bartolomei, Ph.D.'s, U. of Bologna

#### Fellows of the Academy

Michael D. Aeschliman, Ph.D., Columbia; Professor at Boston University and University of Italian Switzerland

Architect Pier Carlo Bontempi, Parma, Italy

Architect Maxim Atayants, St. Petersburg, Russia

David M. Steiner, Ph.D., Harvard; dean, Hunter College School of Education; formerly director of arts education, National Endowment for the Humanities

Lynn F. Aeschliman, B.A., Barnard College, Columbia University; founder and codirector of the academy

Mark Aeschliman, M.A., Middlebury; M.A., Syracuse, artist and art historian, the American School in Switzerland

Painter Diane Afton Aeschliman, B.F.A. R.I.S.D.

Artist John Smalley, M.F.A. U. of Iowa, TASIS the American School in England

### General Information

The program is open to art and architecture students (although rising high school seniors are accepted to the academy, they must obtain special permission to receive Notre Dame credit), professionals, and talented amateurs from the United States, Europe, and elsewhere. Admission to the program is by permission of the instructors and on a space-available basis. Applicants are required to submit examples of their work in the form of digital images, photocopies, or photographs. Students are housed for the duration of their stay in restored villas and farm buildings on the estate of Capitignano in the Mugello Valley, 45 minutes north of Florence. All courses and studio work are carried out in the restored hay loft (*fiendale*) and stable (*stalla*) of the complex. The cost of the program, including housing, meals, tours, Notre Dame tuition, and fees, is \$4,400. Drawing and painting supplies are not included. A \$500 deposit is required, along with the application to hold a place. Full payment of the remaining cost is required by June 1. All payments, minus a cancellation fee of \$150, are refundable until this date.

For further information and queries, please contact:

Lynn F. Aeschliman  
E-Mail: lfa@tasis-schools.org  
Fax (+41 91) 994-6475  
Tel. (+41 91) 960-5135

or

Ariadne Milligan  
1735 N. El Molino Ave.  
Pasadena, CA 91104  
E-Mail: ariadnemilligan@hotmail.com  
Tel. (760) 554-6494

## COLLEGE OF ARTS AND LETTERS, LONDON SUMMER PROGRAMME

Director:

T.R. Swartz, Ph.D.  
Tel.: (574) 631-7737

**Dates.** The program runs 32 days from mid-May until mid-June. Participants generally leave on the Wednesday evening one week after spring term examinations, which means that there will often be as much as a 10-day break after the last spring examination is scheduled. In past years, some have taken this opportunity to travel in Europe prior to the beginning of the program, while others have returned home for a brief holiday. Participants will return to the States the Sunday before summer school begins in South Bend, which generally is Fathers Day. Because of the ending date of the program, participants can take part in this course of study and still have a large portion of their summer free to work, take part in an internship, travel extensively, or return to campus for traditional summer school.

**History.** The "first edition" of this international study/travel program was offered in the May/June of 2001. It immediately proved to be a very popular opportunity for Notre Dame undergraduates and, much to the surprise of all involved, it filled to capacity the first year it was offered. Sixty participants representing all the undergraduate colleges took part in the 2001 program. Perhaps because those who took part in the 2001 were so positive about their experiences, the May/June 2002 program filled to capacity by mid-October 2001. This was well before the official electronic deadline for applications, which is in mid-January. This pattern continued for the 2003, 2004, 2005, 2006 and the 2007 programs, and we assume that the 2008 edition of the London Summer Programme will fill to capacity by mid-October 2007.

Some changes were introduced following the 2001 program. More opportunities to enroll in theatre courses were established. In addition to two day-trips to visit Stonehenge/Bath City and Canterbury/Dover, all participants are now offered another day-trip to Stratford-upon-Avon, to see Shakespeare's birthplace and to attend a Shakespearean production. Most importantly, some courses now include travel/study experiences outside of the UK. The "Concert Life of Two Cities" travels to Paris; the "Modern British History" course spends time exploring the WWII battlefields of Normandy; the "Dutch Painters at

Home and Abroad" follows the painters to their homes in Amsterdam; and the Conflict Resolution course travels to Belfast, Northern Ireland, to examine the "troubles" first-hand.

**Facilities and Staff.** The very impressive academic building is located on Suffolk Street next to the National Gallery just off Trafalgar Square, and the residence facilities are located in two wonderful residential neighborhoods, one close to Regents Park and the second close to Kensington Palace Gardens. Each residential flat has its own well-equipped kitchen and, as a consequence, most participants prepare their own meals. There is weekly maid service, including weekly linen service. Classes in this program, which in 2008 will accommodate 80–90 participants, are taught by many of the same British faculty that participate in the regular academic-year program. Our rectors are exceptionally experienced. They have served in campus residence halls as rectors; one was a rector for the academic-year London residence facilities, and of course, they have been the mainstays in our residence facilities since our [programme began in 2001.

**Course of Study.** Participants earn six credit hours. Many of courses that are offered fulfill one or more University/college requirements. There are a number of 3-credit-hour courses to select from. In the May/June 2008 program, these are likely to include 3-credit-hour courses in English literature/anthropology, anthropology/sc, history, art history, philosophy/psychology, political science/peace studies/sociology, and two courses in film, theater and television—one of them combining all aspects of FTT. Additionally, a large number of 1- and 2-credit-hour courses that can be bundled together to form a 3-credit-hour course to be used as a general elective is envisioned. Of course, one of the most popular aspects of the program is an intensive midterm travel/study experience. It is during this four-night/five-day period that participants travel to Paris, Normandy, Belfast, or Amsterdam.

Some participants enroll in one of the 3-credit-hour courses and three credits of the fine and performing arts by combining 1- and 2-credit-hour courses. Others chose to enroll in two, 3-credit-hour courses and a few select six 1- and 2-credit-hour courses. All are expected to enroll in six credit hours of academic work that includes an inter-term study experience.

**Costs.** Movements in foreign exchange rates dramatically impact the programme's current costs. In 2005 and 2006, in spite of the very unfavorable exchange rates, the programme fee remained unchanged at \$6,800. The dollar did

not strengthen against the British Pound Sterling in 2007; rather the dollar continued to weaken. In light of this unfortunate exchange rate and the rising costs of air travel, the programme fee for 2007 increased to \$7,250. The fee will increase for 2008 to \$7,900. Applicants will also be asked to provide a "security deposit fee" of \$200. This \$200 fee will be returned to the participant at the end of the program. Student Accounts will bill each participant directly for the full costs of the program in the February/March billing cycle.

These fees cover all transportation costs—international air travel from our gateway city, New York, transfers from Heathrow Airport to residence facilities and return, ground transportation in London (tube/bus passes are provided), and midterm course travel to Amsterdam, Paris, Normandy, and Belfast. The program also covers all residence costs and provides a weekly food allowance. Additionally, the program provides all theater and other admission fees that are part of courses. We have in place a book-loan program for participants. Finally, the program is responsible for housing and an additional food allowance for participants during their midterm travel courses. 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 residential staff, performance admission costs that are not part of courses, or personal spending.

**Application Deadlines.** All of the participants in this programme are regularly enrolled Notre Dame undergraduates. In the 2007 edition of the programme, about 60 percent of our participants were rising juniors, and the remaining participants were rising seniors. About 40 percent of our folks are drawn from arts and letters. The business and science colleges send us approximately 25 percent each. And engineers make up about 10 percent of our group.

Students are admitted on a rolling admission basis. Applications are accepted year-round. Please note that there are no expectations that spots will still be available after fall semester. When all slots are filled, applicants will be offered a place on the wait list and/or a guaranteed place in the next year's program, based on the file stamp date on their applications. If you would like to take advantage of "early admission" to the 2009 programme, the deadline is April 2, 2008. It is anticipated that a significant portion of the participants will be selected as early admission applicants.

It is recommended that students apply early to this programme so that they can better plan their academic programme for the 2008–09 and the 2009–10 academic years and THAT THEY CAN BE ASSURED THERE IS A PLACE FOR THEM IN THIS PROGRAM.

The Admissions Committee is guided by this general rule: Notre Dame students in "good standing" should be offered a place in the Notre Dame London Summer Programme. The Office of Student Financial Aid automatically reviews all accepted applications. Each year, approximately one-fifth of our participants receive some form of financial assistance.

#### 2008 Program Dates:

- March 18, 2008 Information session for 2009/2010 Programme
- April 2, 2008 Early Admission deadline for 2009 Programme
- May 14, 2008 Depart for London
- June 15, 2008 Return from London

**Program Administration.** This programme is administered directly out of the Office of International Study, in 305 Brownson Hall (entrance by Lewis Hall). It is not administered as a part of the academic year London Program. Applications are available online: [nd.edu/~intlstud/apply/apply.html](http://nd.edu/~intlstud/apply/apply.html), from the London Summer Programme website address: [nd.edu/~sumlon](http://nd.edu/~sumlon), or they can be obtained by contacting Liz Reagan at [reagan.9@nd.edu](mailto:reagan.9@nd.edu), (574) 631-0622. Fax: (574) 631-6744. The director/professor emeritus is Thomas R. Swartz. He can be contacted by phone at (269) 445-5104 (home) or by e-mail at [swartz.1@nd.edu](mailto:swartz.1@nd.edu)

#### COURSES OF STUDY

The following 1- and 2-credit courses can be bundled to create three credit units that can be used as general electives. These 3-credit units will not serve as fulfilling the University fine arts requirement and they will not count toward overload limits. Note that only six credit hours may be taken during the London Summer Programme session.

#### AL 34101. Dutch Painters at Home and Abroad

2 credits, Giles Waterfield  
5/14–6/15  
12:45–4:00 F 5/16 and 5/23, 12:45–4:00 R, and W 5/28 to Su 6/1 travel to Amsterdam

#### CRN 3364

This course provides an overview of Dutch painting and architecture in the 17th century, an art style that has wide appeal among art his-

torians and the public at large. This visually attractive and accessible art is shaped by the vigorous history of the Netherlands, a small but powerful and expanding country in the 17th century. The relationship between the history of the country and its artistic achievement will be considered in some depth, particularly in relation to traditional academic readings of the nature of Dutch art.

While the course concentrates on Holland in the 17th century, its activities as a colonial power and its maritime achievement are assessed for their impact on the nature of Dutch art. The remarkable cities of the 17th century will be examined, not only for their architectural achievement, but also as models of successful urban constructs, both in the 1700s and today, both through painted images and through site visits.

The course capitalizes on the remarkable collections of the National Gallery sited as it is immediately next to the premises of Notre Dame and with free entry, and other renowned London art galleries. Participants also travel to Holland for five days and four nights, to take advantage of the extensive collections of 17th-century art in Amsterdam and in the galleries of other Dutch cities.

#### AL 34102. The Concert Life of London and Paris

2 credits, Avril Anderson, David Sutton-Anderson  
5/14–6/15  
12:45–4:00 F 5/16 and 5/23, 12:45–4:00 R, and W 5/28 to Su 6/1 travel to Paris

#### CRN 3365

Participants are given the opportunity of experiencing concert performances in London and Paris. The works heard in the concerts attended will be placed in the broader context of music history from an essentially European perspective. Two or more seminal works from the concert will be studied and analysed as set works for the course.

While in London, students will visit key sites associated with the life and work of G.F. Handel, and the Fenton House, Hampstead, home of the unique Benton Fletcher collection of early keyboard instruments and pianos. The visit includes a tour of the house and a demonstration/recital on a number of the instruments by Prof. Sutton-Anderson, accredited performer at Fenton House. Many prominent musicians and composers (as well as actors, artists, and writers) lived/live in Hampstead, and the visit concludes with a walk through the village.



On the Paris leg of the course, trips will be made to the Palace of Versailles, a musical hot-house of the French Baroque period, and to the Cite de la Musique, the recently completed complex dedicated to the semination of international musical life. Students will also attend Sung Gregorian Mass at Notre Dame Cathedral.

**Set text (recommended).** *Music: A Listener's Introduction* (Harper and Row, New York 1983)  
Pre-course assignment: listening/research on the set works (Mozart: *Symphony in Bb K.319* and Sibelius: *Symphony No. 4 in A Minor*).

#### AL 34103. Shakespeare in Performance

(May be taken as part of FTT 24014 or 24015)  
2 credits, Michael Hattaway/Boika Sokalova  
5/14–6/15  
12:45–4:00 M, 4:15–6:30 W, and 9:15–noon R 6/5 and 6/12

#### CRN 3366

"Shakespeare in the Theatre" is a course that draws upon the theatrical resources of London and Stratford. It is designed as a page-and-stage exercise, where the study of texts in class is linked to seeing and analysing live and filmed performances and the way they make Shakespeare "mean" to modern audiences. The syllabus will cover four texts, most/all of which will be seen in production. Since performance is inscribed in the cultural climate of a place and time, discussion will also consider the influence of the cultural and political vibes of the moment; i.e., the question of how the modern Shakespearean stage negotiates between past and present.

Apart from class work and seeing performances, the learning experience includes a visit to the replica of the Globe playhouse (Shakespeare's Globe) and its excellent exhibitions, which offer rich information about the organisation of Shakespeare's company and the ways the various parts of the theatre worked. A one-day trip to Stratford-upon-Avon will include a tour of the town and a performance at the Royal Shakespeare Company's new theatre.

The course will also include talks by distinguished visiting scholars, thus exposing students to different points of view, critical approaches, and opinion.

Additional activities will be announced in the course of the program as well.

#### Pre-course preparation and work:

Given the demands on time, students are requested to have read the plays before arriving in London. It is easier to read these in individual volumes with footnotes and scholarly introductions, e.g., *The New Cambridge Shakespeare*, *The Oxford Shakespeare*, *The Arden ('New*

*New' Arden) Shakespeare*, etc. (The London Centre has a number of copies of the *Complete Works*, which can be borrowed, but these are heavy volumes, difficult to read from and use in class.)

At their first class, students should submit a short essay on a topic set by the instructor before their arrival in London

The titles of the plays will be announced as soon as the theatre bill for the time of the course is advertised.

#### AL 34104. The Dutch Painters in London

1 credit, Giles Waterfield  
5/14–6/15  
12:45–4:00 R and 12:45–4:00 F 5/16 and 23  
CRN 3367

This course provides an overview of Dutch painting and architecture in the 17th century, an art style that has wide appeal among art historians and the public at-large. This visually attractive and accessible art is shaped by the vigorous history of the Netherlands, a small but powerful and expanding country in the 17th century. The relationship between the history of the country and its artistic achievement will be considered in some depth, particularly in relation to traditional academic readings of the nature of Dutch art.

While the course concentrates on Holland in the 17th century, its activities as a colonial power and its maritime achievement are assessed for their impact on the nature of Dutch art. The remarkable cities of the 17th century will be examined, not only for their architectural achievement but also as models of successful urban constructs, both in the 1700s and today, both through painted images and through site visits.

The course capitalizes on the remarkable collections of the National Gallery, sited as it is, immediately next to the premises of Notre Dame, and with free entry, and other renowned London art galleries.

#### AL 34105. London Concerts

1 credit, Avril Anderson, David Sutton-Anderson  
5/14–6/15  
12:45–4:00 F 5/16 and 23, and 12:45–4:00 R  
CRN 3368

Participants are given the opportunity of experiencing concert performances in London and Paris. The works heard in the concerts attended will be placed in the broader context of music history from an essentially European perspective. Two or more seminal works from the concert will be studied and analysed as set works for the course.

While in London, students will visit key sites associated with the life and work of G.F. Handel, and the Fenton House, Hampstead, home of the unique Benton Fletcher collection of early keyboard instruments and pianos. The visit includes a tour of the house and a demonstration/recital on a number of the instruments by Prof. Sutton-Anderson, accredited performer at Fenton House. Many prominent musicians and composers (as well as actors, artists, and writers) lived/live in Hampstead, and the visit concludes with a walk through the village.

**Set text (recommended).** *Music: A Listener's Introduction* (Harper and Row, New York 1983)  
Pre-course assignment: listening/research on the set works (Mozart: *Symphony in Bb K.319* and Sibelius: *Symphony no. 4 in A minor*).

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**The following course is offered as one of the London Summer Programme's special 1-credit hour courses or it may be taken as one module in the 2-credit course entitled "An Introduction to Film, Television, and Theatre in Britain."**

#### AL 34106. The BBC: The Voice of the Nation

1 credit, Christopher Cook  
(May be taken as part of FTT 24012 or 24013)  
9:15–noon W and 4:15–6:30 R 6/12 only  
CRN 3369

This course will provide an overview of the history and practice of the British Broadcasting Corporation since it came into existence in 1927. The monopoly supplier of broadcasting service for over quarter of a century until the arrival of ITV and commercial television in the late 1950s and deliberately removed from the marketplace by an act of political will, the BBC proceeded to invent its own version of public service broadcasting "to inform, educate and entertain." For three generations, the BBC has effectively set the ideological agenda for all British terrestrial radio and television.

The corporation is bracing itself for the greatest changes in UK broadcasting. In the new digital multi-channel world can the BBC still hope to speak for the nation for which it was created? And as Britain strives to embrace multiculturalism, how easily can an institution created to champion a single national voice adapt itself to cultural change?

This course will take full advantage of the fact that the BBC is based in London, so that we will make a field trip to the BBC Television Studios in West London.

There is no prescribed course book for The BBC:

The Voice of the Nation. However, two relevant and useful texts are noted. These books, along with some others, are all available in the centre. I am always happy to suggest other reading material and, where appropriate, will provide class handouts. The Web, used wisely, remains an important research tool.

### Key Texts

(Selected Readings)

Andrew Crisell. *An Introduction to the History of British Broadcasting* Routledge, (2002)

Curran and Seaton. *Power without*

*Responsibility: The Press and Broadcast in the United Kingdom* Fontana

### AL 34107. The Quiet Englishman: Acting the Hero in British Cinema

(May be taken as part of FTT 24012 or 24013)

1 credit, Christopher Cook

12:45–4:00 M 5/29 and 6/2, and 4:15–6:30 W 6/4 and 6/11

**CRN 3370**

This course will explore the idea of the “hero” in British cinema over the past half-a-century and examine how three different generations of British actors have attempted to create and act a “hero” that reflects the values of their own particular age. British ideas about creating on-screen heroes are markedly different from those embraced by American cinema. Indeed, it could be argued that an idea of Englishness in the cinema is effectively defined by how it presents its leading men. In common with other aspects of British culture, words invariably speak louder than actions in British cinema, so there is a distinctly literary flavour to many films made in this country over the past half-a-century. Students will, therefore, need to be alert to the differences between American and British cinema and the ways in which each “writes” its own version of the hero. The idea of the “hero” and, indeed, the “heroine,” cannot exist in a cultural vacuum, so we shall also be exploring the wider background of the four films that form the core of this course. Those four films will be *Brief Encounter* (1945), *Saturday Night and Sunday Morning* (1960), *Goldfinger* (1964), and *Four Weddings and a Funeral* (1994).

