

BULLETIN OF INFORMATION

UNIVERSITY OF NOTRE DAME
SUMMER 2009



2009 BULLETIN OF INFORMATION

UNIVERSITY OF NOTRE DAME SUMMER SESSION

University of Notre Dame

Office of the Registrar/ Summer Session Office

Office Hours

8:00 a.m.–4:30 p.m.

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nd.edu/~sumsess

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

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

Nondiscrimination

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

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

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

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ACADEMIC CALENDAR 2009

JUNE

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

JULY

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

AUGUST

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

TRADITIONAL SUMMER SESSION DATES

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

June 22, Monday

Web enrollment on *insideND* (inside.nd.edu). 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 23, Tuesday

Classes begin at 8:00 a.m.

June 26, Friday

Last date to add regular 7-week summer session classes

July 2, Thursday

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

July 16, Thursday

Last date to drop regular 7-week summer session classes

July 17, Friday

Latest date for master's comprehensive examinations and Ph.D. dissertation defenses for graduation in August 2009

July 24, Friday

Latest date for applying for admission to candidacy for the doctor's or master's degree to be awarded August 2009

July 24, Friday

Latest date for presenting completed theses and dissertations in the Graduate School Office for graduation in August 2009

Aug. 6, Thursday (7-week classes)

Last class day

Aug. 7, Friday (7-week classes)

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	6/23–8/6
TOTAL CREDITS							

* EXAMPLE

THE UNIVERSITY AND THE SUMMER SESSION



THE UNIVERSITY

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

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

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

The University embodies four undergraduate colleges (arts and letters, science, engineering, and business), the School of Architecture, the Law School, the graduate division of the Mendoza College of Business, and a graduate school offering programs for the master's and Ph.D. degrees in 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 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 2009 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 18 through the course add and drop dates published in this *Bulletin*. In addition, this information and updates can be viewed by selecting "Class Search" in *insideND* (inside.nd.edu) or from the Office of the Registrar home page.

Course descriptions and the individual course reference numbers (CRNs) required to register are in this *Bulletin*. In addition, this information and updates can be viewed by selecting "Class Search" in *insideND* (inside.nd.edu) or from the Office of the Registrar home page.

Instructions for web registration (course selection) by Notre Dame continuing students

will be available on the web at registrar.nd.edu in early March. Continuing students may "Add or Drop Classes" on *insideND* (inside.nd.edu) according to the dates displayed with each course.

Forms for on-campus meal plans and housing are available at nd.edu/~sumsess.

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 apply for courses online. The online application is available on the Notre Dame Summer Session website at nd.edu/~sumsess.

Once accepted, 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 complete the Graduate School online application as degree-seeking when it becomes available (approximately March 1).

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

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

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

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

Course Selection. This *Bulletin of Information* serves as a schedule of courses containing specific information about each course [e.g., course number, course reference number (CRN), title, meeting time/days, 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* (inside.nd.edu) or from the Office of the Registrar home page (registrar.nd.edu).

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

Selection of a course is subject to the approval of the department in which it is offered. Official admission to the University for the purpose of taking courses in the summer session is granted only by the director of the summer session.

English Language Qualification.

International students whose native language is not English, or who have not completed at least two years of full-time study in an English-speaking university, must submit official score reports from the Test of English as a Foreign Language (TOEFL) showing a score of at least 250 on the computer-based test or a total score of at least 80 on the Internet-based test.

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

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

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 may web enroll beginning on May 18, 2009. Web enrollment is available any computer through a web browser. Summer-only students must first obtain a NetID and password by accessing <https://accounts.nd.edu/> activation. All students who have a NetID may then web enroll through *insideND* (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 23–26) must enroll no later than Friday, June 26. 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 who has applied for the summer session and has not received official notice of admission, and any student who has not yet applied, must report to the Office of the Registrar, 105 Main Building, 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 23–26) 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 18.

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 pursuing a Notre Dame graduate degree and all nondegree students who wish to take more than the maximum number of

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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 23–26) may be added after Friday, June 26.