There is no prescribed course book for *The Quiet Englishman: Acting the Hero in British Cinema*. However, a short, relevant bibliography is included in this course outline, and these books and others are all available here in the centre. I am always happy to suggest other reading material and, where appropriate, will provide class handouts. The Web, used wisely, remains an important research tool

### Key Texts

(Selected Readings)

Armes, R.A. *Critical History of British Cinema*.

London: Secker & Warburg, 1978

Durgnat, R.A. *Mirror for England*. London: Faber & Faber, 1970

Christopher Lindner (Editor). *The James Bond Phenomenon: A Critical Reader*

Richards, J. and A. Aldgate. *Best of British*.

Oxford: Basil Blackwell, 1983

Walker, A. *National Heroes*. London: Harrap, 1986

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**The following course is offered as one of the London Summer Programme’s special 1-credit hour courses or it may be taken as one module in the 3-credit course titled “An Introduction to Film, Television, and Theatre in Britain.”**

### AL 34108. British Theatre: The London Scene

(May be taken as part of FTT 24012 or 24014)

1 credit, Christopher Cook

5/14–6/15

12:45–4:00 W and 9:15–noon F 5/23

**CRN 3371**

London has been described as the theatre capital of the world, home to a unique blend of privately and publicly funded theatre that mid-wives new dramatic writing and nurtures a distinctively British style of acting. Visitors think, perhaps, of Lloyd Webber musicals or *The Mousetrap*, the world’s longest running show, but be warned—this course includes no outings to musicals or to *The Mousetrap*. And students who decide to visit *The Woman in Black* are best advised to keep it a dark secret!

We can attend only four productions, so the course will focus on four different kinds of London theatre: mainstream, subsidized houses like Shakespeare’s Globe and the National Theatre; West End companies, like that at the Gielgud Theatre; and one of the most adventurous smaller theatres in the heart of London, the Donmar Warehouse.

This course aims to explore the nature of the theatrical experience and to develop a properly critical appreciation of its constituent elements. This means that you will become far more aware of what you experience in the theatre and better able to judge how the different disciplines within theatre practice can contribute to that experience; namely, playwriting, acting, directing, proxemics (the use of space), and scenography (the use of set design, costume, lighting and sound).

**Required Reading:** The prescribed book for this course is Peter Brook’s *The Empty Space*. But it should be read as a “guide” rather than a “bible” to ways of thinking about theatre, the collected ideas of one of the most radical directors of the past half-century. I am always happy to suggest other reading material and, where appropriate, I will provide class handouts. The Web, used wisely, remains an important research tool.

Students are also advised to think very carefully before signing up for theatre courses because of the high level of time commitment involved.

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**The following course is offered as one of the London Summer Programme’s special 1-credit-hour courses or it may be taken as one module in the 3-credit-course titled An Introduction to Film, Television, and Theatre in Britain.**

### AL 34109. New British Theatre: Off Shaftsbury Avenue

(May be taken as part of FTT 24013 or 24015)

1 credit, Christopher Cook

5/14–6/15

4:15–6:30 M and 4:15–6:30 F 5/16 and 23

**CRN 3372**

You will certainly not be going to any of the commercial theatres that line the streets of the West End of London, those late Victorian and Edwardian theatre palaces in cream, gold, and red plush. However, there will be visits to subsidized spaces that use modest amounts of public funding from central and local government to explore work that would be unlikely to succeed in a purely commercial environment, and journeys out to the theatre fringe of the city, east and west.

The work we will be seeing will be new plays, often by young playwrights, work that is produced on shoestring budgets and performed in small spaces, some of which were never intended to be professional theatres. These plays can be political, socially angry, dangerously funny, and right out on a limb in terms of dramatic form and styles. This is the theatre that Londoners cherish but tourists only rarely discover—theatre at the cutting edge.

Since these plays often deal with contemporary English events and issues, class discussions will inevitably focus on a consideration of the social, cultural, and political contexts in which each play and its production is located. These plays may well be controversial in nature and in subject matter, and students who are sensitive and easily offended should bear this in mind.

The prescribed book for this course is Peter Brook's *The Empty Space*. But it should be read as a "guide" rather than a "bible" to ways of thinking about theatre, the collected ideas of one of the most radical directors of the past half-century. I am always happy to suggest other reading material and, where appropriate, will provide class handouts. The Web, used wisely, remains an important research tool.

Students are also advised to think very carefully before signing up for theatre courses because of the high level of time commitment involved.

### ANTH 34720. Medical Practice and Policy UK

(cross-listed with SSCP 44497 and STV 34166)  
3 credits, Cornelius O'Boyle  
5/14–6/15

MTR 9:15–noon, W 12:45–4:00, and  
9:15–noon F 5/16 and 5/23

#### CRN 3107

This course introduces American students to the structure of socialized medicine in Britain and the public welfare system of which it forms a part. The course begins with a history of the National Health Service (NHS) and a description of the principles underpinning the system. The course then explores British medical education and the various careers available to medical doctors in Britain. Special attention is paid to the reforms currently being introduced to medical education. The course ends with an examination of the challenges facing the NHS. These include financial constraints; administrative changes in the provision of medical services; the changing balance between primary care and hospital medicine; the demands of new medical technology; new ethical challenges in medicine; and the relationship between public and private medicine.

The course will be taught primarily in the form of a discussion group. Students will be encouraged to make comparisons and contrasts between the American and British system of health care. Visits will also be made to places of relevant historical interest to give students greater appreciation of the background to the problems facing health care providers in London.

#### Required Texts:

James Le Fanu. *The Rise and Fall of Modern Medicine* (Abacas Books, 1999) [R149.L45]  
(four copies on reserve in the library)

Ivan Illich. *Limits to Medicine: Medical Nemesis, The Expropriation of Health* (Penguin, 1977) [RA418.L44] (two copies on reserve in the library)

#### Recommended Texts:

Michael Fitzpatrick. *The Tyranny of Health: Doctors and the Regulation of Lifestyles*

(Routledge, 2001) [RA395.G6.F586]

Christopher Ham. *Health Policy in Britain*, 4<sup>th</sup> ed. (Macmillan, 1999) [RA395.G6.H29]

Helen Jones. *Health and Society in Twentieth-Century Britain* (Longman, 1994) [RA418.G7.J65]

Rudolf Klein. *The New Politics of the NHS*, 4<sup>th</sup> edition (Longman, 2001) [RA395.G6.K64]

#### Pre-Program Assignment: To be Announced

### ANTH 44338. Ethnic Conflict Resolution in Ireland and Northern Ireland

(cross-listed with IRST 44413/IIPS 44501/POL SCI 34424)

3 credits, Brendan O'Duffy

12:45–4:00 F 5/16 and 23, 12:45–4:00 TR, and W 5/28 to Su 6/1 to Northern Ireland

#### CRN 3124

This course aims to analyse the ways in which British and Irish governments have attempted to resolve or regulate the conflict in Ireland and Northern Ireland in the modern era. After outlining the historical, religious, and political foundations of the conflict, the bulk of the course will focus on the period from the Civil Rights Era (1960s) until and the negotiation and implementation of the Belfast (Good Friday) Agreement (1998–2007).

The course will comprise a mixture of lectures, seminars and a 5-day field-trip to Belfast and Armagh in Northern Ireland. Given the concentrated structure of the course, students will be expected to have read thoroughly the pre-assignment reading (the first three chapters of the core text) before they arrive in London.

**Core text.** McKittrick, D. and McVea, D. *Making Sense of the Troubles*

#### Other useful texts:

O'Leary, B. and McGarry, J. *The Politics of Antagonism: Understanding Northern Ireland* 2nd Edition (Athlone Press, 1996)

McGarry, J. and O'Leary, B. *Explaining Northern Ireland: Broken Images* (Oxford: Blackwell, 1995).

Ruane, J. and Todd, J. *The Dynamics of Conflict in Northern Ireland* 2<sup>nd</sup> Edition (Cambridge: CUP, 2001)

Whyte, J. *Interpreting Northern Ireland* (Oxford: University Press, 1990).

Bew, P., Gibbon, P., and Patterson, H. *Northern Ireland 1921–1996: Political Forces and Social Classes* (London: Serif, 1996).

Buckland, P. *A History of Northern Ireland* (Gill and Macmillan, 1981).

Mansergh, N. *The Irish Question, 1840–1921* (Allen and Unwin, 1976).

Mansergh, N. *The Unresolved Question: The Anglo-Irish Settlement and Its Undoing, 1912–972* (Yale, 1991).

Kee, R. *The Green Flag* Three Volumes (Weidenfeld and Nicholson, 1972)

O'Sullivan, K. *First World Nationalisms: Class and Ethnic Politics in Northern Ireland and Quebec* (Chicago: University of Chicago Press, 1986).

Keogh, D. and Haltzel, M. (eds.) *Northern Ireland and the Politics of Reconciliation* (Cambridge UP, 1994).

Wichert, S. *Northern Ireland since 1945* (London: Longman, 1998).

### ARHI 24351. Art of the Netherlands in the Seventeenth Century

3 credits, Giles Waterfield

12:45–4:00 F 5/16 and 23, 12:45–4:00 TR, and W 5/28 to Su 6/1 to Amsterdam

#### CRN 3360

This course provides an overview of Dutch painting and architecture in the 17th century, an art style that has wide appeal among art historians and the public at large. This visually attractive and accessible art is shaped by the vigorous history of the Netherlands, a small but powerful and expanding country in the 17th century. The relationship between the history of the country and its artistic achievement will be considered in some depth, particularly in relation to traditional academic readings of the nature of Dutch art.

While the course concentrates on Holland in the 17th century, its activities as a colonial power and its maritime achievement are assessed for their impact on the nature of Dutch art. The remarkable cities of the 17th century will be examined, not only for their architectural achievement but also as models of successful urban constructs, both in the 1700s and today, both through painted images and through site visits.

The course capitalizes on the remarkable collections of the National Gallery and other renowned London art galleries. Participants also travel to Holland for five days and four nights, to take advantage of the extensive collections of 17th-century art in Amsterdam and in the galleries of other Dutch cities.

#### Set Texts:

Gombrich, E.H. *The Story of Art* (1950, many later editions):-

Introduction: "On Art and Artists"

Chapter 20: "The Mirror of Nature"

Fuchs, W.H. *Dutch Painting* (Thames and Hudson, 1996): Chapters 2–5

Slive, S. *Dutch Painting 1600–1800* (Yale University Press, 1995):

Chapter 2: "Historical Background"

Introductions to chapters 3, 6, 7, 8, 9, 10, 11 (pp. 246–8), 13 (277–9)

Schama, S. *The Embarrassment of Riches* (Collins, 1987):

Introduction

Chapter 5

Alpers, S. *The Art of Describing: Dutch Art in the Seventeenth Century* (University of Chicago Press, 1984):

Introduction

Chapters 1 and 2

### ENGL 44515. London Writers

3 credits, Gill Gregory

6/14–6/15

9:15–noon F 5/16 and 23, 9:15–noon MTR, and 12:45–4:00 W

#### CRN 3361

This course considers the work of a wide range of London writers from the late 19th century to date. The texts studied include fiction, poetry, plays, essays, and historical and biographical materials, along with contemporary criticism and articles. The ways in which London figures in these texts as a dynamic, complex, and cultural hub of ideas, movements, and histories are explored throughout the course. We will also consider the extent to which individual writers and groups interact, imagine, and, at times, reinvent and critique the contexts within which they were working.

#### Set Texts

Doyle, A. C. *The Adventures of Sherlock Holmes*

Shaw, G.B. *Pygmalion*

Forster, E.M. "The Machine Stops" (photocopies provided)

Woolf, V. *Mrs. Dalloway*

McEwan, I. *Saturday*

Syal, M. *Life Isn't All Ha Ha Hee Hee*

Benson et al, *New Poems On The Underground*

Photocopies of bibliographies and relevant critical and historical material will be provided throughout the course.

#### Pre-Course Assignment:

Please read George Bernard Shaw's *Pygmalion* and write 500 words on the ways in which the city is depicted as a dynamic context for the exploration of ideas relating to social class, gender, and language.

**The following 1-credit courses are bundled together to create a 3-credit course**

### (1) FTT 24012. An Introduction to FTT in London with British Theatre the London Scene

1 credit, Christopher Cook

#### CRN 3375

### The Quiet Englishman: Acting the Hero in British Cinema

Christopher Cook

12:45–4:00 M 5/19 and 6/2, and 4:15–6:30 W 6/4 and 6/11

This course will explore the idea of the "hero" in British cinema over the past half-a-century and examine how three different generations of British actors have attempted to create and act a "hero" that reflects the values of their own particular age. British ideas about creating on-screen heroes are markedly different from those embraced by American cinema. Indeed, it could be argued that an idea of Englishness in the cinema is effectively defined by how it presents its leading men. In common with other aspects of British culture, words invariably speak louder than actions in British cinema, so there is a distinctly literary flavour to many films made in this country over the past half-a-century. Students will, therefore, need to be alert to the differences between American and British cinema and the ways in which each "writes" its own version of the hero. The idea of the "hero" and, indeed, the "heroine," cannot exist in a cultural vacuum, so we shall also be exploring the wider background of the four films that form the core of this course. Those four films will be *Brief Encounter* (1945), *Saturday Night and Sunday Morning* (1960), *Goldfinger* (1964), and *Four Weddings and a Funeral* (1994).

There is no prescribed course book for *The Quiet Englishman: Acting the Hero in British Cinema*. However, a short, relevant bibliography is included in this course outline, and these books and others are all available here in the centre. I am always happy to suggest other reading material and, where appropriate, will provide class handouts. The Web, used wisely, remains an important research tool

#### Key Texts

(Selected Readings)

Armes, R.A. *Critical History of British Cinema*.

London: Secker & Warburg, 1978

Durgnat, R.A. *Mirror for England*. London: Faber & Faber, 1970

Christopher Lindner (Editor). *The James Bond Phenomenon: A Critical Reader*

Richards, J. and A. Aldgate. *Best of British*.

Oxford: Basil Blackwell, 1983

Walker, A. *National Heroes*. London. Harrap, 1986

### WITH

#### The BBC: The Voice of the Nation

1 credit, Christopher Cook

W 9:15–noon and R 6/12 only 4:15–6:30

This course will provide an overview of the history and practice of the British Broadcasting Corporation since it came into existence in 1927. The monopoly supplier of broadcasting service for over quarter of a century until the arrival of ITV and commercial television in the late 1950s and deliberately removed from the marketplace by an act of political will, the BBC proceeded to invent its own version of public service broadcasting "to inform, educate and entertain." For three generations, the BBC has effectively set the ideological agenda for all British terrestrial radio and television.

The corporation is bracing itself for the greatest changes in UK broadcasting. In the new digital multi-channel world can the BBC still hope to speak for the nation for which it was created? And as Britain strives to embrace multiculturalism, how easily can an institution created to champion a single national voice adapt itself to cultural change?

This course will take full advantage of the fact that the BBC is based in London, so that we will make a field trip to the BBC Television Studios in West London.

There is no prescribed course book for *The BBC: The Voice of the Nation*. However, two relevant and useful texts are noted. These books, along with some others, are all available in the centre. I am always happy to suggest other reading material and, where appropriate, will provide class handouts. The Web, used wisely, remains an important research tool.

#### Key Texts

(Selected Readings)

Andrew Crisell. *An Introduction to the History of British Broadcasting* Routledge, (2002)

Curran and Seaton. *Power without*

*Responsibility: The Press and Broadcast in the United Kingdom* Fontana

### AND

#### British Theatre: The London Scene

(May be taken as part of FTT 24012 or 24014)

1 credit, Christopher Cook

5/14–6/15

2:45–4:00 W and 9:15–noon F 5/23

#### CRN 3371

London has been described as the theatre capital of the world, home to a unique blend of privately and publicly funded theatre that midwives new dramatic writing and nurtures a distinctively British style of acting. Visitors think, perhaps, of Lloyd Webber musicals or *The*

*Mousetrap*, the world's longest running show, but be warned—this course includes no outings to musicals or to *The Mousetrap*. And students who decide to visit *The Woman in Black* are best advised to keep it a dark secret!

We can attend only four productions, so the course will focus on four different kinds of London theatre: mainstream, subsidized houses like Shakespeare's Globe and the National Theatre; West End companies, like that at the Gielgud Theatre; and one of the most adventurous smaller theatres in the heart of London, the Donmar Warehouse.

This course aims to explore the nature of the theatrical experience and to develop a properly critical appreciation of its constituent elements. This means that you will become far more aware of what you experience in the theatre and better able to judge how the different disciplines within theatre practice can contribute to that experience; namely, playwriting, acting, directing, proxemics (the use of space), and scenography (the use of set design, costume, lighting and sound).

**Required Reading:** The prescribed book for this course is Peter Brook's *The Empty Space*. But it should be read as a "guide" rather than a "bible" to ways of thinking about theatre, the collected ideas of one of the most radical directors of the past half-century. I am always happy to suggest other reading material and, where appropriate, I will provide class handouts. The Web, used wisely, remains an important research tool.

Students are also advised to think very carefully before signing up for theatre courses because of the high level of time commitment involved.

**The following 1-credit courses are bundled together to create a 3-credit course.**

**(2) FTT 24013. An Introduction to FTT: Theatre in London with New Theatre Off Shaftsbury Avenue**

Christopher Cook

**The Quiet Englishman: Acting the Hero in British Cinema**

(May be taken as part of FTT 24012 or 24013)

1 credit, Christopher Cook

12:45–4:00 M 5/19 and 6/ 2, and 4:15–6:30

W 6/4 and 6/11

**CRN 3370**

This course will explore the idea of the "hero" in British cinema over the past half-a-century and examine how three different generations of British actors have attempted to create and act a "hero" that reflects the values of their own

particular age. British ideas about creating on-screen heroes are markedly different from those embraced by American cinema. Indeed, it could be argued that an idea of Englishness in the cinema is effectively defined by how it presents its leading men. In common with other aspects of British culture, words invariably speak louder than actions in British cinema, so there is a distinctly literary flavour to many films made in this country over the past half-a-century. Students will, therefore, need to be alert to the differences between American and British cinema and the ways in which each "writes" its own version of the hero. The idea of the "hero" and, indeed, the "heroine," cannot exist in a cultural vacuum, so we shall also be exploring the wider background of the four films that form the core of this course. Those four films will be *Brief Encounter* (1945), *Saturday Night and Sunday Morning* (1960), *Goldfinger* (1964), and *Four Weddings and a Funeral* (1994).

There is no prescribed course book for *The Quiet Englishman: Acting the Hero in British Cinema*. However, a short, relevant bibliography is included in this course outline, and these books and others are all available here in the centre. I am always happy to suggest other reading material and, where appropriate, will provide class handouts. The Web, used wisely, remains an important research tool.

#### Key Texts

(Selected Readings)

Armes, R.A. *Critical History of British Cinema*.

London: Secker & Warburg, 1978

Durgnat, R.A. *Mirror for England*. London: Faber & Faber, 1970

Christopher Lindner (Editor). *The James Bond Phenomenon: A Critical Reader*

Richards, J. and A. Aldgate. *Best of British*.

Oxford: Basil Blackwell, 1983

Walker, A. *National Heroes*. London. Harrap, 1986

#### WITH

**The BBC: The Voice of the Nation**

1 credit, Christopher Cook

5/14–6/15

9:15–noon and 4:15–6:30 R 6/12 only

This course will provide an overview of the history and practice of the British Broadcasting Corporation since it came into existence in 1927. The monopoly supplier of broadcasting service for over quarter of a century until the arrival of ITV and commercial television in the late 1950s and deliberately removed from the marketplace by an act of political will, the BBC proceeded to invent its own version of public service broadcasting "to inform, educate and entertain." For three generations, the BBC has

effectively set the ideological agenda for all British terrestrial radio and television.

The corporation is bracing itself for the greatest changes in UK broadcasting. In the new digital multi-channel world can the BBC still hope to speak for the nation for which it was created? And as Britain strives to embrace multiculturalism, how easily can an institution created to champion a single national voice adapt itself to cultural change?

This course will take full advantage of the fact that the BBC is based in London, so that we will make a field trip to the BBC Television Studios in West London.

There is no prescribed course book for *The BBC: The Voice of the Nation*. However, two relevant and useful texts are noted. These books, along with some others, are all available in the centre. I am always happy to suggest other reading material and, where appropriate, will provide class handouts. The Web, used wisely, remains an important research tool.

#### Key Texts

(Selected Readings)

Andrew Crisell. *An Introduction to the History of British Broadcasting* Routledge, (2002)

Curran and Seaton. *Power without Responsibility: The Press and Broadcast in the United Kingdom* Fontana

#### AND

**New British Theatre: Off Shaftsbury Avenue**

1 credit, Christopher Cook

5/14–6/15

4:15–6:30 M and 4:15–6:30 F 5/16 and 5/23

You will certainly not be going to any of the commercial theatres that line the streets of the West End of London, those late Victorian and Edwardian theatre palaces in cream, gold, and red plush. However, there will be visits to subsidized spaces that use modest amounts of public funding from central and local government to explore work that would be unlikely to succeed in a purely commercial environment, and journeys out to the theatre fringe of the city, east and west.

The work we will be seeing will be new plays, often by young playwrights, work that is produced on shoestring budgets and performed in small spaces, some of which were never intended to be professional theatres. These plays can be political, socially angry, dangerously funny, and right out on a limb in terms of dramatic form and styles. This is the theatre that Londoners cherish but tourists only rarely discover—theatre at the cutting edge.

Since these plays often deal with contemporary English events and issues, class discussions will inevitably focus on a consideration of the social, cultural, and political contexts in which each play and its production is located. These plays may well be controversial in nature and in subject matter, and students who are sensitive and easily offended should bear this in mind.

The prescribed book for this course is Peter Brook's *The Empty Space*. But it should be read as a "guide" rather than a "bible" to ways of thinking about theatre, the collected ideas of one of the most radical directors of the past half-century. I am always happy to suggest other reading material and, where appropriate, will provide class handouts. The Web, used wisely, remains an important research tool.

Students are also advised to think very carefully before signing up for theatre courses because of the high level of time commitment involved.

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**The following 1- and 2-credit courses are bundled together to create a 3-credit course.**

### (3) FTT 24014. Theatre on the London Stage

**Shakespeare and British Theatre the London Scene**  
CRN 3376

#### Shakespeare in Performance

2 credits, Michael Hattaway/Boika Sokolova  
5/14–6/15

12:45–4:00 M, 4:15–6:30 W, and 9:15–noon R  
"Shakespeare in the Theatre" is a course that draws upon the theatrical resources of London and Stratford. It is designed as a page-and-stage exercise, where the study of texts in class is linked to seeing and analysing live and filmed performances and the way they make Shakespeare "mean" to modern audiences. The syllabus will cover four texts, most/all of which will be seen in production. Since performance is inscribed in the cultural climate of a place and time, discussion will also consider the influence of the cultural and political vibes of the moment; i.e., the question of how the modern Shakespearean stage negotiates between past and present.

Apart from class work and seeing performances, the learning experience includes a visit to the replica of the Globe playhouse (Shakespeare's Globe) and its excellent exhibitions, which offer rich information about the organisation of Shakespeare's company and the ways the various parts of the theatre worked. A one-day trip to Stratford-upon-Avon will include a tour of the

town and a performance at the Royal Shakespeare Company's new theatre.

The course will also include talks by distinguished visiting scholars, thus exposing students to different points of view, critical approaches, and opinion.

Additional activities will be announced in the course of the program as well.

#### Pre-course preparation and work:

Given the demands on time, students are requested to have read the plays before arriving in London. It is easier to read these in individual volumes with footnotes and scholarly introductions, e.g., *The New Cambridge Shakespeare*, *The Oxford Shakespeare*, *The Arden ('New New' Arden) Shakespeare*, etc. (The London Centre has a number of copies of the *Complete Works*, which can be borrowed, but these are heavy volumes, difficult to read from and use in class.)

At their first class, students should submit a short essay on a topic set by the instructor before their arrival in London

The titles of the plays will be announced as soon as the theatre bill for the time of the course is advertised.

#### AND

#### British Theatre: The London Scene

(May be taken as part of FTT 24012 or 24014)  
1 credit, Christopher Cook

5/14–6/15

12:45–4:00 W and 9:15–noon F 5/23

CRN 3371

London has been described as the theatre capital of the world, home to a unique blend of privately and publicly funded theatre that midwives new dramatic writing and nurtures a distinctively British style of acting. Visitors think, perhaps, of Lloyd Webber musicals or *The Mousetrap*, the world's longest running show, but be warned—this course includes no outings to musicals or to *The Mousetrap*. And students who decide to visit *The Woman in Black* are best advised to keep it a dark secret!

We can attend only four productions, so the course will focus on four different kinds of London theatre: mainstream, subsidized houses like Shakespeare's Globe and the National Theatre; West End companies, like that at the Gielgud Theatre; and one of the most adventurous smaller theatres in the heart of London, the Donmar Warehouse.

This course aims to explore the nature of the theatrical experience and to develop a properly critical appreciation of its constituent elements. This means that you will become far more aware of what you experience in the theatre and better

able to judge how the different disciplines within theatre practice can contribute to that experience; namely, playwriting, acting, directing, proxemics (the use of space), and scenography (the use of set design, costume, lighting and sound).

**Required Reading:** The prescribed book for this course is Peter Brook's *The Empty Space*. But it should be read as a "guide" rather than a "bible" to ways of thinking about theatre, the collected ideas of one of the most radical directors of the past half-century. I am always happy to suggest other reading material and, where appropriate, I will provide class handouts. The Web, used wisely, remains an important research tool.

Students are also advised to think very carefully before signing up for theatre courses because of the high level of time commitment involved.

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**The following 1- and 2-credit courses are bundled together to create a 3-credit course.**

### (4) FTT 24015. Theatre on the London Stage: Shakespeare and New Theatre On and Off Shaftsbury Avenue CRN 3396

#### Shakespeare in Performance

2 credits, Michael Hattaway/Boika Sokolova  
12:45–4:00 M, 4:15–6:30 W, and 9:15–noon R 6/7 and 6/14

"Shakespeare in the Theatre" is a course that draws upon the theatrical resources of London and Stratford. It is designed as a page-and-stage exercise, where the study of texts in class is linked to seeing and analysing live and filmed performances and the way they make Shakespeare "mean" to modern audiences. The syllabus will cover four texts, most/all of which will be seen in production. Since performance is inscribed in the cultural climate of a place and time, discussion will also consider the influence of the cultural and political vibes of the moment; i.e., the question of how the modern Shakespearean stage negotiates between past and present.

Apart from class work and seeing performances, the learning experience includes a visit to the replica of the Globe playhouse (Shakespeare's Globe) and its excellent exhibitions, which offer rich information about the organisation of Shakespeare's company and the ways the various parts of the theatre worked. A one-day trip to Stratford-upon-Avon will include a tour of the town and a performance at the Royal Shakespeare Company's new theatre.

The course will also include talks by distinguished visiting scholars, thus exposing students to different points of view, critical approaches, and opinion.

Additional activities will be announced in the course of the program as well.

#### Pre-course preparation and work:

Given the demands on time, students are requested to have read the plays before arriving in London. It is easier to read these in individual volumes with footnotes and scholarly introductions, e.g., *The New Cambridge Shakespeare*, *The Oxford Shakespeare*, *The Arden ('New New' Arden) Shakespeare*, etc. (The London Centre has a number of copies of the *Complete Works*, which can be borrowed, but these are heavy volumes, difficult to read from and use in class.)

At their first class, students should submit a short essay on a topic set by the instructor before their arrival in London

The titles of the plays will be announced as soon as the theatre bill for the time of the course is advertised.

#### AND

#### New British Theatre: Off Shaftsbury Avenue

1 credit, Christopher Cook  
5/14–6/15

4:15–6:30 M and 4:15–6:30 F 5/16 and 5/23  
You will certainly not be going to any of the commercial theatres that line the streets of the West End of London, those late Victorian and Edwardian theatre palaces in cream, gold, and red plush. However, there will be visits to subsidized spaces that use modest amounts of public funding from central and local government to explore work that would be unlikely to succeed in a purely commercial environment, and journeys out to the theatre fringe of the city, east and west.

The work we will be seeing will be new plays, often by young playwrights, work that is produced on shoestring budgets and performed in small spaces, some of which were never intended to be professional theatres. These plays can be political, socially angry, dangerously funny, and right out on a limb in terms of dramatic form and styles. This is the theatre that Londoners cherish but tourists only rarely discover—theatre at the cutting edge.

Since these plays often deal with contemporary English events and issues, class discussions will inevitably focus on a consideration of the social, cultural, and political contexts in which each

play and its production is located. These plays may well be controversial in nature and in subject matter, and students who are sensitive and easily offended should bear this in mind.

The prescribed book for this course is Peter Brook's *The Empty Space*. But it should be read as a "guide" rather than a "bible" to ways of thinking about theatre, the collected ideas of one of the most radical directors of the past half-century. I am always happy to suggest other reading material and, where appropriate, will provide class handouts. The Web, used wisely, remains an important research tool.

Students are also advised to think very carefully before signing up for theatre courses because of the high level of time commitment involved.

#### HIST 34420. Twentieth-Century British History 1900–90

3 credits, Keith Surridge

5/14–6/15

12:45–4:00 TR, 12:45–4:00 F 5/16 and 23, and W 5/28 to Su 6/1 to Normandy

#### CRN 3134

This course is a chronological examination of 20th-century Britain and will look at British history in its political, social, economic, and cultural aspects. It will focus on Britain and the Second World War, particularly as we will be visiting the Normandy beaches. Various themes will be considered, such as Britain's economic decline, the impact of two world wars on British political and social life, and general changes in state and society. The course will start at the end of the Victorian era and conclude with the downfall of Mrs. Thatcher. Topics covered will include the two world wars; the rise of the welfare state; and the advent of consumerism and the permissive society.

**Main course book:** Lloyd, T. *Empire, Welfare State, Europe: English History 1906–1992*

#### Complementary course books:

Ambrose, S. *D-Day*.

Johnson, P. (ed.), *Twentieth-Century Britain. Economic, Social and Cultural Change*.

Butler, L. and Jones, H. *Britain in the Twentieth Century*, vols. 1 & 2. Documentary Readers. The book review should be about 1,000 words in length. It should say something about the author: the argument put forward by the author (is he biased toward one side or the other); and, of course, what the book is about, by giving some account of the content. For guidance, it would be good if you could read the reviews in a history journal, such as the *American Historical Review* or the *English Historical Review*, both of which should be in the Notre Dame library, as will other history journals.

I am quite willing to answer any questions relating to the book review before students arrive in Britain. My e-mail address is keith.surridge.2@nd.edu.

#### IRST 44413. Ethnic Conflict Resolution in Ireland and Northern Ireland

(cross-listed with ANTH 44338/IIPS 44501/POL SCI 34424)

1 credit, Brendan O'Duffy

5/14–6/15

12:45–4:00 TR, 12:45–4:00 F 5/16 and 5/23, and W 5/28 to Su 6/1 to Northern Ireland

#### CRN 3123

This course aims to analyse the ways in which British and Irish governments have attempted to resolve or regulate the conflict in Ireland and Northern Ireland in the modern era. After outlining the historical, religious, and political foundations of the conflict, the bulk of the course will focus on the period from the Civil Rights Era (1960s) until the negotiation and implementation of the Belfast (Good Friday) Agreement (1998–2007).

The course will comprise a mixture of lectures, seminars and a 5-day field-trip to Belfast and Armagh in Northern Ireland. Given the concentrated structure of the course, students will be expected to have read thoroughly the pre-assignment reading (the first three chapters of the core text) before they arrive in London.

**Core text.** McKittrick, D. and McVea, D. *Making Sense of the Troubles*

#### Other useful texts:

O'Leary, B. and McGarry, J. *The Politics of Antagonism: Understanding Northern Ireland* 2nd Edition (Athlone Press, 1996)

McGarry, J. and O'Leary, B. *Explaining Northern Ireland: Broken Images* (Oxford: Blackwell, 1995).

Ruane, J. and Todd, J. *The Dynamics of Conflict in Northern Ireland* 2<sup>nd</sup> Edition (Cambridge: CUP, 2001)

Whyte, J. *Interpreting Northern Ireland* (Oxford: University Press, 1990).

Bew, P., Gibbon, P., and Patterson, H. *Northern Ireland 1921–1996: Political Forces and Social Classes* (London: Serif, 1996).

Buckland, P. *A History of Northern Ireland* (Gill and Macmillan, 1981).

Mansergh, N. *The Irish Question, 1840–1921* (Allen and Unwin, 1976).

Mansergh, N. *The Unresolved Question: The Anglo-Irish Settlement and Its Undoing, 1912–972* (Yale, 1991).

Kee, R. *The Green Flag* Three Volumes (Weidenfeld and Nicholson, 1972)

O'Sullivan, K. *First World Nationalisms: Class and Ethnic Politics in Northern Ireland and*

Quebec (Chicago: University of Chicago Press, 1986).

Keogh, D. and Haltzel, M. (eds.) *Northern Ireland and the Politics of Reconciliation* (Cambridge UP, 1994).

Wichert, S. *Northern Ireland since 1945* (London: Longman, 1998).

### MUS 14902. The Concert Life of Two Cities

2 credits, Avril Anderson, David Sutton-Anderson

5/14–6/16

12:45–4:00 R, 12:45–4:00 F 5/16 and 5/23, and W 5/28 to Su 6/1 travel to Paris

**CRN 3363**

Participants are given the opportunity of experiencing concert performances in London and Paris. The works heard in the concerts attended will be placed in the broader context of music history from an essentially European perspective. Two or more seminal works from the concert will be studied and analysed as set works for the course.

While in London, students will visit key sites associated with the life and work of G.F. Handel, and the Fenton House, Hampstead, home of the unique Benton Fletcher collection of early keyboard instruments and pianos. The visit includes a tour of the house and a demonstration/recital on a number of the instruments by Prof. Sutton-Anderson, accredited performer at Fenton House. Many prominent musicians and composers (as well as actors, artists, and writers) lived/live in Hampstead, and the visit concludes with a walk through the village.

On the Paris leg of the course, trips will be made to the Palace of Versailles, a musical hot-house of the French Baroque period, and to the Cite de la Musique, the recently completed complex dedicated to the semination of international musical life. Students will also attend Sung Gregorian Mass at Notre Dame Cathedral.

**Set text (recommended).** *Music: A Listener's Introduction* (Harper and Row, New York 1983) Pre-course assignment: listening/research on the set works (Mozart: *Symphony in Bb K.319* and Sibelius: *Symphony No. 4 in A Minor*).

### IIPS 44501. Ethnic Conflict Resolution in Ireland and Northern Ireland

(cross-listed with IRST 44413/ANTH 44338/POL SCI 34424)

3 credits, Brendan O'Duffy

12:45–4:00 TR, 12:45–4:00 F 5/6 and 5/23, and W 5/28 to Su 6/1 to Northern Ireland

**CRN 3121**

This course aims to analyse the ways in which British and Irish governments have attempted to

resolve or regulate the conflict in Ireland and Northern Ireland in the modern era. After outlining the historical, religious, and political foundations of the conflict, the bulk of the course will focus on the period from the Civil Rights Era (1960s) until and the negotiation and implementation of the Belfast (Good Friday) Agreement (1998–2007).

The course will comprise a mixture of lectures, seminars and a 5-day field-trip to Belfast and Armagh in Northern Ireland. Given the concentrated structure of the course, students will be expected to have read thoroughly the pre-assignment reading (the first three chapters of the core text) before they arrive in London.

**Core text.** McKittrick, D. and McVea, D.

*Making Sense of the Troubles*

**Other useful texts:**

O'Leary, B. and McGarry, J. *The Politics of Antagonism: Understanding Northern Ireland* 2nd Edition (Athlone Press, 1996)

McGarry, J. and O'Leary, B. *Explaining Northern Ireland: Broken Images* (Oxford: Blackwell, 1995).

Ruane, J. and Todd, J. *The Dynamics of Conflict in Northern Ireland* 2<sup>nd</sup> Edition (Cambridge: CUP, 2001)

Whyte, J. *Interpreting Northern Ireland* (Oxford: University Press, 1990).

Bew, P., Gibbon, P., and Patterson, H. *Northern Ireland 1921–1996: Political Forces and Social Classes* (London: Serif, 1996).

Buckland, P. *A History of Northern Ireland* (Gill and Macmillan, 1981).

Mansergh, N. *The Irish Question, 1840–1921* (Allen and Unwin, 1976).

Mansergh, N. *The Unresolved Question: The Anglo-Irish Settlement and Its Undoing, 1912–972* (Yale, 1991).

Kee, R. *The Green Flag* Three Volumes (Weidenfeld and Nicholson, 1972)

O'Sullivan, K. *First World Nationalisms: Class and Ethnic Politics in Northern Ireland and Quebec* (Chicago: University of Chicago Press, 1986).

Keogh, D. and Haltzel, M. (eds.) *Northern Ireland and the Politics of Reconciliation* (Cambridge UP, 1994).

Wichert, S. *Northern Ireland since 1945* (London: Longman, 1998).