No seven-week course that begins during the first week of the summer session (June 23–26) may be dropped after Thursday, July 16, 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. They will also be available by selecting “Class Search” in *insideND* (inside.nd.edu) or from the Office of the Registrar (registrar.nd.edu) home page.

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

Non-Notre Dame summer-only students who have registered using the online application for courses may change their course selections by contacting the Office of the Registrar prior to their arrival on campus. After arrival on campus, summer-only students must use the University’s Web registration system through *insideND* (inside.nd.edu) 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). After entering the NetID and password obtained at <https://accounts.nd.edu/activation>, students go to the menu and select “Add or Drop Classes” and then select the term “Summer 2009” 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 26, using the standard *Academic Course Change* form must secure official approv-

als for such changes according to the following guidelines:

Schedule changes (adds or drops) requested by students pursuing a Notre Dame undergraduate degree must be approved by the chair of the department in which the course is offered and by the appropriate associate or assistant dean of the college in which the student is enrolled. First-year students should seek the approval of the dean of the First Year of Studies.

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

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

Non-Notre Dame summer-only undergraduate students must make credit-hour changes in the Office of the Registrar, 105 Main Building.

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

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

Changes from credit to audit are made in the Office of the Registrar, 105 Main Building.

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

At the discretion of the instructor, a failing grade may be given for excessive absences. A warning in writing stating “further absences will result in a failing grade” must first be given

to the student with notice to the student’s dean or the director of the summer session.

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

Withdrawal from the Summer Session.

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

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

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

The Undergraduate Grading System.

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

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

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

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

If, with the approval of the student's dean, an "X" grade is given in the student's graduating semester, it will revert to "F" if not changed within 30 days from the date of graduation.

The Graduate School Grading System. Listed below are graduate grades and the corresponding number of quality points per credit hour.

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

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

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

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

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

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

The department and the Graduate School will review a student who receives more than one I in a semester or an I in two or more consecutive

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semesters, to determine his or her eligibility for continued support and enrollment.

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

The grade of V (Auditor) has neither quality-point nor credit-hour value. It is the only grade available to the registered auditor. The audit must be requested within the period of time for adding a course; the auditor should attend the course throughout the entire semester, and it is made part of his or her permanent record. The grade of V cannot be changed to a credit-earning grade. Information about declaring an audit is posted at <http://registrar.nd.edu/audit.shtml>.

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

Honors at Graduation. In the undergraduate colleges, a degree will be granted with highest honors (*summa cum laude*) the student's grade point average ranks among the top 5.000 percent of those students graduating from the student's college or school; for a student whose grade-point-average ranks among the top 15.000 percent of the student's college or school, a degree will be granted with high honors (*magna cum laude*); for a student whose grade-point average ranks among the top 30.000 percent of the student's college or school, a degree will be granted with honors (*cum laude*). A student who meets the requirements of more than one category of honors will be awarded only the highest honor for which that student qualifies.

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

Education. The University is also a member of the Indiana Conference of Higher Education, the International Association of Universities, the Catholicum Universitatum Foederatio (Federation of Catholic Universities) and the Institute of International Education.

Transcripts for **currently** enrolled students can be requested online via *insideND* (inside.nd.edu) 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 2009 are as follows:

Undergraduate tuition	
per semester hour	\$755
Undergraduate tuition for	
auditing per semester hour	\$755
Graduate tuition per semester hour	\$364
Graduate tuition for auditing per	
semester hour	\$364
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 programs are contained in the University's *Undergraduate Bulletin* and *Graduate Bulletin* as well as the Office of Financial Aid website. Ordinarily, assistance is given only to students enrolled in a Notre Dame degree program. 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 2009, the maximum amount offered is \$928. The summer session general fee is not included.

INTERNATIONAL STUDENTS

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

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

HOUSING, LAUNDRY, AND MEALS

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

Housing. Students who wish to reserve a room need to apply online. The online application for campus housing is available on the Notre Dame Summer Session website at nd.edu/~sumsess or at *insideND* (inside.nd.edu) under the "Student Resources" tab. 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. **Air-conditioned housing is not available in the residence halls until the opening of the main summer session, beginning on Sunday, June 21.** 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 2009. 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	\$210 per week (graduate students only)
multi-occupancy	\$155 per week

Non-air-conditioned residence halls:

single-occupancy	\$155 per week
multi-occupancy	\$120 per week

Bed linens, blankets, and pillows are not provided. Items not provided, as well as toiletry articles and other personal supplies, may be purchased at the University bookstore.