### PHIL 24277. A Philosophical Introduction to the Mind

(cross-listed with PSY 24130)

3 credits, James Hopkins

5/14–6/15

9:15–noon MTR, 12:45–4:00 W, and 9:15–noon F 5/16

**CRN 3135**

The overall aim of this course is to introduce students to the application of philosophical methods of analysis and argument in understanding the mind and its relation to the brain, as we encounter these in pure philosophy and also in some examples of behavioural and neural science. Accordingly, the course will begin with a brief review and examination of a pre-course assignment on arguments and disambiguation, which introduces topics to be applied in the remainder of the course. (Students will be provided with tutorial help on these matters should this be relevant). After this, we will consider the topic of concepts, considering, in particular, the difference between mental and physical concepts; that is, the different ways we think of material things as opposed to the mind. This will enable us to consider in depth two of the main arguments that have been brought to bear on the understanding of mind and brain: the separation argument for dualism, first rigorously formulated by Descartes and employed by many philosophers and scientists to the present day; and the causal argument for physicalism, which, together with advances in neuroscience, has had particular influence in recent decades.

These arguments will be presented together with the phenomenological and causal considerations that render them plausible, and will be the topic of a required essay (1,000–2,500 words), which will be discussed one-to-one with a member of the teaching staff.

**Pre-course Assignment:** Students will be given a detailed pre-course assignment on arguments and their evaluation, which will be examined at the beginning of the course.

### POLS 34424. Ethnic Conflict Resolution in Ireland and Northern Ireland

(cross-listed with IRST 44413/ANTH 44338 / IIPS 44501)

3 credits, Brendan O'Duffy

5/14–6/15

12:45–4:00 TR, 12:45–4:00 F 5/16 and 5/23, and W 5/28 to Su 6/1 to Northern Ireland

**CRN 3122**

This course aims to analyse the ways in which British and Irish governments have attempted to resolve or regulate the conflict in Ireland and Northern Ireland in the modern era. After outlining the historical, religious, and political foundations of the conflict, the bulk of the course will focus on the period from the Civil Rights Era (1960s) until and the negotiation and implementation of the Belfast (Good Friday) Agreement (1998–2007).



The course will comprise a mixture of lectures, seminars and a 5-day field-trip to Belfast and Armagh in Northern Ireland. Given the concentrated structure of the course, students will be expected to have read thoroughly the pre-assignment reading (the first three chapters of the core text) before they arrive in London.

**Core text.** McKittrick, D. and McVea, D. *Making Sense of the Troubles*

**Other useful texts:**

O'Leary, B. and McGarry, J. *The Politics of Antagonism: Understanding Northern Ireland* 2nd Edition (Athlone Press, 1996)

McGarry, J. and O'Leary, B. *Explaining Northern Ireland: Broken Images* (Oxford: Blackwell, 1995).

Ruane, J. and Todd, J. *The Dynamics of Conflict in Northern Ireland* 2<sup>nd</sup> Edition (Cambridge: CUP, 2001)

Whyte, J. *Interpreting Northern Ireland* (Oxford: University Press, 1990).

Bew, P., Gibbon, P., and Patterson, H. *Northern Ireland 1921–1996: Political Forces and Social Classes* (London: Serif, 1996).

Buckland, P. *A History of Northern Ireland* (Gill and Macmillan, 1981).

Mansergh, N. *The Irish Question, 1840–1921* (Allen and Unwin, 1976).

Mansergh, N. *The Unresolved Question: The Anglo-Irish Settlement and Its Undoing, 1912–972* (Yale, 1991).

Kee, R. *The Green Flag* Three Volumes (Weidenfeld and Nicholson, 1972)

O'Sullivan, K. *First World Nationalisms: Class and Ethnic Politics in Northern Ireland and Quebec* (Chicago: University of Chicago Press, 1986).

Keogh, D. and Haltzel, M. (eds.) *Northern Ireland and the Politics of Reconciliation* (Cambridge UP, 1994).

Wichert, S. *Northern Ireland since 1945* (London: Longman, 1998).

**PSY 24130. A Philosophical Introduction to the Mind**

(cross-listed with PHIL 24277)

3 credits, James Hopkins

5/14–6/15

9:15–noon MTR, 12:45–4:00 W

**CRN 3136**

The overall aim of this course is to introduce students to the application of philosophical methods of analysis and argument in understanding the mind and its relation to the brain, as we encounter these in pure philosophy and also in some examples of behavioural and neural science. Accordingly, the course will begin with a brief review and examination of a pre-course assignment on arguments and

disambiguation, which introduces topics to be applied in the remainder of the course. (Students will be provided with tutorial help on these matters should this be relevant). After this, we will consider the topic of concepts, considering, in particular, the difference between mental and physical concepts; that is, the different ways we think of material things as opposed to the mind. This will enable us to consider in depth two of the main arguments that have been brought to bear on the understanding of mind and brain: the separation argument for dualism, first rigorously formulated by Descartes and employed by many philosophers and scientists to the present day; and the causal argument for physicalism, which, together with advances in neuroscience, has had particular influence in recent decades.

These arguments will be presented together with the phenomenological and causal considerations that render them plausible, and will be the topic of a required essay (1,000–2,500 words), which will be discussed one-to-one with a member of the teaching staff.

**Pre-course Assignment:** Students will be given a detailed pre-course assignment on arguments and their evaluation, which will be examined at the beginning of the course.

**SCPP 44497. Medical Practice and Policy UK**

(cross-listed with STV 34166 and ANTH 34720)

3 credits, Cornelius O'Boyle

5/14–6/15

9:15–noon MTR, 12:45–4:00 W, and 9:15–noon

F 5/16 and 5/23

**CRN 3793**

This course introduces American students to the structure of socialized medicine in Britain and the public welfare system of which it forms a part. The course begins with a history of the National Health Service (NHS) and a description of the principles underpinning the system. The course then explores British medical education and the various careers available to medical doctors in Britain. Special attention is paid to the reforms currently being introduced to medical education. The course ends with an examination of the challenges facing the NHS. These include financial constraints; administrative changes in the provision of medical services; the changing balance between primary care and hospital medicine; the demands of new medical technology; new ethical challenges in medicine; and the relationship between public and private medicine.

The course will be taught primarily in the form of a discussion group. Students will be encouraged to make comparisons and contrasts

between the American and British system of health care. Visits will also be made to places of relevant historical interest to give students greater appreciation of the background to the problems facing health care providers in London.

**Required Texts:**

James Le Fanu. *The Rise and Fall of Modern Medicine* (Abacas Books, 1999) [R149.L45] (four copies on reserve in the library)

Ivan Illich. *Limits to Medicine: Medical Nemesis, The Expropriation of Health* (Penguin, 1977) [RA418.I44] (two copies on reserve in the library)

**Recommended Texts:**

Michael Fitzpatrick. *The Tyranny of Health: Doctors and the Regulation of Lifestyles* (Routledge, 2001) [RA395.G6.F586]

Christopher Ham. *Health Policy in Britain*, 4<sup>th</sup> ed. (Macmillan, 1999) [RA395.G6.H29]

Helen Jones. *Health and Society in Twentieth-Century Britain* (Longman, 1994) [RA418.G7.J65]

Rudolf Klein. *The New Politics of the NHS*, 4<sup>th</sup> edition (Longman, 2001) [RA395.G6.K64]

**STV 34166. Medical Practice and Policy UK**

(cross-listed with ANTH 34720 and SCPP 44497)

3 credits, Cornelius O'Boyle

9:15–noon MTR, 12:45–4:00 W, and 9:15–noon

F 5/16 and 5/23

**CRN 3794**

This course introduces American students to the structure of socialized medicine in Britain and the public welfare system of which it forms a part. The course begins with a history of the National Health Service (NHS) and a description of the principles underpinning the system. The course then explores British medical education and the various careers available to medical doctors in Britain. Special attention is paid to the reforms currently being introduced to medical education. The course ends with an examination of the challenges facing the NHS. These include financial constraints; administrative changes in the provision of medical services; the changing balance between primary care and hospital medicine; the demands of new medical technology; new ethical challenges in medicine; and the relationship between public and private medicine.

The course will be taught primarily in the form of a discussion group. Students will be encouraged to make comparisons and contrasts between the American and British system of health care. Visits will also be made to places of relevant historical interest to give students greater appreciation of the background to the

problems facing health care providers in London.

#### Required Texts:

James Le Fanu. *The Rise and Fall of Modern Medicine* (Abacas Books, 1999) [R149.L45] (four copies on reserve in the library)  
Ivan Illich. *Limits to Medicine: Medical Nemesis, The Expropriation of Health* (Penguin, 1977) [RA418.I44] (two copies on reserve in the library)

#### Recommended Texts:

Michael Fitzpatrick. *The Tyranny of Health: Doctors and the Regulation of Lifestyles* (Routledge, 2001) [RA395.G6.F586]  
Christopher Ham. *Health Policy in Britain*, 4<sup>th</sup> ed. (Macmillan, 1999) [RA395.G6.H29]  
Helen Jones. *Health and Society in Twentieth-Century Britain* (Longman, 1994) [RA418.G7.J65]  
Rudolf Klein. *The New Politics of the NHS*, 4<sup>th</sup> edition (Longman, 2001) [RA395.G6.K64]

## COLLEGE OF ENGINEERING, ALCOY PROGRAM

#### Director:

John Brauer

#### On-Site Director:

Robert Nelson

**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 10–June 20) will consist of two 3-credit courses. Students register in the University of Notre Dame summer session for EG 34440 Probability and Statistics, and EG 44175, Ethical and Professional Issues in Engineering. 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 \$5,500. This includes round-trip airfare between New York/Chicago and Madrid, tuition, room and board,

and required field trips. Participants are responsible for recreation and any extra travel.

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

**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.

#### EG 34440. Probability and Statistics—Alcoy

3 credits, Nelson  
5/12–6/19

**CRN 3795;** ID # EG 34440 01

This course is equivalent to MATH 30440. 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.

#### EG 44175. Ethical and Professional Issues in Engineering—Alcoy

3 credits, Nelson  
5/12–6/19

**CRN 3796;** ID # EG 44175 01

This course is an equivalent to CSE 40175. 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.

For further information and an application packet, write to:

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

## COLLEGE OF ENGINEERING, LONDON PROGRAM

#### On-Site Director:

John M. Brauer, Ph.D.

**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 (June 23–August 1) will consist of two 3-credit courses. Students register in the University of Notre Dame summer session for CBE 34310, Global Sustainability, and EG 44421, Integrated Engineering and Business Fundamentals. Both courses will take advantage of the locale and include topics related to British professional practice.

**Field Trips.** Field trips to sites of British engineering projects, such as the Thames Flood Barrier, Sellafield Nuclear Plant, 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 in the Bayswater area of London’s West End, adjacent to Hyde Park. 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 \$5,500. 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.

**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.

#### CBE 34310. Global Sustainability—London

3 credits, Wolf  
6/23–8/1

**CRN 3741;** ID # CBE 34310 01

The course examines the growing need for addressing “sustainability” as a parameter in

the practice of engineering. The course begins with an introduction of the origin of resources on earth and the 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. Human population models are then studied in relation to available resources. These included the study of land and agriculture in relation to food and water resources, non-renewable resources, energy, and capital

### EG 4421. Integrated Engineering and Business Fundamentals—London

3 credits, Brauer, Dunn (10-0-3)

6/23-8/1

CRN 3128; ID # EG 4421 01

Taught in London.

The course is designed to improve the effectiveness of engineers working in corporations by teaching how and why businesses operate. Subjects covered include business financial reporting, business plans, the development processes, project management, the supply chain, and a history of quality topics. Numerous guest speakers are utilized to give the students exposure to successful business executives and reinforce the business processes covered in class.

The course addresses four major areas of business processes: financial, business plans, innovation (project management, stage gate development processes), and supply chain.

Weekly required field trips are taken to visit engineering centers and projects, such as the Thames Flood Barrier, Selafield Nuclear Fuel Reprocessing Plant, Astrium, and Immarsat Satellite Control Center.

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  
Tel.: (574) 631-2950

## INTERNATIONAL STUDY PROGRAMS OFFICE

Notre Dame will offer several undergraduate international programs during the 2008 summer session. The Office of International Studies (OIS) will sponsor programs in Vienna, Austria; Paris, France; Dublin, Ireland; Milan, Italy; Rome, Italy; Puebla, Mexico; Amsterdam, Netherlands; Taipei, Republic of China (Taiwan); Toledo, Spain; Kampala, Uganda; and London, United Kingdom. The application deadline for these programs is March 1, 2008, with the exception of Kampala and London. Please check the OIS website for more information on the application deadlines: [nd.edu/~ois/Apply/Apply.html](http://nd.edu/~ois/Apply/Apply.html).

### Office of International Studies

Students from all colleges are invited to participate in international study programs. Students must complete the online application, available at [nd.edu/~ois](http://nd.edu/~ois), and have a minimum GPA of 2.5 to be eligible for the programs. Students will earn Notre Dame credits while participating in these programs and can also complete University requirements. The price will vary by program. For further information regarding any of the programs, please contact Sarah Baer, 152 Hurley Building, or [sbaer@nd.edu](mailto:sbaer@nd.edu).

### SUMMER PROGRAM IN AMSTERDAM

The five-week program (June 24–July 26) offers two courses, worth three credits each. Students will enroll in both courses through the University of Notre Dame's Summer Session. Jaleh Dashti-Gibson, director of academic programs at the Kroc Institute for International Peace Studies, will teach Human Rights and the Quest for International Justice. Students will also enroll in a fine arts course, taught in English by a Dutch professor. Students will receive Notre Dame credit for these courses and they will be calculated into a student's GPA.

Students will live in furnished apartments with other program participants. Since the apartments have kitchens, students will be responsible for their own meals. Students will likely live near Centraal Station, the main train station in Amsterdam. Additionally, students will receive a transportation pass to get around the city by metro.

The cost of the program is \$6,000. This fee includes tuition, housing, local transportation, field trips, cultural activities, and guest lectures. Participants will make their own flight arrangements and will be responsible for their own meals in Amsterdam.

### IIPS 34401. Human Rights and the Quest for International Justice

The primary theme of this course is the tension between sovereignty and human rights in world politics. The international legal principle of state sovereignty has been a defining element of international relations for centuries. In contrast, the concept of human rights did not enter the popular discourse until after World War II. What place, then, does the international protection of the human rights of individuals and groups have? Does the near-universal rhetorical acceptance of the existence of human rights suggest a challenge to a state-centric understanding of international affairs, or does state practice vis-à-vis human rights actually reinforce such an understanding? We will begin by considering the historical, philosophical, and legal underpinnings of the concept of human rights. What are human rights? Are they (or should they be) universal? How has the international human rights law evolved? We will turn to the question of protecting international human rights by considering "top-down" (international and state) and "bottom-up" (non-state) mechanisms for addressing violations of human rights and for promoting respect for human rights. We will examine topics of particular relevance given the location of the courts in The Netherlands and the rich resources available there for our study, such as the International Criminal Court, European mechanisms for promoting and protecting human rights, and the human rights concerns of immigrants, among others. This course will count toward the Peace Studies Area A requirement for majors and minors. Additionally, the course will be cross-listed as POLS 34259, fulfilling a political science major requirement.

Students will also take a fine arts course. The details of this course are still being finalized, but the goal is to find a course that would expose students to the world-renowned art in Amsterdam while satisfying a University fine arts requirement.

### SUMMER PROGRAM IN VIENNA

Vienna, Austria

Students will enroll in two courses during the six-week program (May 24–July 5) to earn six credits. All students will take German History through Literature: 800–1806 with Notre Dame's Albert Wimmer, associate professor of German and Russian. Students will also enroll in a German language course at the appropriate level, ranging from Beginning German to Advanced German. Students will receive Notre Dame credit for these courses.

Students will live in apartments with other program participants and international students. 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 \$6,375. This fee includes tuition, housing, local transportation, field trips, and cultural activities. Participants will make their own flight and meal arrangements.

You may be eligible for grants from the German department and/or the Nanovic Institute for European Studies. The Nanovic Institute of European Studies has generously set aside \$250 each for the first 10 students to confirm participation. Additional funding is available through the Department of German and Russian Languages and Literatures Summer Language Study Abroad Stipend. Contact Denise Della Rossa at dellarossa.1@nd.edu for more information. The application deadline is February 15.

#### **GE 34850. German History Through Literature: 800–1806**

Parallel to studying the history of the Holy Roman Empire from its beginnings under Charlemagne in A.D. 800 to its demise under Napoleon in A.D. 1806, students will read, discuss, write, and lecture on literary texts illustrating, dealing with, or commenting on the major historical events during 1,000 years of European history. No prerequisite.

#### **GE 14101. Beginning German I**

An introductory course of the spoken and written language. Aims at the acquisition of basic structures, vocabulary, and sound systems. For students with no previous study of German language. No prerequisite.

#### **GE 14102. Beginning German II**

*Prerequisite:* GE 10101 or equivalent. Continuation of an introductory course of the spoken and written language. Aims at the acquisition of basic structures, vocabulary, and sound systems.

#### **GE 24201. Intermediate German I**

*Prerequisite:* GE 10102 or equivalent. In this course, students will build on and develop their communicative abilities acquired in Beginning German I and II. The four skills approach (speaking, listening, reading, writing) works with authentic texts, recordings, videos, and other images. The course includes grammar review, concerted vocabulary expansion, and intensive practice.

#### **GE 34305. Advanced German GE 34305. Special Studies**

For the student at an advanced level of German, Advanced German or Special Studies will be offered to give students the opportunity to work one-on-one with the German professor and to utilize the resources available in Vienna.

#### **SUMMER PROGRAM IN PARIS**

Paris, France.

The five-week program (May 21–June 26) offers two courses, worth three credits each. Students will enroll in both courses through the University of Notre Dame's Summer Session. Tom Kselman, professor of history, will teach History of Paris. Students will also enroll in an art history course, taught in English by a French professor. Students will receive Notre Dame credit for these courses and they will count toward the GPA.

Students will live in furnished apartments with other program participants. Since the apartments have kitchens, students will be responsible for their own meals. Additionally, students will receive a transportation pass to get around Paris for the duration of the program.

The cost of the program is \$6,275. This fee includes tuition, housing, breakfast, local transportation, field trips, cultural activities, and guest lectures. Participants will be responsible for their own flight arrangements.

The first 10 students to confirm participation in the Rome summer program will receive a generous \$250 grant from the Nanovic Institute of European Studies.

#### **HIST 34455. History of Paris**

This course will approach the history of Paris as an entry point for studying the history of France. Four key themes will be the basis for organizing the material: the role of Paris as the political capital of the French state; the social relations of the people of Paris; the cultural life of Paris, a center for the development of ideas; and Paris as a destination for foreign travelers. For history majors, this course will count toward the modern Europe or ancient/medieval European requirement.

We will also offer an art history course, likely on modern French art. The course will be reviewed by ND's art history department.

#### **SUMMER PROGRAM, PUEBLA**

Puebla, Mexico

There are several types of opportunities available to students interested in studying in Puebla's Universidad de las Americas (UDLA)

during the summer of 2008. Engineering students may enroll in Engineering Economics, taught by Civil Engineering Associate Professor David Kirkner, and a Spanish course. Students interested in improving their Spanish may select courses on grammar, literature, or culture. All students will enroll in two courses during the six week program (May 16–June 27). These students will be part of UDLA's Spanish immersion program and can be anywhere from a beginning to advanced level of Spanish.