Personal property insurance coverage is recommended for all students. For more information, send an Email to orlh@nd.edu.

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 Aug. 7.

Students who decide to not attend the summer session, or who decide to live in off-campus housing, must cancel any on-campus housing at

least one week in advance of the period specified on the housing application. Because of regular maintenance and special renovation projects, residents can expect work in the residence halls, as well as temporary interruption of utility services.

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

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

Meal Plans. Weekly prepaid meal plans are available for use in South Dining Hall and are programmed on your Student ID card once the meals are purchased. Each weekly meal plan begins with Saturday breakfast and ends after Friday dinner. To purchase a meal plan, you may either obtain an electronic application through our website at food.nd.edu (complete and mail or send by email), or you may visit the Card Services Office located on north side of South Dining Hall, lower level, to complete a paper application. Meal plans may be conveniently charged to your student account (a charge account automatically created for every registered student). Additional payment options include payment by cash or check. If paying by cash, the exact amount is required. If paying by check, please make it payable to "University of Notre Dame." Once your meal plan application is submitted, please allow one business day for programming onto your ID card. Unused meals do not carry over to the following week and are nonrefundable. If you need to cancel your submitted meal plan, please notify the Card Services Office to request your refund for each unused week. For further questions, contact the office at (574) 631-7814.

Summer session meals begin May 26, 2009, and end Aug. 6, 2009. The following meal plans may be purchased for any number of weeks. Note: There will be no dinner meal on Friday, June 5, 2009.

Blue Plan (Up to 21 meals per week/3 meals per day): \$147 per week

Gold Plan (Up to 14 meals per week, any combination): \$126 per week

Perfect 10 (Any 10 meals per week): \$101 per week

Perfect 5 (Any 5 meals per week): \$53 per week

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

Breakfast:	\$7.26
Lunch:	\$10.79
Dinner:	\$12.27

Flex Points Blocks. With the meal plan application, you may purchase Flex Points for your ID card for use during the *entire* summer session (with or without a meal plan) to buy food by debit at campus restaurants and eateries. One Flex Point is equivalent to one dollar. Many students supplement meal plans with Flex Points to experience a variety of food choices across campus. Once purchased, Flex Points are nonrefundable, and unused Flex Points expire after Aug. 7, 2009. Visit food.nd.edu for a complete listing of Food Services locations.

STUDENT ACCOUNTS

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

Students whose accounts have not been paid in full at the end of the summer session will not receive transcripts of grades. Also, diplomas, professional certificates, transcripts of credit, or other information concerning academic or disciplinary records will not be given until an account is paid in full.

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

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

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

UNIVERSITY RULES AND REGULATIONS

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

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

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

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

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

THE HESBURGH LIBRARIES

The Hesburgh Libraries system consists of 10 libraries that house most of the books, journals, manuscripts, and other non-book library materials available on the campus. Currently, the collections contain over 3.3 million volumes, more than 3 million microform units, more than 34,000 electronic titles, and more than 28,850 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 six libraries were established to meet the teaching and research needs of the 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, on the first floor of the Fitzpatrick Hall of Engineering, has a collection of over 59,000 volumes and receives 134 paper journals and about 1,430 e-journals related to engineering.

The Architecture Library, in Bond Hall, has a collection of more than 34,400 volumes and 95 paper journals and 45 e-journals pertaining to various aspects of architecture.

The Chemistry/Physics Library, in Room 231 of the Nieuwland Science Hall, maintains a collection of over 34,000 volumes and currently receives about 96 paper journals and 580 e-journals in all fields of chemistry and physics.

The Timothy O'Meara Mathematics Library, in Room 001 of the Hayes-Healy Center, has a collection of over 53,000 volumes and subscribes to about 70 paper journals and 440 e-journals that deal with all areas of pure mathematics and many areas of applied mathematics.

The Radiation Chemistry Data Center, in Room 105 of the Radiation Research Building, has a collection estimated at 5,000 volumes and receives six 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 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 then-University Libraries were elected to the Association of Research Libraries in 1962.

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

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 test, medications, special procedures, X-rays, or hospitalization.

The University Health Center is located in Saint Liam Hall, Building 1035, on the University map. The hours of operation are Monday through Friday, 8:00 a.m. to 4:00 p.m.

Written permission for medical treatment of a minor (any person under 18 years) is required from the parent or legal guardian and should be on file at the Student Health Center in order for services to be rendered. After hour urgent care is available at the Medpoint located at 6913 North Main Street, Granger, or at the Emergency Rooms of Memorial Hospital or Saint Joseph Regional Medical Center, both located in downtown South Bend. For a medical emergency, dial 911.

UNIVERSITY COUNSELING CENTER

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

During the summer the UCC is staffed by licensed professional psychologists, counselors, social workers, and doctoral psychology interns who are supervised by psychologists. During the academic year the UCC 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 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: ucc.nd.edu.

INTERNATIONAL STUDENTS

An international student at the University of Notre Dame is any student who is present in the United States on a nonimmigrant visa. This includes any person who is not a U.S. citizen or

U.S. permanent resident. U.S. immigration regulations govern enrollment requirements and restrictions for individuals who are present in the United States in the various visa categories. Non-Notre Dame summer students and summer only students must provide accurate information about visa and immigration status during the application process to ensure compliance with the relevant U.S. immigration regulations. Continuing Notre Dame international students present in the United States on F-1 or J-1 visas are permitted to enroll for the summer session provided that their immigration documents remain valid.

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

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:

Office 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 evaluated, an admission decision will be made, and the applicant will be informed by the assistant/associate dean for graduate admissions.

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

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

Continuing graduate degree students (i.e., degree students enrolled in the spring semester of 2009 who are eligible to continue their studies in the fall semester) may have access to University facilities and services from May through August without registering and enrolling for academic credit in the summer session.

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

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

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

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

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

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

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

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

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

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

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

MASTER’S DEGREE

Research and Nonresearch Master’s Programs

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

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

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

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

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

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

Advisers and Thesis Directors. Each student is assigned an adviser from the time of enrollment. This may initially be the director of graduate studies, but an individual adviser or thesis director will be chosen as soon as practicable, following the department’s policies.

Advisers and thesis directors are normally chosen from the teaching and research faculty of the student’s department. There may also be one codirector chosen from the faculty outside (or within) the student’s department. In exceptional cases, a department may choose a thesis director from the Notre Dame teaching and

research faculty outside the student's department. Arrangements for extradepartmental directors or codirectors must be consistent with departmental policies and must be approved by the Graduate School.

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

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

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

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

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

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

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

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

Submitting the Thesis. The format of the thesis should follow the guidelines established by ProQuest. These guidelines can be found in the Graduate School's office or online at graduateschool.nd.edu.

For formatting assistance beyond these guidelines, students should follow the formatting custom in their field. Students may also consult the Graduate School's *Guide for Formatting and Submitting Dissertations and Theses*, available at the Graduate School office and online at graduateschool.nd.edu. When the Graduate School performs its formatting check, it will primarily make sure that the document conforms to the ProQuest guidelines. It is the student's responsibility to submit a clean and professional-looking thesis.

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

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

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

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

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

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

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

COURSE NUMBERING AND SCHEDULING

Course Numbering System.

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

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

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

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

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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 Office of the Registrar, or from *insideND* (inside.nd.edu).

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 3064; 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 3043; ID # AME 87891 01

AME 97099. Special Studies

3 credits, Corke (V-V-3)
CRN 1223; 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

AFST 10401. Introduction to Jazz

(Cross-listed with MUS 10131)
3 credits, Dwyer (5-0-3)
8:55–10:15 MTWR 6/23–8/6
CRN 3513; ID # AFST 10401 01
Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16
A music appreciation course requiring no musical background and no prerequisites. General

coverage of the significant musicians, styles, and structures of jazz music.