Additionally, preprofessional students may be interested in the Spanish for Health Professions program. Students in this program enroll in two courses, ROSP 24460 Spanish for Medical Profession, and AL 34721 Medical Internship. Students interested in this program must be at an intermediate level of Spanish.

Students may choose to live in UDLA dormitories or with host families.

The cost of the program is approximately \$4,000. The Spanish for Health Professions program is an additional \$500. This price includes tuition for two courses, housing, some meals (all meals for students that choose a homestay), field trips, and activities.

#### **AME 5459. Engineering Economics**

The course addresses economics of engineering—the analysis of investments; value of money over time; analysis of investments; measures of the value of the investment; analysis of investments in an inflationary atmosphere; evaluation of investment under risk and uncertainty; financial reasons; capital cost; and investment alternatives.

#### **AL 34721. Medical Internship**

Students spend eight hours per week in Mexican hospitals, shadowing doctors and doing some clinical work under medical supervision. There are weekly lectures by Mexican doctors on healthcare in Mexico, traditional medicine, physician perspectives, and expectations of patients. Students also take a trip to the indigenous town of Cuetzalan where they meet a traditional healer and witness firsthand practices of traditional medicine. Students do not receive a letter grade for this course (it is listed as Satisfactory/Unsatisfactory) but receive three credits.

#### **POLS 34405. Mexican Politics**

In this course, you will analyze current political, social, and economic realities of Mexico. The course is listed as LE 442 Mexican Politics in UDLA's documentation.

**ROSP 14101. Beginning Spanish I**

This course introduces basic Spanish grammar structures and fosters functional ability needed for daily life situations. The course is listed as ID 140 Spanish I Grammar in UDLA's documentation.

**ROSP 14102. Beginning Spanish II**

This course fosters the use of language functions and promotes vocabulary growth through varied activities and tasks assigned to students. Additional practice is gained through the reading and writing of simple texts. This course is listed as ID 141 Spanish I Oral and Written Communication in UDLA's documentation.

**ROSP 24201. Intermediate Spanish I**

This course is for intermediate level students. It fosters the understanding and use of all time frames and functional ability related to narrating and describing. This course is listed as LE 244 Spanish II Grammar in UDLA's documentation.

**ROSP 24202. Intermediate Spanish II**

This course is designed to improve communicative skills in reading and writing. Working with important literature texts, it fosters the acquisition of specialized vocabulary through discussion of the readings. This course is listed as LE 245 Spanish II Oral and Written Communication in UDLA's documentation.

**ROSP 24220. Intermediate Grammar Review**

This is a course for students who desire to achieve an advanced level of proficiency. It focuses on complex structures and promotes discussion and expression of opinions, feelings, and ideas. This course is listed as LE 341 Spanish III Grammar in UDLA's documentation.

**ROSP 24450. Spanish for Business**

This course combines the practice of Spanish with on-site activities, interviews, and visits to important companies in Mexico. It is listed as ID 343 Spanish IIIA Business Communication in UDLA's documentation.

**ROSP 24460. Spanish for Medical Profession**

This course is designed for students interested in any health profession. The principal goal will be to gain confidence approaching and effectively interacting with Spanish-speaking patients and their families. Meetings consist mainly of class discussions using creative and dynamic activities. Active participation is required. Topics and methods include practical terminology, a review of hospital settings, multimedia simulations, films, recorded docto—patient

interactions, and current medical events. This course is listed as ID 349 Spanish III Spanish for Health Professions in UDLA's documentation.

**ROSP 34320. Advanced Grammar**

This course is a challenging review of Spanish grammar in its more complex grammatical structures and functions. This course is listed as ID 344 Spanish IIIB Grammar in UDLA's documentation.

**ROSP 34820. Survey of Spanish American Literature II**

This course is an overview of the most significant literary movements and authors of 20th-Century Mexican literature. Reading and discussion of literary pieces are combined with analysis of movies based on the texts. It is listed as ID 346 Spanish IIIB Twentieth-Century Mexican Literature in UDLA's documentation.

**ROSP 24681. Mexican Culture**

The course is a cultural and historical analysis from pre-Hispanic times to the present. Several aspects of contemporary Mexican culture are discussed and analyzed. This course is listed as ID 442 Spanish IV Mexican Culture and Society in UDLA's documentation.

**SUMMER PROGRAM IN TAIPEI**

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 6–8 credits. The program will run from June 2 to July 25. The Chinese language courses meet for a total of four hours each day, five days a week. Students will, therefore, receive a total of 160 hours of Chinese language instruction. Class size is small, ranging from 2 to 7 students per class. The small class size enhances individualized attention to student's 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 receive Notre Dame credit for these courses, which means they will also be calculated into their ND GPA.

ND students will be able to participate in an intensive Chinese language program at the Fu Jen Catholic University, located six miles from Taipei, the capital of the Republic of China (ROC). Taipei, the political and financial center of the ROC, also known as Taiwan, is the island's most populous city. Fu Jen Catholic

University can be reached easily by public transportation from Taipei.

Students will live in either single- or double-occupancy dormitories on the Fu Jen campus. There are no cafeterias on campus and dormitories do not have kitchens, so students will be responsible for all of their meals. Restaurants and convenience stores are a short walk from the dormitories. Students will receive a small living allowance to help subsidize the cost of their meals.

This program is generously supported by the Douglas Tong Hsu Endowment for Excellence in East Asian Studies. Students selected to participate in the program only need to pay an \$800 program fee and their own airfare. Students will receive a modest living allowance to help pay for meals, books, local transportation, visa fees, and vaccination fees.

Applicants must be full-time students in good standing at the University of Notre Dame and must have completed at least first-year Chinese (or its equivalent) by the beginning of the program. Preference, however, is given to students who have completed second-year Chinese (or its equivalent). Students should possess exceptional motivation, emotional maturity, and a high aptitude for adapting to new environments. Interested students will apply for the program using the OIS online application. The application deadline is March 1. Students should also expect to participate in an interview as part of the selection process. Selection is competitive. Admitted students will be required to participate in a predeparture orientation.

**IRISH SUMMER SCHOOL, TRINITY COLLEGE, DUBLIN**

Dublin, Ireland

Trinity College Dublin is the host for this seven-week program (June 19–August 7) in Ireland. The program offers six mini-courses, worth 1.5 credits each. Students will enroll in four of the six courses, through the University of Notre Dame's summer session. They will choose from the following: ENGL 44520 Irish Fiction and Poetry; FTT 24009 Irish Drama, 19th-Century to Present; HIST 34432 Post-Famine Irish History; ANTH 34301 Gaelic Culture; ARHI 24524 Irish Visual Culture; and SOC 34124 Critical Issues in Contemporary Ireland.

The summer program features a week in Northern Ireland, as well as several field trips—including an archeological tour of the prehistoric sites in the Boyne Valley, a trip to medieval sites in County Wicklow, and a tour of the Antrim Coast.

Students can choose to live with a host family or to live on campus in Trinity College. All meals and a bus pass are included with the host family option. Continental breakfast and kitchen facilities are provided with the on-campus housing option. The cost of the program is \$6,640 to \$7,070 plus a \$500 ND summer programs administrative fee. The price includes tuition, accommodation, and field trips. It also includes meals for those students choosing the homestay only.

Students will choose four 1.5 credit courses from the six offered, and earn 6 credits during the program. The FTT and ENGL courses together will fulfill an English major requirement. Other credits will be electives.

#### **ENGL 44520. Irish Literature**

This course examines modern Irish writing from 1890 to 2001, celebrating the range and diversity of Irish literature from Yeats and Joyce to the present. This intensive reading course will focus on the founding figures of modern literature and explore their influence on succeeding generations. Selected fiction and poetry will be covered.

#### **FTT 24009. Irish Drama, Nineteenth Century to Present**

This course provides the literary and cultural framework for studying the tradition of Irish Drama from the 19th century to the present. The world of Irish plays and playwrights is studied through text and performance.

#### **HIST 34432. Post-Famine Irish History**

This introductory course traces the most eventful period in Irish history from the post-famine era to present day. The course begins with the Home Rule Crisis and the role of Parnell and then moves on to the origins of the Easter Rising of 1916. This is then followed by a study of the War of Independence, the effects of the Civil War and the foundation of the State, Partition, and constitutional developments. The subsequent development of both states North and South are then examined and discussed.

#### **ANTH 34301. Gaelic Culture**

This course offers a fascinating insight into Celtic mythology and folk tradition, the linguistic and cultural heritage of Gaelic civilization, an examination of the oral and written traditions of the Irish language, and the current state of the Irish-speaking world.

#### **ARHI 24524. Irish Visual Culture**

This course takes an interdisciplinary look at visual culture in Ireland. Archaeology, art, architecture, film, television, and video are the

primary sources and areas to be examined with reference to relevant literary, social, and cultural contexts.

#### **SOC 34124. Critical Issues in Contemporary Ireland**

This course provides a running commentary on many of the critical issues facing Ireland, north and south, and the relationships with Britain, Europe, the United States, and the developing world. A discursive and analytical approach covers aspects of economics, sociology, politics, religion, and culture.

#### **SUMMER PROGRAM IN ROME**

Rome, Italy

Students will enroll in two courses during the six-week program (May 29–July 7) to earn six credits. Students will enroll in both courses through the University of Notre Dame's summer session. Sebastian Rosato, assistant professor of political science, will instruct *The Treaties of Rome and the Uniting of Europe*. An Italian professor will teach a history course in English, which is currently under review. Please see the Office of International Studies website ([nd.edu/~ois](http://nd.edu/~ois)) for updated information. Students will receive Notre Dame credit for these courses.

Students will be housed in furnished apartments. You will have access to kitchens, so you will be responsible for all of your meals. The apartments are located a short walk to classes, mostly likely in Trastevere, on the west bank of the Tiber River and south of the Vatican. A transportation pass is included in the program fee so that you can easily get around Rome during the program.

The cost will be \$5,265, which includes tuition, housing, field trips, transportation pass, cultural activities, and guest lectures. Students will make their own flight arrangements and will also be responsible for their own meals in Rome.

The first 10 students to confirm participation in the Rome summer program will receive a \$250 grant from the Nanovic Institute of European Studies.

#### **POLS 34258. The Treaties of Rome and the Uniting of Europe**

This course examines the origins, consolidation, and current operation of the European Union (EU). The course is comprised of six parts. In Part I, students will get an overview of European history between the French Revolution and the end of World War II. This period of nationalism and war provides a stark backdrop to the cooperation, institutionalization, and peace that has characterized Western Europe since 1945. In Part II, students will become

familiar with major political science theories of integration that seek to explain how Europe managed to overcome its past. Briefly, these stress the role of economic interdependence, federal ideology, and power politics. In Part III, the emphasis will be on early integration efforts, including the Marshall Plan, the European Coal and Steel Community, and the failed European Defense Community. In Part IV, students will get an overview of the Treaty of Rome, the founding moment of today's EU. In Part V, students will examine the consolidation of the EU after the Treaties of Rome, paying particular attention to the growth of the European Court of Justice and the process of Economic and Monetary Union culminating in the creation of the Euro. In Part VI, students will be introduced to current issues affecting the EU, including the prospects for further integration or disintegration and Europe's relations with the United States. This course will fulfill a requirement for political science majors.

#### **SUMMER PROGRAM IN TOLEDO**

Toledo, Spain

Summer participants will enroll in two courses each worth 3 credits. A complete list of courses will not be available until late March; however, students will have the opportunity to enroll in classes pertaining to Spanish literature, grammar, history, art history, anthropology.

The Summer Toledo program dates are June 15–July 27, 2008.

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.

For 2008, the Summer Toledo tuition and fees will be approximately \$3,690 (the homestay option is an additional \$574) plus a \$500 administrative fee. It includes six Notre Dame credits, full room and board, and site visits in Toledo. Airfare between the United States and Spain is not included.

#### **SUMMER PROGRAM IN KAMPALA, UGANDA/KIGALI, RWANDA**

Kampala, Uganda / Kigali, Rwanda

Students will be able to participate in the School for International Training (SIT) program focused on peace and conflict studies in Uganda and Rwanda for Notre Dame credit. This ground-breaking program utilizes the

resources of Makerere University (in Kampala) and engages students with the active peace-building and NGO community around the city to explore the impact of conflict in the region. In addition to study in Uganda, students will examine the Rwandan genocide, a tragedy that resulted in the killing of nearly one million Tutsis and moderate Hutus over a 100-day period in 1994.

Students will enroll in one 6-credit seminar during this six-week program (mid-June through July).

Students live with host families in Kampala and Kigali.

The cost of the program is approximately \$7,500. This price includes international airfare, tuition for six credits, room and board, field trips, activities, and Notre Dame's administrative fee.

The application deadline for this program is November 15.

#### **IIPS 34506. Peace and Conflict Seminar in Uganda and Rwanda**

The seminar examines the historical, political, and social dimensions of the conflicts in the Lake Victoria Basin. Specific attention is placed on the conflict in northern Uganda and on the 1994 genocide in Rwanda. Some of the major issues to be covered include the sources and root causes of conflict, political and social aspects of the genocide, migration and refugee aspects, the UN Tribunal in Arusha, Tanzania, and the traditional court system in Rwanda. The course combines classroom discussions with experiential field visits to sites of historical and cultural significance in Uganda and Rwanda, and internally displaced people's and refugee camps.

## **KEOUGH 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.

**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.

#### **THE IRISH SEMINAR, DUBLIN REPUBLICS and EMPIRES**

Dates: June 16–July 4

The Keough-Naughton Institute for Irish Studies announces The Irish Seminar 2008, an intensive graduate seminar aimed at the best minds in the emerging group of Irish Studies scholars worldwide. The seminar will be held from June 16 to July 4 at the the Keough-Naughton Centre, O'Connell House, 58 Merrion Square South, Dublin 2, Ireland.

Tuition for the Irish Seminar, which includes housing for the three weeks in Dublin, is \$3,000. Participants will be responsible for their own food, airfare, and other travel expenses. Some open fellowships will be available, covering tuition, travel, and room and board, but applicants are urged to seek financial assistance from their home institutions. Further details regarding living and dining arrangements will be available in the registration packet.

#### **IRST 64099. Republics and Empires**

(Cross-listed with ENGL 94501)  
3 credits, Deane, Gibbons, O'Buachalla, Whelan (20-0-3)

1:00–6:00 TWRF 6/16–7/4

**CRN 3103**; ID # IRST 64099 01

The theme for the Irish Seminar 2008 is republics and empires. The seminar is interdisciplinary, open to all faculty and graduate students in Irish studies, and cross-listed with the Department of English. Graduate students opting to take the Irish Seminar for three credits will be assessed on the basis of participation. While a guaranteed number of places will be reserved for University of Notre Dame, Trinity College, and University College Dublin students, all applicants will be assessed on the basis of their academic record and recommendations.

Participants will have unprecedented access to the finest scholars in Irish studies during daily closed sessions with program faculty.

#### **ENGL 94513. Republics and Empires**

(Cross-listed with IRST 64099)

3 credits, Deane, Gibbons, O'Buachalla, Whelan (5-0-3)

1:00–6:00 TWRF 6/16–7/4

**CRN 3104**; ID # ENGL 94513

The theme for the Irish Seminar 2008 is republics and empires. The seminar is interdisciplinary, open to all faculty and graduate students in Irish studies, and cross-listed with the Department of English. Graduate students opting to take the Irish Seminar for three credits will be assessed on the basis of participation. While a guaranteed number of places will be reserved for University of Notre Dame, Trinity College, and University College Dublin students, all applicants will be assessed on the basis of their academic record and recommendations.

Participants will have unprecedented access to the finest scholars in Irish studies during daily closed sessions with program faculty.

The aims of the Irish Seminar include the creation of a cosmopolitan community of young scholars: the 18th-century Republic of Letters reconfigured for the 21st century. It provides an intellectual infrastructure for scholarly collaboration, balancing the theoretically rich with the empirically rigorous. It adopts a flexible pluralization of approaches, less constrained by the firmness of institutional boundaries and disciplinary consolidation. It is self-reflexive about professional and intellectual formation, while seeking to generate a supportive environment that nurtures the intellectual poise and confidence of young scholars.

For additional information, contact:

The Irish Seminar 2008  
Caroline Moloney  
Keough-Naughton Notre Dame Centre  
O'Connell House  
58 Merrion Square South  
Dublin 2  
Ireland  
Moloney.7@nd.edu  
T: 00 353 1 611 0554  
F: 00 353 1 611 0606

## LAW SCHOOL— LONDON LAW PROGRAM

### Director:

Prof. Geoffrey Bennett

### Program dates:

June 23–July 25, 2008

### 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  
E-Mail: 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 the summer of 2007, there were 70 students enrolled. Slightly more than a third of those 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 2008 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 the atreland, 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 e-mail, the Internet, and computer-assisted legal research.

### ACADEMIC INFORMATION

Notre Dame Law School and 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 nine courses providing a total of 18 hours of academic credit will be offered in the summer of 2008. 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 23, and end on Friday, July 25. Examinations are scheduled between July 28 and July 30. 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

### QUALIFICATION FOR ADMISSION

Any student in good standing at a law school who will have completed one year of academic work prior to June 1/08, 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 1, 2008. 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 2008 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                                   | \$2,565 |
| Fees (registration, activities in London) | \$100   |
| Transportation (Roundtrip airfare:        |         |
| Chicago to London)                        | \$980   |
| Transportation: UK                        | \$400   |
| Room (includes breakfast)                 | \$2,350 |
| Meals                                     | \$1,590 |
| Books and Supplies                        | \$260   |
| Entertainment and Personal                | \$890   |
| TOTAL                                     | \$9,135 |



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 e-mail 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, 2008.

Tuition (\$2,565) due by 5/15/08.

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. Malgosia Fitzmaurice  
Queen Mary College, University of London

Prof. Susan Hawker  
Guildhall University, London

Prof. Matthew Humphreys  
University of Kingston, Kingston

Prof. George Letsas  
University College, University of London

Prof. Gabriel Moens  
Dean of Law Murdoch University, Perth,  
Western Australia

Prof. Katherine Reece-Thomas  
City University, London

Prof. Vincent Rougeau  
The Law School, University of Notre Dame

Prof. Robert Upex  
Emeritus Professor, University of Surrey

#### 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 774453. Carriage of Goods By Sea 2 credits, Hawker

This course looks at the carriage of goods in international trade. This is an exciting subject; we live in a world in which transportation of goods is a fundamental part of both international and domestic business, and litigation regarding the carriage of goods 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 contracts for the carriage of goods by sea and charter parties, 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 74451. English Legal System 2 credits, Humphreys

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 UK 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 UK parliament; sources of constitutional law and practice; the UK government; the European dimension; and human rights in the UK.