AFST 30274. Slavery in the Atlantic World

(Cross-listed with GSC 30570 and AMST 30388)

3 credits, Challenger (5-0-3)
1:15–3:45 MW 6/23–8/6

CRN 3766; ID # AFST 30274 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16

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 30202. African American History II

3 credits, Pierce (3-0-3)
8:55–11:25 TR 6/23–8/6

CRN 3778; ID # AFST 30202 01

Last “add” date: 6/26

“Drop” dates: refund 7/2; last, 7/16

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

AFST 30221. History of Black Power

3 credits (3-0-2)
10:30–12:25 MWF 6/23–8/6

CRN 3782; ID # AFST 30221 01

Last “add” date: 6/26

“Drop” dates: refund 7/2; last, 7/16

This examines how the Black Power movement of the 1960s and 1970s shaped the history of

the United States of America. What is the meaning of "Black Power"? To what extent can we trace its origins or antecedents in the Civil Rights Era? What does studying this particular sociopolitical movement tell us about urbanization, intellectual production, labor unionism, student activism, cultural innovation, and class and gender relations? In what ways does critically analyzing the diverse political and cultural practices provide insight not only into black identity politics, but also into broader international contexts such as the Cold War, Third World decolonization, and the Vietnam War? These are just a few questions that will be explored throughout the course. By introducing students to a variety of texts/sources, including critical essays, oral interviews, autobiography, poetry, speeches, music, and film, we will attempt to generate new ways of thinking and understanding of postwar developments in African American politics and activism.

AFST 43701. Psychology of Race

(cross-listed with AFST 43701, PSY 43348)

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

1:15–3:45 TR 6/23–8/6

CRN 3512; ID # ILS 40601 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

AMST 30341. African American History II

(Cross-listed with AFST 30202)

3 credits, Pierce (3-0-3)

8:55–11:25 TR 6/23–8/6

CRN 3779; ID # AMST 30341 01

Last "add" date: 6/26

"Drop" dates: refund 7/2; last, 7/16

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

AMST 30362. Labor and America since 1945

(Cross-listed with HIST 30856, IIPS 30922)

3 credits, Graff (3-0-3)

8:55–11:25 TR 6/23–8/6

CRN 3304; ID # AMST 30362 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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.

AMST 30388. Slavery in the Atlantic World

(Cross-listed with AFST 30274)

3 credits, Challenger (5-0-3)

1:15–3:45 MW 6/23–8/6

CRN 3780; ID # AFST 30388 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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.

AMST 45900. Publishing Internship

3 credits, Staff (V-V-3)

CRN 2835; ID # AMST 45900

Prior permission of instructor required.

AMST 45901. Community Service Internship

3 credits, Schmuhl (V-V-3)

CRN 1013; ID # AMST 45901

Prior permission of instructor required.

AMST 45902. Historical Research Internship

3 credits, Schlereth (V-V-3)

CRN 1014; ID # AMST 45902

Prior permission of instructor required.

AMST 45903. News Internship

3 credits, Storin (V-V-3)

CRN 1015; 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

ANTH 30190. Infancy: Evolution, History and Development

3 credits, McKenna (11-0-3)
10:30–12:15 MTWRF 6/24–7/22

CRN 3083; ID # ANTH 30190 01

Last "add" date: 6/26

"Drop" dates: refund 6/30; last, 7/9

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 comparative 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 35588/65588. Archaeology Field School

3 credits, Schurr (0-28-3)
8:30–6:00 MTWR 7/6–7/24

CRN 3731; ID # ANTH 35588 01

CRN 3732; ID # ANTH 65588 01

Last "add" date: 7/7

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

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 \$200 laboratory/transportation fee.

ANTH 44810. Patterns and Contexts: Human-Monkey Interactions, Gibraltar

3 credits, Fuentes (10-25-3)
9:00–5:00 MTWRF, 5/20–6/10

CRN 3733; ID # ANTH 44810

Last "add" date: 5/21

"Drop" dates: refund, 5/24; Last, 5/31

Enrollment: 10

This field course centers on three weeks of intensive training, data collection, and analyses on topics related to the behavior, biology, and cultural contexts of the interactions between humans and macaque monkeys (*Macaca sylvanus*) in Gibraltar. Students will be trained in behavioral observation techniques and collect data on human and monkey interactions and general behavior. Students will also obtain experience by conducting supervised field physiological examinations and learning assessment techniques for evaluating macaque health. Lectures, field practicum, interactions with diverse specialists, and local experts will provide the instructional aspects of this course. Special foci of the course include macaque behavior and evolution, human behavior and epidemiology, and the cultural and ecological history of Gibraltar. All students will be required to propose and perform a brief original research project that will result in a research paper due shortly after the completion of the field portion of the course.

Applications available from Prof. Agustin Fuentes, afuentes@nd.edu.

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 6/9–7/24

CRN 2870; ID # ANTH 45818 01

CRN 2871; ID # ANTH 65818 01

Last "add" date: 6/13

"Drop" dates: refund, 6/18; last, 7/2

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.

ANTH 48500. Directed Research—Archaeology

Variable credits, Schurr (V-V-V)

CRN 2253; ID # ANTH 48500

Permission of instructor required.

ANTH 68500. Directed Research—Archaeology

Variable credits, Schurr (V-V-V)

CRN 3524; ID # ANTH 68500

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 Office of the Registrar, or from *insideND* (inside.nd.edu).

ARCH 01110. Career Discovery in Architecture at Notre Dame

0 credits, Staff (V-V-0)
8:00 a.m.–5:00 p.m. MTWRF 6/14–6/26
CRN 1825; ID # ARCH 01110 01

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. For more information, contact Marlou Hall at (574) 631-2322.

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

3 credits, Depui (3-0-3)
9:00 a.m.–6:00 p.m. MTWRF 7/25–8/14
CRN 2963; ID # ARCH 54113 01
Last “add” date: 7/26

“Drop” dates: refund, 7/29; last, 8/5
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, Staff (V-V-0)
9:00 a.m.–5:00 p.m. MTWRF 8/3–8/21
CRN 3070; ID # ARCH 61011
Last “add” date: 8/4

“Drop” dates: refund, 8/7; last, 8/13
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 Office of the Registrar, or from *insideND* (inside.nd.edu).

ART HISTORY COURSES

ARHI 30313. Art of the High Renaissance in Florence and Rome

3 credits, Coleman (3-0-3)
10:30–11:50 MTWRF 6/23–8/6
CRN 3760; ID # ARHI 30313 01
Last add dates 6/26

Drop dates: refund 7/2; last, 7/16
Leonardo, Michelangelo, Bramante, and Raphael provide the basis for a study of one of the most impressive periods of artistic activity in Italy—the High Renaissance in Florence and Rome. It was Leonardo da Vinci's revolutionary example that imposed extraordinary artistic and intellectual changes on an entire generation of painters, sculptors, and architects. Ludovico Sforza, Duke of Milan, the new Republic of Florence, and the imperial papacy of Julius II recognized that the genius of Leonardo, Bramante, Michelangelo, Raphael, and others, could be brought into the service of the State. Under Julius, the papal states became the supreme state in Italy, and for the first time in centuries, the papacy ranked as a great European power. With the ceiling of the Sistine Chapel, St. Peter's (redesigned on a colossal scale by Bramante), the Vatican Palace (its city facade and Belvedere by Bramante, and papal apartments decorated by Raphael), and the Papal tomb (designed by Michelangelo), Rome, for the first time since the time of the Caesars, became the center of Western art.

ARHI 66572. Directed Readings in Art History

Variable credits, Pyne (V-V-V)
CRN 2399; ID # ARHI 66572
Independent study in art history.
Permission of chair required.