#### LAW 74406. European and International Labor Law

2 credits, Upex

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 74459. European Union Law

2 credits, Moens

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 Amsterdam Treaty, the interrelationship between Union Law and the laws of the 15 member states, and the free movement of goods, workers, capital, and services. The course will concentrate on the transnational protection of economic and social rights and the jurisprudence of the European Court of Justice.

#### LAW 74465. International Business Law

2 credits, Moens

This course provides an introduction to the law of international trade. Topics include international business contracts, choice of law and choice of forum, financing of exports, insurance, carriage of goods by sea, Incoterms, the United Nations Convention on Contracts for the International Sale of Goods, extraterritorial application of antitrust laws, anti-dumping law, subsidies and countervailing duties, and the role of the international trade lawyer.

#### LAW 74432. International Environmental Law

2 credits, Fitzmaurice

The protection of the environment is one of the main issues of the contemporary world. The protection of climate change, of biodiversity, and of marine areas is of concern to all of us. The object of this course is to introduce the main principles governing the cooperation of states in environmental matters. It is divided into two

main parts: the first part of the course will deal with the general principles underlying international environmental law, such as the precautionary principle, polluter pays principle, and environment impact assessment. The second part of the course will deal with particular areas of environmental protection, such as the protection of the marine environment, international watercourses, and global issues, such as the protection of biodiversity.

#### **LAW 74467. International Human Rights Law**

2 credits, Letsas

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 nongovernmental organizations in the protection of human rights.

#### **LAW 74401. Public International Law**

3 credits, Reece-Thomas

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 peacekeeping; 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.

#### **HOUSING**

A number of single rooms have been reserved for Summer London participants in Connaught Hall, a dormitory normally used by students of the University of London. Connaught 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. Additional information is available at the website: [nd.edu/~ndlaw/london/summer](http://nd.edu/~ndlaw/london/summer).

Lodging in Connaught Hall is \$2,350 per student, with each student having his or her own room. Each room is furnished with a bed, chair, desk, wardrobe, and telephone; bedding and towels are provided. There are bathroom facilities on every floor. Breakfast is included in the

price of a room; an evening meal is available at an additional cost of approximately \$14 per person.

Given that the supply of rooms in Connaught Hall is limited, and that 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 Connaught Hall will be assigned to you only after full payment of \$2,350 has been received by the University Office of Student Accounts. Unlike tuition, the payment for housing must be received before a room will be reserved for you. All housing payments are non-refundable and, regrettably, no exception can be made to the policy requiring full payment.

Summer London participants residing in Connaught Hall may check in on Saturday, June 1. Students must vacate their rooms by noon on Thursday, July 31.

#### **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 provision for transportation to and from London. Notre Dame cannot assume any responsibility for such transportation.

Scheduled airlines provide a variety of reduced fare plans. Your local travel agent should be helpful in this regard. Since 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 the responsibility of each student. Early application is recommended. Contact the State Department Office or Post Office for further information, especially regarding travel in other countries. A visa is not required for the UK, 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**

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## ALLIANCE FOR CATHOLIC EDUCATION

### Director:

Thomas L. Doyle, Ph.D.  
Program Tel.: (574) 631-9779

### 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 course work 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 course work 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.

**Course Descriptions.** The 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, summer session office, or from *insideND*.

### MASTER OF EDUCATION PROGRAM

#### EDU 60020. Introduction to Teaching

0 credits, Doyle, Clark, Navoa Svarovsky, Nuzzi (8-0-0)

10:15–11:45 MTWRF 6/2–6/6

**CRN 1168;** ID # EDU 60020 01

Last "add" date: 6/3

"Drop" dates: refund, 6/3; last, 6/5

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. Introduction to Teaching—Elementary

1 credit, Mayotte, Valadez (12-0-1)

1:30–4:00 MTWRF 6/2–6/6

**CRN 1274;** ID # EDU 60022 01

Last "add" date: 6/3

"Drop" dates: refund, 6/3; last, 6/5

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 60024. Introduction to Teaching—Middle School

1 credit, Doyle (12-0-1)

1:30–4:00 MTWRF 6/2–6/6

**CRN 1275;** ID # EDU 60024 01

Last "add" date: 6/3

"Drop" dates: refund, 6/3; last, 6/5

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 60026. Introduction to Teaching—High School

1 credit, Moreno (12-0-1)

1:30–4:00 MTWRF 6/2–6/6

**CRN 1276;** ID # EDU 60026 01

Last "add" date: 6/3

"Drop" dates: refund, 6/3; last, 6/5

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 60040. Introduction to Computers in Education—Section 01

1 credit, Staff, Large (8-0-1)

6:00–7:55 p.m. MTWR 6/2–6/5

**CRN 1214;** ID # EDU 60040 01

Last "add" date: 6/2

"Drop" dates: refund, 6/3; last, 6/4

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. Introduction to Computers in Education—Section 02

1 credit, Demmon (8-0-1)

6:00–7:55 p.m. MTWR 6/2–6/5

**CRN 1213;** ID # EDU 60040 02

Last "add" date: 6/2

"Drop" dates: refund, 6/3; last, 6/4

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. Introduction to Computers in Education—Section 03

1 credit, Large (8-0-1)

8:00–9:55 p.m. MTWR 6/2–6/5

**CRN 1212;** ID # EDU 60040 03

Last "add" date: 6/2

"Drop" dates: refund, 6/3; last, 6/4

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. Introduction to Computers in Education—Section 04

1 credit, Demmon (8-0-1)

8:00–9:55 p.m. MTWR 6/2–6/5

**CRN 1211;** ID # EDU 60040 04

Last "add" date: 6/2

"Drop" dates: refund, 6/3; last, 6/4

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. Introduction to Computers in Education—Section 05

0 credits, Large (10-0-0)

8:00–9:55 MTWRF 6/9–6/13

**CRN 3049;** ID # EDU 60040 05

Last "add" date: 6/10

"Drop" dates: refund, 6/10; last, 6/12

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. Introduction to Computers in Education—Section 06

0 credits, Demmon (10-0-0)

8:00–9:55 MTWRF 6/9–6/13

**CRN 3050;** ID # EDU 60040 06

Last "add" date: 6/10

"Drop" dates: refund, 6/10; last, 6/12

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. Introduction to Computers in Education—Section 07**

0 credits Large (10-0-0)  
10:00–11:55 MTWRF 6/9–6/13  
**CRN 3051**; ID # EDU 60040 07  
Last “add” date: 6/10

“Drop” dates: refund, 6/10; last, 6/12  
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. Introduction to Computers in Education—Section 08**

0 credits, Demmon (10-0-0)  
10:00–11:55 MTWRF 6/9–6/13  
**CRN 3053**; ID # EDU 60040 07  
Last “add” date: 6/10

“Drop” dates: refund, 6/10; last, 6/12  
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. Teaching in Catholic Schools**

1 credit, DelFra (2-0-1)  
3:10–5:10 M 6/9–7/21  
**CRN 2870**; ID # EDU 60060 01  
Last “add” date: 6/13

“Drop” dates: refund, 6/18; last, 7/1  
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. Teaching Religion in Catholic Schools**

1 credit, Wills (2-0-1)  
3:10–5:10 M 6/9–7/21  
**CRN 2871**; ID # EDU 60070 01  
Last “add” date: 6/13

“Drop” dates: refund, 6/18; last, 7/1  
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. Effective Elementary Classroom Teaching**

2 credits, Staff (6-0-2)  
1:10–3:00 W 6/11–6/25  
**CRN 3056**; ID # EDU 60102 01  
Last “add” date: 6/16

“Drop” dates: refund, 6/20; last, 7/4  
Also taught 1:10–3:00 TWR 7/1, 7/2; 7/8–7/25  
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, texts, student learning standards, and multiple resources.

**EDU 60122. Elementary Language Arts Assessment**

1 credit, Mayotte (9-0-1)  
1:00–3:00 M, 6/9–7/21  
**CRN 3062**; ID # EDU 60122 01  
Last “add” date: 6/10

“Drop” dates: refund, 6/12; last, 6/16  
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 re-teach core knowledge and skills will be emphasized.

**EDU 60132. Mathematics in Elementary Education**

2 credits, Hart (6-0-2)  
3:10–5:15 T 7/8–7/22  
3:10–5:35 WR 7/9–7/23  
1:10–3:45 F 7/11–7/18  
**CRN 2872**; ID # EDU 60132 01  
Last “add” date: 7/10

“Drop” dates: refund, 7/11; last, 7/16  
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. Language Arts in Elementary Education**

2 credits, Burish (8-0-2)  
3:10–5:10 TWR 7/1, 7/2; 7/8–7/23  
1:10–3:00 F 7/11–7/18  
**CRN 3077**; ID # EDU 60142 01  
Last “add” date: 7/3

“Drop” dates: refund, 7/6; last, 7/13  
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. Content Methods for Elementary Education**

2 credits, Beesley (8-0-2)  
3:10–5:00 MTWR 6/9–6/26  
**CRN 2873**; ID # EDU 60162 01  
Last “add” date: 6/11

“Drop” dates: refund, 6/13; last, 6/19  
Also taught 3:10–4:45 F, 6/20; 1:10–2:15 F 6/27

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. Teaching of Reading**

3 credits, Woloshyn (11-0-3)  
1:05-3:00 TRF 6/10–6/27  
**CRN 3080**; ID # EDU 60182 01  
Last “add” date: 6/12

“Drop” dates: refund, 6/14; last, 6/19  
Also taught 3:10–5:10 TWR, 6/10–6/26  
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. Introduction to Middle School Teaching**

3 credits, Mayotte, Kennedy (8-0-3)  
1:10–3:00 TWRF 6/10–7/2; 7/8–7/23  
**CRN 2769**; ID # EDU 60204 01  
Last “add” date: 6/14

“Drop” dates: refund, 6/19; last, 7/2  
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 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 60256. Introduction to High School Teaching**

3 credits, Doyle (9-0-3)  
1:10–3:00 TWR 6/10–7/2; 7/8–7/23  
**CRN 2772**; ID # EDU 60256 01  
Last “add” date: 6/14

“Drop” dates: refund, 6/19; last, 7/2  
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. Exceptionality in Childhood**

3 credits, Husby (8-0-3)  
8:00–10:00 MTWR 6/9–7/2; 7/7–7/10  
**CRN 2540**; ID # EDU 60312 01  
Last “add” date: 6/12

“Drop” dates: refund, 6/15; last, 6/25  
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. Exceptionality in Early Adolescence**

3 credits, Erickson (6-0-3)  
8:00–10:00 MTWR 6/9–7/2; 7/7–7/10  
**CRN 2541**; ID # EDU 60324 01  
Last “add” date: 6/12

“Drop” dates: refund, 6/15; last, 6/25  
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. Exceptionality in Adolescence**

3 credits, Staff (6-0-3)  
8:00–10:00 MTWR 6/9–7/2; 7/7–7/10  
**CRN 2542**; ID # EDU 60336 01  
Last “add” date: 6/12

“Drop” dates: refund, 6/15; last, 6/25  
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. Child Development and Moral Education**

3 credits, Power (8-0-3)  
10:10–11:45 MTWRF 6/9–7/2; 7/7–7/10  
**CRN 2874**; ID # EDU 60452 01  
Last “add” date: 6/12

“Drop” dates: refund, 6/15; last, 6/25  
Also taught 6:30 p.m.–8:30 p.m., MT, 7/14–7/15  
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. Development and Moral Education in Adolescence—01**

3 credits, Brandenberger, Lynchard (8-0-3)  
10:10–11:45 MTWRF 6/9–7/2; 7/7–7/10  
**CRN 3089**; ID # EDU 60455 01  
Last “add” date: 6/12

“Drop” dates: refund, 6/15; last, 6/25  
Also taught 6:30 p.m.–8:30 p.m., MT, 7/14–7/15  
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. Development and Moral Education in Adolescence—02**

3 credits, Lapsley, Lynchard (03-01-03)  
10:10–11:15 MTWRF 6/9–7/2; 7/7–7/10  
**CRN 2896**; ID # EDU 60455 01  
Last “add” date: 6/12

“Drop” dates: refund, 6/15; last, 6/25  
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 adolescence.

**EDU 60455. Development and Moral Education in Adolescence—03**

3 credits, Flannery, Lynchard (03-01-03)  
10:10–11:15 MTWRF 6/9–7/2; 7/7–7/10  
**CRN 3525**; ID # EDU 60455 01  
Last “add” date: 6/12

“Drop” dates: refund, 6/15; last, 6/25  
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 adolescence.

**EDU 60605. English/Language Arts Education I—Section 1**

2 credits, Staff (6-0-2)  
3:10–4:40 TWR 6/10–7/2; 7/8–7/23  
**CRN 3020**; ID # EDU 60605 01  
Last “add” date: 6/14

“Drop” dates: refund, 6/19; last, 7/2  
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. English/Language Arts Education I—Section 2**

2 credits, Lamm (6-0-2)  
3:10–4:40 TWR 6/10–7/2; 7/8–7/23  
**CRN 2976**; ID # EDU 60605 02  
Last “add” date: 6/14

“Drop” dates: refund, 6/19; last, 7/2  
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. Social Studies Education I**

2 credits, Clark (6-0-2)  
3:10–4:40 TWR 6/10–7/2; 7/8–7/23  
**CRN 3022**; ID # EDU 60625 01  
Last “add” date: 6/14

“Drop” dates: refund, 6/19; last, 7/2  
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. Foreign Language Education I**

2 credits, Crawford-Dixon (6-0-2)  
3:10–4:40 TWR 6/10–7/2; 7/8–7/23  
**CRN 3024**; ID # EDU 60645 01  
Last “add” date: 6/14

“Drop” dates: refund, 6/19; last, 7/2  
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. Mathematics Education I**

2 credits, Kennedy (6-0-2)

3:10–5:10 TWR 6/24–7/2; 7/8–7/23

**CRN 3026**; ID # EDU 60665 01

Last “add” date: 6/27

“Drop” dates: refund, 6/30; last, 7/9

Also taught 3:10–4:30 F, 6/27, 7/11

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. Science Education I**

2 credits, Doyle, Kloser (6-0-2)

3:10–4:40 TWR 6/10–7/2; 7/8–7/23

**CRN 3028**; ID # EDU 60685 01

Last “add” date: 6/14

“Drop” dates: refund, 6/18; last, 7/2

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. English/Language Arts Education II—Section 1**

3 credits, Lamm (8-0-3)

3:10–4:40 TWR 6/10–7/2; 7/8–7/23

**CRN 3019**; ID # EDU 60705 01

Last “add” date: 6/14

“Drop” dates: refund, 6/18; last, 7/2

Also taught 3:10–5:00 M, 6/9–7/21

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. English/Language Arts Education II—Section 2**

3 credits, Lamm (8-0-3)

3:10–4:40 TWR 6/10–7/2; 7/8–7/23

**CRN 3534**; ID # EDU 60705 02

Last “add” date: 6/14

“Drop” dates: refund, 6/18; last, 7/2

Also taught 3:10–5:00 M, 6/9–7/21

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. Social Studies Education II**

3 credits, Clark (8-0-3)

3:10–4:40 TWR 6/10–7/2; 7/8–7/23

**CRN 3021**; ID # EDU 60725 01

Last “add” date: 6/14

“Drop” dates: refund, 6/18; last, 7/2

Also taught 3:10–5:00 M, 6/9–7/21

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. Foreign Language Education II**

3 credits, Crawford-Dixon (8-0-3)

3:10–4:40 TWR 6/10–7/2; 7/8–7/23

**CRN 3023**; ID # EDU 60745 01

Last “add” date: 6/14

“Drop” dates: refund, 6/18; last, 7/2

Also taught 3:10–5:00 M, 6/9–7/21

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. Mathematics Education II**

3 credits, Kennedy (8-0-3)

3:10–5:10 TWR 6/24–7/2; 7/8–7/23

**CRN 3025**; ID # EDU 60765 01

Last “add” date: 6/26

“Drop” dates: refund, 6/29; last, 7/9

Also taught 3:10–4:30 F, 6/27, 7/11;

3:10–5:20 M, 6/23–7/21; 9:10–11:10 F, 7/18

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. Science Education II**

3 credits, Doyle, Kloser (8-0-3)

3:10–4:40 TWR 6/10–7/2; 7/8–7/23

**CRN 3027**; ID # EDU 60785 01

Last “add” date: 6/14

“Drop” dates: refund, 6/18; last, 7/2

Also taught 3:10–5:00 M, 6/9–7/21

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. Folk Choir**

1 credit, Warner, Schneider-Kirner (4-0-1)

7:00–11:00 p.m. Sun 6/8–7/20

**CRN 2958**; ID # EDU 60830 01

Last “add” date: 6/12

“Drop” dates: refund, 6/17; last, 6/30

Work with the folk choir, which continues to build the repertoire for Catholic school use.

**EDU 60840. Teaching Art across the Curriculum**

1 credit, Matthias (6-0-1)

1:20-3:00 TWRF 6/17–6/26

**CRN 3082**; ID # EDU 60840 01

Last “add” date: 6/18

“Drop” dates: refund, 6/19; last, 6/22

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 60880. Coaching and Youth**

1 credit, Howard (6-0-1)

1:20-3:00 TWRF 6/17–6/26

**CRN 3473**; ID # EDU 60880 01

Last “add” date: 6/18

“Drop” dates: refund, 6/19; last, 6/22

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 spring semester.

**EDU 63500. Integrative Seminar**

1 credit, Staud (2-0-1)

8:30–10:00 MTWRF 6/2–6/6

**CRN 2773**; ID # EDU 63500 01

Last “add” date: 6/17

“Drop” dates: refund, 6/12; last, 6/28

Also taught 5:30–7:15 p.m. T, 6/10–7/8; 7/22

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 65032. Practicum—Elementary**

2 credits, Waldron (8-0-2)

1:45–3:00 M 6/9–7/21

**CRN 1277**; ID # EDU 65032 01

Last “add” date: 6/13

“Drop” dates: refund, 6/18; last, 7/1

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. Practicum—Middle School**

2 credits, Waldron (8-0-2)

1:45–3:00 M 6/9–7/21

**CRN 1278**; ID # EDU 65034 01

Last “add” date: 6/13

“Drop” dates: refund, 6/18; last, 7/1

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. Practicum—High School**

2 credits, Waldron (8-0-2)

1:45–3:00 M 6/9–7/21

**CRN 1279**; ID # EDU 65036 01

Last “add” date: 6/13

“Drop” dates: refund, 6/18; last, 7/1

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. Special Topics in Education**

1 or 2 credits, Johnstone (V-V-1or 2)

CRN varies with instructor

ID # EDU 67980

**LEADERSHIP PROGRAM**

The Alliance for Catholic Education Leadership program provides an intensive, 14-month experience encompassing the dispositions of becoming a professional administrator, fostering school community, and ongoing spiritual formation. Successful completion results in state certification for service as a school principal. Courses are taken at Notre Dame during two summers and via distance learning during the intervening academic year. An earned master’s degree is required for admission. Students must be accepted into the Leadership Program in order to enroll in leadership courses.