ARHI 68573. Thesis Direction

Variable credits, Pyne (V-V-V)
CRN 1824; ID # ARHI 68573

ARHI 68574. Nonresident Thesis Research

1 credit, Pyne (0-0-1)
CRN 1823; ID # ARHI 68574

ART DESIGN COURSES

DESN 41106. Web Page Design

3 credits, Sherman (5-0-3)
8:55–11:25 MW 6/23–8/6
CRN 3116; ID # DESN 41106 01
Last “add” date: 6/26
“Drop” dates: refund, 7/2; last, 7/16
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, Down (V-V-V)
CRN 3117; ID # DESN 47371

STUDIO COURSES

ARST 11201. Drawing I

3 credits, Brown (0-3-3)
1:15–3:45 MTWR 6/23–8/6
CRN 3476; ID # ARST 11201 01
Last “add” date: 6/26
“Drop” dates: refund 7/2; last, 7/16
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)
6:30–9:00 p.m. MTWR 6/23–8/6
CRN 3477; ID # ARST 21101 01
Last “add” date: 6/26
“Drop” dates: refund 7/2; last, 7/16
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)
8:55–11:25 MTWR 6/23–8/6
CRN 3286; ID # ARST 21401 01
Last “add” date: 6/26
“Drop” dates: refund, 7/2; last, 7/16
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)
8:55–11:25 MTWR 6/23–8/6
CRN 3287; ID # ARST 21604 01
Last “add” date: 6/26
“Drop” dates: refund, 7/2; last, 7/16
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 78706. Nonresident Thesis Research

1 credit, Lopez (0-0-1)
CRN 1315; ID # ARST 78706

ARST 78707. Research and Dissertation

Variable credits, Lopez (V-V-V)
CRN 2403; ID # ARST 78707
This course does not count toward a degree, but is used to maintain matriculation after coursework has been completed and until the thesis project has been completed.

ARST 78708. Directed Readings

Variable credits, Lopez (V-V-V)
CRN 2402; 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 48999. Visiting Scholar Studies

0 credits, Akai (0-V-0)
CRN 3246; ID # AL 48999
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.

BIOLOGICAL SCIENCES

Chair:

Gary A. Lamberti, 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

BIOS 10107. Ecology and Environmental Issues

3 credits, Olsen (5-0-3)
10:30–11:50 MTWR 6/23–8/6
CRN 3784; ID # BIOS 10107 01
Last “add” date: 6/26
“Drop” dates: refund, 7/2; last, 7/16
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)
5/22–7/28
CRN 3125; ID # BIOS 35502 01
Last “add” date: 5/28
“Drop” dates: refund, 6/5; last, 6/25
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 mod-

ules 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)
6/12–8/14

CRN 3126; ID # BIOS 35503 01

Last "add" date: 6/17

"Drop" dates: refund, 6/25; last, 7/14

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: TBA

CRN 3256; 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 6/16–7/2

CRN 3520; ID # BIOS 38499 01

Last "add" date: 6/17

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

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 7/13–7/30

CRN 3509; ID # BIOS 38499 02

Last "add" date: 7/14

"Drop" dates: refund, 7/17; last, 7/22

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 2290; 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 1105; ID # BIOS 48499

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

BIOS 60522. GLOBES: Economics of the Environment

3 credits; Jensen (V-V-3)

CRN 3290; 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 7/25–8/6

CRN 1151; ID # BIOS 60523 01

Last "add" date: 7/25

"Drop" dates: refund, 7/26; last, 7/29

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, Boyd (V-V-V)

CRN 1822; ID # BIOS 68599

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, Boyd (0-0-1)

CRN 1821; 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 varies with instructor. ID # BIOS 98700

Course Director: Prof. Sunny Boyd

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 6/23–8/6

CRN 1817; ID # ACCT 20100 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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 6/23–8/6

CRN 1152; ID # ACCT 20200 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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 30490. Persuasion

1.5 credits, Collins

MW 1:15–3:45, 6/23–7/14

CRN 3812; ID # BACM 30490 01

Last "add" date: 6/24

"Drop" dates: refund, 6/27; last, 7/4

This course seeks to explain factors that affect our ability to change the beliefs, attitudes, and behaviors of others. It also explores theories of social influence and their application in the modern business environment and describes the ideal of ethical persuasion and its advantage for organizations.

BACM 30500. Conflict Management

1.5 credits, Collins

MW 1:15–3:45, 7/16–8/6

CRN 3813; ID # BACM 30500 01

Last "add" date: 7/17

"Drop" dates: refund, 7/20; last, 7/27

Conflict is a central feature of human behavior on interpersonal, organization, societal, and international levels. In this course, we explore the psychology of disputes, the nature and sources of conflict, and the ways in which conflict and human emotion can disrupt or make business organizations dysfunctional. As we examine the nature of conflict, we'll explore behavioral responses and theoretical approaches to it, and offer a wide range of alternatives to working through conflict. This course is highly practical and will offer students an opportunity to apply current research findings as they interactively participate in conflict resolutions.