**Course Descriptions.** The 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, summer session office, or from *IrishLink*.

**EDU 70603. Educational Administration**

3 credits, Nuzzi (15-0-3)

8:30–noon MWF 6/23–7/18

**CRN 1210**; ID # EDU 70603 01

Last “add” date: 6/26

“Drop” dates: refund, 6/28; last, 7/6

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. Course work includes selected readings, discussion, lecture, simulations, case studies, and problem-based learning techniques.

**EDU 70604. Financial Management**

3 credits, McDade (20-0-3)

1:30–5:30 MTWRF 6/23–7/4

**CRN 2975**; ID # EDU 70604 01

Last “add” date: 6/24

“Drop” dates: refund, 6/25; last, 6/29

This course will benefit those in management in not-for-profit financial issues. Topics covered 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. Human Resource Management**

3 credits, Herb (20-0-3)

1:30–5:30 MTWRF 7/7–7/18

**CRN 2974**; ID # EDU 70605 01

Last “add” date: 7/8

“Drop” dates: refund, 7/9; last, 7/13

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. Leadership in Schools I**

1 credit, Nuzzi (2-0-1)

7:00–9:30 p.m. T 6/24–7/22

**CRN 3126**; ID # EDU 70601 01

Last “add” date: 6/27

“Drop” dates: refund, 6/30; last, 7/9

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 73609. Educational Law**

3 credits, Watson, Sarah (20-0-3)

1:30–5:30 MTWRF 6/23–7/4

**CRN 2963**; ID # EDU 73609 01

Last “add” date: 6/24

“Drop” dates: refund, 6/25; last, 6/29

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 case studies will be discussed.

**EDU 73637. History and Philosophy of Education**

2 credits, Nuzzi, Power (8-0-2)

8:30–10:30 a.m. TR 7/7–7/24

2:00–4:00 p.m. TR 7/7–7/24

**CRN 3598**; ID # EDU 73636 01

Last “add” date: 7/9

“Drop” dates: refund, 7/11; last, 7/16

A general overview of historical and philosophical trends in American education, with an emphasis on moral and ethical education. Catholic schools in the United States have historically offered a counter-cultural alternative to public school education. This course analyzes various historical episodes of that tendency with a view to helping participants arrive at their own historically grounded philosophy of education.

**EDU 73777. Educational Research Methodology**

3 credits, Nuzzi, Holter (15-0-3)

MWF 7/7–7/23

ID # EDU 73777

Last “add” date: 7/11

“Drop” dates: refund, 7/12; last, 7/18

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.

## GENDER STUDIES

### Director:

Eileen Hunt Botting

### Program Coordinator:

Linnie Caye  
(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 national identity—in all areas of human life. Gender studies illuminate how gender and its cognates inflect 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.

### Course Requirements.

Students in the supplementary major are required to complete 24 credit hours distributed as follows: Introduction to gender studies, GSC 10001/20001 (3 credits); Introduction to Feminist and Gender Theory, GSC 10002/20002 (3 credits); one gender studies diversity course (3 credits); one gender studies humanities course (3 credits); one gender studies social science course (3 credits); Gender Studies Senior Internship, GSC 45001 01 or Gender Studies Senior Thesis, GSC 4800101 (3 credits); plus two other gender studies courses (6 credits).

Students in the minor are required to complete 15 credit hours distributed as follows: one introductory gender studies course, either Introduction to Gender Studies, GSC 10001/20001 or Introduction to Feminist and Gender Theory, GSC 10002/20002 (3 credits), plus four other gender studies courses (12 credits).

**Course Descriptions.** The following course description gives the number and title of the 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.

### GSC 30309. Labor and America since 1945

(Cross-listed with AMST 30362, HIST 30856, IIPS 30922)

3 credits, Graff (3-0-3)

8:55–11:25 TR 6/17–7/31

**CRN 3537**; ID # GSC 30309 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last 7/10

Enrollment Limit: 2

This course explores the evolving relationships of American workers to politics, the economy, and the wider culture since 1945. The United States emerged from World War II as the strongest global power, and its citizens subsequently enjoyed a long postwar economic boom that created what we might call the first truly middle-class society in world history. At the heart of that new society was the American labor movement, those unions like the United Auto Workers and the United Steel Workers who ensured that at least from of the postwar profits made it into the wallets of workers and their families. Today, however, unions represent only 8 percent of workers in the private sector. What accounts for the decline of organized labor since the 1950s? What has the decline of the labor movement meant for workers specifically, and the American economy and politics more broadly? How and why have popular perceptions of unions changed over time? What has been the relationship of organized labor to the civil rights movement, feminism, and modern conservatism? What is "globalization" and what has been its impact upon American workers? Through an exploration of historical scholarship, memoirs, and Hollywood films, this course will try to answer these questions. Students interested in politics, economic development, International relations, social justice, human rights, peace studies or mass culture are particularly welcome.

## KANEB CENTER FOR TEACHING AND LEARNING

### Director:

Alexander J. Hahn, Ph.D.  
(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.

**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.

### GREd 60501. Teaching Engineering Tutorials and Laboratories

1 credit, Staff (14-0-1)

9:00–4:00 TW 8/12–8/13

**CRN 2770**; ID # GREd 60501 01

Last "add" date: 8/12

"Drop" dates: refund, 8/12; last, 8/13

This course is intended for teaching assistants in engineering disciplines. It will address aspects of professionalism, learning styles, classroom procedures, characteristics of the Notre Dame undergraduate, sensitivity to diversity, etc. A short presentation of a topic in your discipline is a course requirement.

### GREd 60601. Preparing for an Academic Career in Physics, Mathematics and Engineering

1 credit, Kolda (12-0-1)

9:00–noon TWRF 8/5–8/8

**CRN 1304**; ID # GREd 60601 01

Last "add" date: 8/5

"Drop" dates: refund, 8/6; last, 8/7

This course will cover major issues in teaching of science, mathematics, and engineering on the college level, including:

- (1) how students learn science, mathematics, and engineering (SME): a review of research;



- (2) what are 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;
- (8) balancing teaching and research.

### GREd 60610. Preparing for an Academic Career in the Humanities

(Cross-listed with THEO 87002)

1 credit, Joseph Wawrykow (12-0-1)

1:00–4:00 M,T,R,F 6/2, 6/3, 6/5, 6/6

CRN 3098; ID # GREd 60610 01

Last "add" date: 6/2

"Drop" dates: refund, 6/2; last, 6/3

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. The course introduces doctoral students, especially those in the humanities, to a number of these in an effort to promote professional development. The course is built around four major areas: academic positions and expectations, teaching and teaching skills, research, and service. We will explore a wide range of topics for each of these areas including the preparation of a C.V., an explanation of the tenure process, syllabus construction, the use of technology in teaching, setting up a research agenda, participation in professional societies, external grants, citizenship in the university and society, and principles for a successful career. The course emphasizes the practical requirements of the professorate. It is designed for those in the job market but is open to any who want to learn about the requirements of academia.

### GREd 60612. Effective and Exciting Teaching in Social Sciences

1 credit, Lopez (12-0-1)

9:00 a.m.–noon noon and 1:00–3:00 M,T,R,F

6/9, 6/10, 6/12, 6/13

CRN 2356; ID # GREd 60612 01

Last "add" date: 6/10

"Drop" dates: refund, 6/10; last, 6/12

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.

### GREd 60640. Designing and Teaching Your First Biology or Chemistry Course

1 credit, Hyde (12-0-1)

1:00–5:00 M,T,R 6/2, 6/3, 6/5

CRN 1122; ID # GREd 60640 01

Last "add" date: 6/2

"Drop" dates: refund, 6/3; last, 6/4

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.

### 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

##### AME 87891. Visiting Teacher Special Studies

Variable credits, Staff (V-V-V)

CRN 3207; ID # AME 87891

Special independent study course for visiting teachers.

#### Department of Chemical and Biomolecular Engineering

##### CBE 87810. Special Independent Study Course for Visiting Teachers

Variable credits, Staff (V-V-V)

CRN 3251; ID # CBE 87810

#### Department of Civil Engineering and Geological Sciences

##### CE 87200. Special Independent Study Course for Visiting Teachers

Variable credits, Staff (V-V-V)

CRN 3294; ID # CE 87200

#### Department of Computer Science and Electrical Engineering

##### CSE 87701. Summer Research Education for Teachers

Variable credits, Staff (V-V-V)

CRN 3293; ID # CSE 87701

#### Department of Electrical Engineering

##### EE 87061. Summer Research Education for Teachers

Variable credits, Staff (V-V-V)

CRN varies with instructor; ID # 87061

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

### Center for Environmental Science and Technology

#### ENVG 87123. Research Experience for K–12 Educators at the Environmental Molecular Science Institute

Variable credits, Staff (V-V-V)  
CRN varies with instructor; ID # ENVG 87123  
This course is intended for K–12 educators in order to give them research experience in molecular scale environmental geochemistry.

### 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

#### BIOS 77670. Special Problems: Research Experience for High School Instructors

Variable credits, Staff (V-V-V)  
**CRN 3208**; ID # BIOS 77670  
Registration limited to high school instructors participating in summer RET programs at Notre Dame.

### Department of Chemistry

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

Variable credits, Staff (V-V-V)  
**CRN 3209**; ID # CHEM 77670  
Registration limited to high school instructors participating in summer RET programs at Notre Dame.

### 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.

#### MATH 68990. Elements of Probability and Statistics

Variable credits, Edgar, Diller, Hahn (V-V-V)  
**CRN 3298**; ID # MATH 68990  
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.

### 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.

#### PHYS 68098. Directed Research in Physics Teaching

3 credits, Staff (V-V-3)  
**CRN 3115**; ID # PHYS 68098

*Prerequisites:* Minimum of bachelor’s degree in physics or other physical science, mathematics or education, recommendation of Notre Dame QuarkNet program staff, and concurrence of instructor.

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. Special Studies

Variable credits, Staff (V-V-V)  
CRN varies with instructor  
ID # PHYS 68099

#### PHYS 68299. Directed Research in Astrophysics

Variable credits, Staff (V-V-V)  
**CRN 2376**; ID # PHYS 68299  
*Prerequisites:* 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.

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. Directed Research in Atomic Physics

Variable credits, Staff (V-V-V)  
**CRN 2372**; ID # PHYS 68399

*Prerequisites:* 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. 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. Directed Research in Biophysics

Variable credits, Staff (V-V-V)  
**CRN 2373**; ID # PHYS 68499

*Prerequisites:* 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. 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. Directed Research in Condensed Matter Physics

Variable credits, Staff (V-V-V)  
**CRN 2374**; ID # PHYS 68599

*Prerequisites:* 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. 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. Directed Research in Particle Physics

Variable credits, Staff (V-V-V)

**CRN 2371**; ID # PHYS 68699

*Prerequisites:* Minimum of bachelor's degree in physics or other physical sciences, mathematics or education, recommendation of Notre Dame QuarkNet or RET program staff, and concurrence of research advisor.

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. Directed Research in Nuclear Astrophysics

Variable credits, Staff (V-V-V)

**CRN 1019**; ID # PHYS 68798

*Prerequisites:* Minimum of bachelor's degree in physics or other physical sciences, mathematics, or education; recommendation of Joint Institute for Nuclear Astrophysics program staff; and concurrence of research advisor.

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 68799. Directed Research in Nuclear Physics

Variable credits, Staff (V-V-V)

**CRN 2375**; ID # PHYS 68799

*Prerequisites:* 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.

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

## KROC INSTITUTE FOR INTERNATIONAL PEACE STUDIES

*Acting Director:*

Robert C. Johansen, 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.

**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 Institute office, from the Summer Session office, or from *insideND*.

### IIPS 20501. International Relations

(Cross-listed with POLS 20200)

3 credits, Thompson (5-0-3)

10:30–11:50 MTW 6/17–7/31

**CRN 3384**; ID # IIPS 20501 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

Enrollment limit: 5

This course provides students with an understanding of historical and current events in world politics. As such, the course has three central objectives: to introduce various theoretical frameworks for analyzing international political and economic events, to provide an overview of substantive issues in international relations, and to supply a basic understanding of citizens might be effective actors and observers of global politics. We explore substantive issues such as cooperation and conflict in international relations, the cause of war, terrorism, nuclear proliferation, regional free trade agreements, the causes and effects of economic globalization, and the role of international law and institutions. Discussion sections use historical case studies and current events and policy dilemmas to illustrate concepts introduced in lectures. This course cannot be taken if you have already taken POLS/GOVT 10200 or 10200 or 20100.

### IIPS 20502. Responding to World Crisis

(Cross-listed with SOC 20533)

3 credits, Valenzuela (5-0-3)

10:30–11:55 MTWRF 6/17 to 7/18 (five weeks)

**CRN 3743**; ID # IIPS 30925 01

Last "add" date: 6/20

"Drop" dates: refund, 6/23; last, 7/3

Enrollment limit: 2

This course focuses on current issues in international affairs and what the U.S. policy response to them should be. The participants will be divided into groups specializing in events and issues in each continent in the world, with an additional group focusing on the international economy. Each session of the seminar will hear the reports prepared by students in two of such (i.e., the Africa and the Asia groups, or the Europe and world issues groups). The reports must be individually written, with the crisp style of policy briefs, on different countries or issues, and must include an assessment of the origins and nature of the problem or problems at hand, as well as recommendations regarding what the United States should do. The required reading for the seminar will be the *New York Times* (the printed version) on a daily basis. Students may go to Internet news services of the *New York Times* or other sources such as the *Economist* for additional background information on the situation they wish to write about.

### IIPS 30922. Labor and America since 1945

(Cross-listed with AFAM 30276, AMST 30362,

GSC 30309, HIST 30856)

3 credits, Graff (3-0-3)

8:55–11:25 TR, 6/17–7/31

**CRN 3759**; ID # IIPS 30922 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

Enrollment limit: 2

This course explores the evolving relationships of American workers to politics, the economy, and the wider culture since 1945. The United States emerged from World War II as the strongest global power, and its citizens subsequently enjoyed a long postwar economic boom that created what we might call the first truly middle-class society in world history. At the heart of that new society was the American labor movement, those unions like the United Auto Workers and the United Steel Workers who ensured that at least from of the postwar profits made it into the wallets of workers and their families. Today, however, unions represent only 8 percent of workers in the private sector. What accounts for the decline of organized labor since the 1950s? What has the decline of the labor movement meant for workers specifically, and the American economy and politics more

broadly? How and why have popular perceptions of unions changed over time? What has been the relationship of organized labor to the civil rights movement, feminism, and modern conservatism? What is "globalization," and what has been its impact upon American workers? Through an exploration of historical scholarship, memoirs, and Hollywood films, this course will try to answer these questions. Students interested in politics, economic development, International relations, social justice, human rights, peace studies or mass culture are particularly welcome.

### IIPS 30925. Race and Ethnicity

(Cross-listed with SOC 30806)

3 credits, Sobolewski (5-0-3)

10:30–12:15 MTWRF 6/17–7/31

CRN 3622; ID # IIPS 30925 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

Enrollment limit: 2

This course has three objectives. First, the course will help you to think critically about issues related to race and ethnicity in American society. These issues include the meaning of race and ethnicity; the extent of racial and ethnic inequality in the United States, the nature of racism, discrimination, and racial stereotyping; the pros and cons of affirmative action; the development of racial identity; differences between assimilation, amalgamation, and multiculturalism; and social and individual change with respect to race relations. The second objective is to foster a dialogue between you and other students about racist and ethnocentric attitudes and actions. The third objective is to encourage you to explore your own racial and ethnic identity and to understand how this identity reflects and shapes your life experiences.

### IIPS 30927. Immigration in Global Perspective

(Cross-listed with AMST 30610, ANTH 30305, SOC 30015)

3 credits, Albahari (3-0-3)

1:15 to 3:45 TW 6/17–8/1

CRN 3717; ID # IIPS 30927 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

Enrollment limit: 1

How do people in immigrant-receiving countries shape their attitudes toward immigrants? What are the differences between refugees and other migrants? How is immigration related to urban "immigrant riots?" And what can anthropological studies of borders and national policies tell

us about the transnational world in which we live? We will examine these and related questions, and more generally, the causes, lived experiences, and consequences of migration. We will acquire a sound understanding of migration in its social, political, legal, and cultural facets. Fieldwork accounts from countries of origin and from the United States, Europe, Australia, and Japan will enable us to appreciate both global and U.S.-distinctive trends. Rather than merely learning a collection of facts about immigrants, we will address how migration intersects with gender and class; the mass media; border enforcement; racism; the economy; territory and identity formation, and religion.

### IIPS 36401/46401. Directed Readings

Variable credits, Staff (V-V-V)

CRN 2594; ID # IIPS 36401

CRN 2611; ID # IIPS 46401

### IIPS 40902. Self, Society, and Environment

(Cross-listed with SOC 43719)

3 credits, Weigert (5-0-3)

1:15–3:45 TR 6/17–7/31

CRN 3033; ID # IIPS 40902 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

Enrollment limit: 2

This course focuses on social psychological aspects of relationships between humans and the natural environment. Issues include how humans interact with different environments, symbolic transformations of environments, and competing accounts or claims concerning human-environment relationships. The course is framed in a sociology of knowledge perspective and touches on alternative ways of envisioning and valuing individual and institutional perspectives on human-environment relationships with an eye toward implications for social change.

### IIPS 66201. Directed Readings

Variable credits, Staff (V-V-V)

CRN 3099; ID # IIPS 66201

### IIPS 76201. Directed Readings

Variable credits, Staff (V-V-V)

CRN 2617; ID # IIPS 76201

### IIPS 78102. Nonresident Thesis Research

1 credit, Staff (V-V-1)

CRN 3431; ID # IIPS 78102

## 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.

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

### ILS 40601. Psychology of Race

(cross-listed with AFST 43701, PSY 43348)

3 credits, Pope-Davis, Brooks (5-0-3)

1:15–3:45 TR 6/17–7/31

CRN 3379; ID # ILS 40601 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

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.

## MENDOZA COLLEGE OF BUSINESS MASTER OF NONPROFIT ADMINISTRATION PROGRAM

### Director:

Thomas J. Harvey, M.S.W.

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                          | 3       |

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 [nd.edu/~mna](http://nd.edu/~mna).

All inquiries should be directed to the following address:

Thomas J. Harvey, M.S.W.A  
Director, Master of Nonprofit  
Administration Program  
Mendoza College of Business  
Notre Dame, IN 46556-5646  
Tel.: (574) 631-7302  
Fax: (574) 631-6532  
E-Mail: [Thomas.J.Harvey.18@nd.edu](mailto:Thomas.J.Harvey.18@nd.edu)

## 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.

**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.

### UB 00105. Elements of Calculus I

3 credits, Staff (6-0-3)

1:30–3:00 MTWRF 6/20–7/29

**CRN 1226**; ID # UB 00105 01

Last "add" date: 6/24

"Drop" dates: refund, 6/28; last, 7/10

An introduction to calculus on algebraic, exponential, and logarithmic functions. The real number line, limits and continuity, derivatives, intermediate and mean value theorems, local extrema, the first and second derivative tests, and application to maxima and minima.

### UB 00109. Composition and Literature

3 credits, Staff (6-0-3)

10:30–11:45 MTWRF 6/20–7/29

**CRN 3052**; ID # UB 00109 01

Last "add" date: 6/24

"Drop" dates: refund, 6/28; last, 7/10

Emphasizes training in the art of clear and effective expository prose and in the analysis and appreciation of the various types of literature.

## 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, 2-1/2 hours each day.

**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 Summer Session office, or from *insideND*.

### FYC 11050. First Year Composition Summer Studio

0 credits, Mick (0-6-0)

noon–1:00 MTWR 6/17–7/31

**CRN 3488**; ID # FYC 11050 01

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

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. First Year Composition Summer Seminar—Section 01

3 credits, Mick (6-0-3)

11:30–1:00 MTWR 6/17–7/31

**CRN 3487**; ID # FYC 13150 02

Last "add" date: 6/22

"Drop" dates: refund, 6/26; last, 7/10

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

### PCSE 03230. African American Scholars at Notre Dame

1 credit, Pierce  
9:00–5:00 MTWRF 7/7–7/11  
CRN 1176; ID # PCSE 03230 01

African American Scholars at Notre Dame invites outstanding Catholic high school student leaders entering their senior year to apply for this selective program, which is fully underwritten by the University. The Scholars seminar will guide students in exploring the rich spiritual, historical, and political legacy of African American leadership and supports them in enhancing their own strengths, values, and leadership skills. The Scholars seminar provides a complete Notre Dame experience and the opportunity to interact with some of the University's most dynamic faculty, administrators, and students.

Students must submit an online application ([precollege.nd.edu](http://precollege.nd.edu)) by February 15, 2008. 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, telephone (574) 631-0990.

## SCHOOL OF ARCHITECTURE, CAREER DISCOVERY PROGRAM

### Chair:

Michael Lykoudis, Ph.D.  
Dept. Tel.: (574) 631-6137

**Course Description.** The following course description gives the number and title of the 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 Summer Session office, or from the Registrar.

### ARCH 01110. Career Discovery in Architecture at Notre Dame

0 credits, Staff (V-V-0)  
6/15–6/27  
CRN 1911; ID # ARCH 01110 01  
Last "add" date: 6/26  
"Drop" dates: refund, 7/28; last, 8/4

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

### Director of Academic Affairs:

Catherine F. Pieronek  
College of Engineering  
Dept. Tel.: (574) 631-5530

**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.

### EG 00100. Introduction to Engineering

0 credits, Bualuan (V-V-0)  
6/15–7/3  
CRN 1391; ID # EG 00100 01  
Last "add" date: 6/17  
"Drop" dates: refund, 6/19; last, 6/25

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 engi-

neering environments, are included. Offered in the first three weeks of the summer session.

### EG 00200. Introduction to Engineering

0 credits, Bualuan (V-V-0)  
7/6–7/24  
CRN 1390; ID # EG 00200 01  
Last "add" date: 7/8

"Drop" dates: refund, 7/10; last, 7/16  
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

### PCSE 03220. Global Issues Seminar 2008

1 credit, Lopez (40-0-1)  
9:00–5:00 MTWRF 7/21–7/25  
CRN 1247; ID # PCSE 050 01

Through a series of integrated themes and experiences this seminar addresses the issue of whether, in an era of rapid globalization, peace and justice might be achieved, and how those who take Catholic social teaching seriously might plan a role in that process. The students will examine how the values we possess might interact with political, economic, and social realities to produce viable strategies in the future. Particular emphasis will be placed on the prospects for Christian-Muslim dialogue and the challenges of living in a post-9-11 world.

Students must submit an online application ([precollege.nd.edu](http://precollege.nd.edu)) by February 15, 2008. 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, telephone (574) 631-0990.

## LATINO COMMUNITY LEADERSHIP SEMINAR

*Director:*

Joan Martel Ball  
Dept. Tel.: (574) 631-0990

### PCSE 03240. Latino Community Leadership Seminar

1 credit, Brown-Gort, Macharaschwil  
9:00–5:00 MTWRF 7/14–7/18

**CRN 3233**; ID # PCSE 03240 01

The Latino Community Leadership Seminar (LCLS) invites 40 outstanding Latino high school students entering their senior year to participate in an exciting new seminar at the University of Notre Dame. The week consists of stimulating presentations, in-depth discussions, and enriching experiences in which students explore the role of Latinos in U.S. society and examine new avenues for effective Latino leadership. Additionally, students will build on their own strong commitment to community service as they learn more about Latino values and the Catholic social tradition.

Students must submit an online application ([precollege.nd.edu](http://precollege.nd.edu)) by February 15, 2008. 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, telephone (574) 631-0990.

## SUMMER SCHOLARS

*Director:*

Joan Martel Ball  
Dept. Tel. (574) 631-0990  
June 22—July 5, 2008

A two-week summer program for high school students who have completed their sophomore or junior year, 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 1, 2008. 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, 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: [summerscholars.nd.edu](http://summerscholars.nd.edu).

### Summer Scholars Track I: Acting for Stage and Film: Acting Professionally

0 credit, Scott  
9:00–4:00 MTWRF, 6/22–7/5

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.

Week two covers the business of being an actor and acting for film and television. Students will travel to Chicago to see a play and meet with professional actors and directors. Each participant will create a résumé, take starter headshots, and perform in short scenes that will be open to all Summer Scholars participants.

### Summer Scholars Track II: Business/Entrepreneurship: Recognizing Needs, Creating Businesses, and Investing in Them

0 credit, Buckenmeyer, Krcmaric  
9:00–4:00 MTWRF, 6/22–7/05

From Main Street to Wall Street, the business world is dynamic and exciting. This two week program will begin by offering students teaming up to compete in a business simulation designed to help students translate business

theories from marketing, production, distribution, finance, human resources, and ethics into decisions, commitments, and actions. Then senior-level staff from the University's Investment Office with professional experience in the financial world will introduce students to both the theoretical and practical aspects of managing money in the modern global investment environment.

In the second week, students will continue the simulation challenge and fun experience studying the basics of business and entrepreneurship with faculty from ND's Mendoza College of Business and entrepreneurs from the area. Classroom lectures, presentations, group work, and field trips will be shared so that each student can gauge his or her performance against a strong group of pre-college students.

### Summer Scholars Track III: Film and Video Production: Making Movies Under the Dome

0 credit, Mandell  
9:00–4:00 MTWRF 6/25–7/06

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 Scholars Program inside the state-of-the-art THX Browning Cinema right on the Notre Dame campus.

### Summer Scholars Track IV: Life Sciences: Ecology/Environmental Science and Molecular Genetics

0 credit, Lewis, Olsen  
9:00–4:00 MTWRF, 6/25–7/06

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.

#### **Summer Scholars Track V: Literature: Faith, Imagination and Justice**

0 credit, Werge, Kelly

9:00–4:00 MTWRF, 6/25–7/06

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.

#### **Summer Scholars Track VI: Policy Debate and Public Speaking: Building Skills to Boost Success**

0 credit, Ohmer

9:00–4:00 MTWRF, 6/25–7/06

This track uses a debate format to help you develop skills in research, writing, and public speaking that will prepare you for a demanding college environment. We will work within the format of policy debate, a new offering 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.

A visit to the College Football Hall of Fame provides material for your talks. 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. 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.

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.

#### **Summer Scholars Track VII: Pre-Law: Jurisprudence, Justice, and the American Legal System**

0 credit, O'Brien, O'Brien

9:00–4:00 MTWRF, 6/25–7/06

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 antidiscrimination laws. The track is delivered through a combination of classroom lectures, discussions, team projects, student presentations, field trips, and mock trials.

#### **Summer Scholars Track VIII: Psychology: Past, Present and Future**

0 credit, Mitchell

9:00–4:00 MTWRF, 6/22–7/5

There are many common misconceptions held about the discipline of psychology. Often psychology is seen as a field based on "common sense," one that lacks scientific thought and theory. This course aims to rectify these views and to open students' minds to the theoretical, scientific, and real-world applications of this field.

Students in the psychology track will explore the different facts and fictions of psychology that have been debated over the course of its history and will examine where this discipline may go in the future. In addition to learning about the theories and studies of famous psychologists, we will also attempt to gain a better understanding of why humans think and act in certain ways and learn to apply current psychological concepts to our everyday lives. Finally, a main portion of this track will focus on the different domains of psychology. Students will learn about the various "types" of psychology, including developmental, clinical, and forensic, and will gain a better understanding about the

work of professionals in each of these subfields. They will conduct their own research studies and will talk to guest speakers who can offer perspective about the application of psychology to real world scenarios. Primarily, the main goal of the psychology track will be to help students recognize that there is much more to the successful understanding of psychology than just common sense.

#### **Summer Scholars Track IX: Theology: Christ and the Revolution of God**

0 credit, Griffin

9:00–4:00 MTWRF, 6/22–7/5

What was the message of Jesus, and why did it anger people to the point of wanting to kill him?

Today, bookstores are filled with ideas of how Jesus' teachings can help us become well-off, well-liked, or both. Fewer are talking about Jesus' teachings as counter-cultural and even revolutionary. Yet theologians increasingly are recognizing, or remembering, an unpopular conclusion: The Gospel presents a radical and challenging vision of the world that often contradicts values that society holds dear.

Jesus' vision of the world is revealed in his proclamation of "the kingdom of God." Thus, when Jesus announces "the kingdom of God is at hand," we should consider what, specifically, he means. What does God's kingdom look like? What are the politics of that kingdom? What kind of regime is it? Is it compatible with contemporary regimes?

All of these questions are just the tip of the iceberg we will encounter. If you want easy answers, stay away. But if you want to study and learn with Notre Dame's eminent scholars of Scripture and Catholic tradition, then join us. We will not only delve into research into the historical and spiritual meanings of Jesus' teaching; we also will see how the Church has interpreted those meanings over the centuries. In doing so, we will encounter the theological legacies of figures such as St. Benedict, St. Augustine, Sts. Clare and Francis, St. Ignatius, St. Therese of Lisieux, and Dorothy Day, to name just a few.

#### **Summer Scholars Track X: Voice: Opera and Song**

0 credit, Beudert

9:00–4:00 MTWTF, 6/22–7/5

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 new found knowledge to practical use. A field trip to the exciting Chicago summer classical music life is planned.

#### **Summer Scholars Track XI: This World and the Next: Love, Life and God in THE BROTHERS KARAMAZOV**

0 credit, Gasperetti  
9:00–4:00 MTWTF, 6/22–7/5

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 19th-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.

#### **Summer Scholars Track XII: Dante's INFERNO: Instructions for Use**

0 credit, Cachey  
9:00–4:00 MTWTF, 6/22–7/5

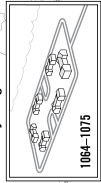
According to an eminent critic "Understanding the *Inferno* is a process that might be characterized as hyperbolic doubt systematically applied to the values of contemporary society." This may explain the revival of interest in the poem we have witnessed of late. In this track, students will read the *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.

#### **Summer Scholars Track XIII: China's Transformation: Understanding the New Global Power**

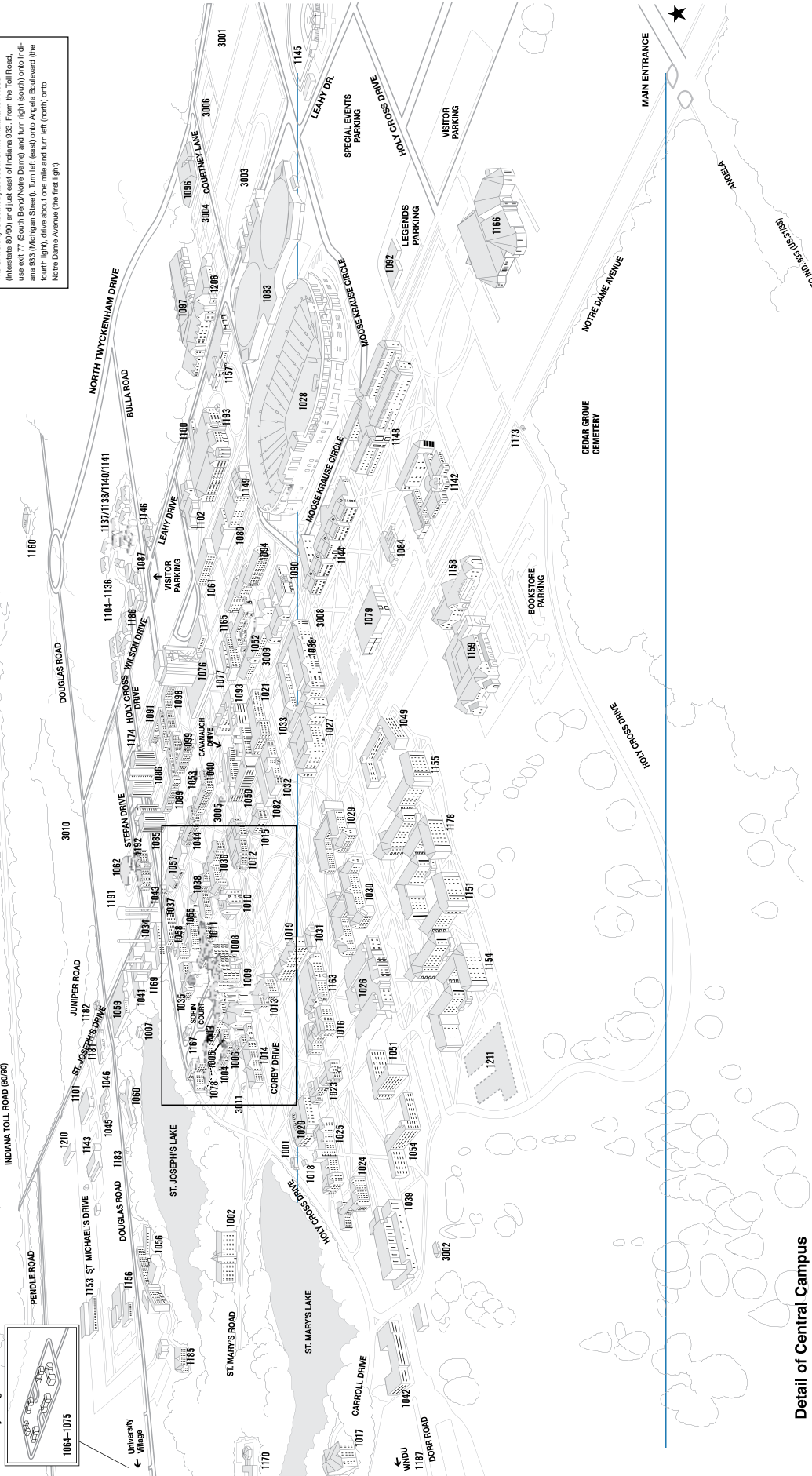
0 credit, Jensen  
9:00–4:00 MTWTF, 6/22–7/5

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 multi-dimensional exposure to China today.

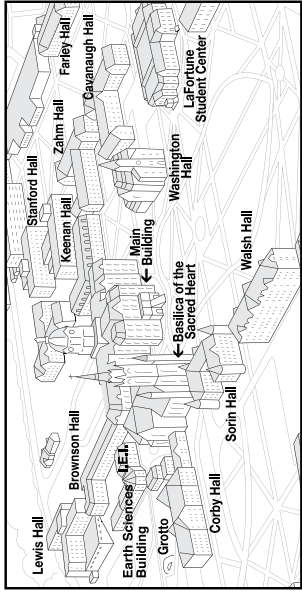
Detail View of University Village



**Directions to the campus**  
 The University is located just south of the Indiana Toll Road (Interstate 80/90) and just east of Indiana 933. From the Toll Road, use exit 77 (South Bend/Notre Dame) and turn right (south) onto Indiana 933 (Michigan Street). Turn left (east) onto Angelle Boulevard (the fourth light), drive about one mile and turn left (north) onto Notre Dame Avenue (the first light).



Detail of Central Campus



# UNIVERSITY OF NOTRE DAME

MAP COURTESY OF NOTRE DAME ALUMNI ASSOCIATION - 8/07





Rev. John I. Jenkins, C.S.C.,  
D.Phil.



Terrence J. Akai, Ph.D.

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**The Spirit of Inclusion at Notre Dame**  
**“Strangers and sojourners no longer...” (Ephesians 2:19)**

The University of Notre Dame strives for a spirit of inclusion among the members of this community for distinct reasons articulated in our Christian tradition. We prize the uniqueness of all persons as God’s creatures. We welcome all people, regardless of color, gender, religion, ethnicity, sexual orientation, social or economic class, and nationality, for example, precisely because of Christ’s calling to treat others as we desire to be treated. We value gay and lesbian members of this community as we value all members of this community. We condemn harassment of any kind, and University policies proscribe it. We consciously create an environment of mutual respect, hospitality, and warmth in which none are strangers and all may flourish.

One of the essential tests of social justice within any Christian community is its abiding spirit of inclusion. Scriptural accounts of Jesus provide a constant witness of this inclusiveness. Jesus sought out and welcomed all people into the Kingdom of God—the gentile as well as the Jew, women as well as men, the poor as well as the wealthy, the slave as well as the free, the infirm as well as the healthy. The social teachings of the Catholic Church promote a society founded on justice and love, in which all persons possess inherent dignity as children of God. The individual and collective experiences of Christians have also provided strong warrants for the inclusion of all persons of good will in their communal living. Christians have found their life together enriched by the different qualities of their many members, and they have sought to increase this richness by welcoming others who bring additional gifts, talents, and backgrounds to the community.

The spirit of inclusion at Notre Dame flows from our character as a community of scholarship, teaching, learning, and service founded upon Jesus Christ. As the Word through whom all things were made, Christ is the source of the order of all creation and of the moral law that is written in our hearts. As the incarnate Word, Christ taught the law of love of God and sent the Holy Spirit that we might live lives of love and receive the gift of eternal life. For Notre Dame, Christ is the law by which all other laws are to be judged. As a Catholic institution of higher learning, in the governance of our common life we look to the teaching of Christ, which is proclaimed in Sacred Scripture and tradition, authoritatively interpreted by Church teaching, articulated in normative understandings of the human person, and continuously deepened by the wisdom born of inquiry and experience. The rich heritage of the Catholic faith informs and transforms our search for truth and our understanding of contemporary challenges in higher education.

This statement was adopted by the officers of the University on August 27, 1997.