BALW 20150. Business Law: Contracts and Agency

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

11:45–1:05 MTWR 6/23–8/6

CRN 2979; ID # BALW 20150 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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.

BAMG 20100. Statistics in Business

3 credits, Chang (5-0-3)

1:15–3:45 MW 6/23–8/6

CRN 2968; ID # BAMG 20100 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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.

22 CHEMICAL AND BIOMOLECULAR ENGINEERING

FIN 20150. Corporate Financial Management

3 credits, Lanser (5-0-3)

10:30–1:00 TR 6/23–8/6

CRN 1153; ID # FIN 20150 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

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, Leadly (5-0-3)

1:15–3:45 TR 6/23–8/6

CRN 1187; ID # FIN 30210 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

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 6/23–8/6

CRN 1829; ID # FIN 30220 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

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, Bottita (5-0-3)

8:55–10:10 MTWRF 6/23–7/30

CRN 1430; ID # MARK 20100 01

Last “add” date: 6/26

“Drop” dates: refund, 7/1; last, 7/12

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 6/23–8/6

CRN 3084; ID # MGT 20200 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

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, Wood, B. (5-0-3)

8:55–11:25 MWF 6/23–7/24

CRN 2291; ID # MGT 20600 01

Last “add” date: 6/25

“Drop” dates: refund, 6/29; last, 7/9

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 Office of the Registrar, 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 1008; 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 1006; ID # CBE 66697

CBE 67690. Internship Experience

Variable credits, McCready (V-V-V)

CRN 1146; 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.

Associate Chair:

Kenneth W. Henderson, 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

CHEM 10172. Organic Structure and Reactivity

4 credits, Alonso (10-0-4)

10:20–12:15 MTWRF 5/26–6/26

Also taught: 8:30–10:00 F 5/26–6/26

CRN 3464; ID # CHEM 10172 01

Last "add" date: 5/28

"Drop" dates: refund, 6/1; last, 6/11

Prerequisite: One year of general (freshman) chemistry or CHEM 10171 or CHEM 10121.

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, Goodenough-Lashua (0-6-0)

1:30–5:00 MW 5/26–6/26

CRN 3465; ID # CHEM 11172-01

Last "add" date: 5/28

"Drop" dates: refund, 6/1; last, 6/11

Corequisite: CHEM 10172

Experimental work to accompany CHEM 10172. In addition to tuition, this course requires payment of a \$75 laboratory fee.

CHEM 20273. Organic Reactions and Applications

3 credits, Alonso (10-0-3)

10:20–12:15 MTWRF 6/29–7/31

Also taught 8:30–10:00 F 6/29–7/31

CRN 3466; ID # CHEM 20273-01

Last "add" date: 7/1

"Drop" dates: refund: 7/6; last: 7/16

Prerequisites: CHEM 10118 or CHEM 10171 or CHEM 10172 or CHEM 10181 or CHEM 10182 or CHEM 20223.

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, Peterson (0-6-1)

1:30–5:00 MW 6/29–7/31

CRN 3467; ID # CHEM 21273-01

Last "add" date: 7/1

"Drop" dates: refund 7/6; last: 7/16

Experiments to accompany CHEM 20273

In addition to tuition, this course requires payment of a \$75 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

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 1760; ID # CE 68600

CE 68610. Nonresident Thesis Research

1 credit, Burns (0-0-1)

CRN 1759; ID # CE 68610

CE 78600. Research and Dissertation

Variable credits, Burns (V-V-V)

CRN 1758; ID # CE 78600

CE 78610. Nonresident Dissertation Research

1 credit, Burns (0-0-1)
CRN 1757; ID # CE 78610

CE 87200. Visiting Teachers

Variable credits, Staff (V-V-V)
CRN 3128; ID # CE 87200

GEOLOGICAL SCIENCES COURSES

ENVG 48600. Undergraduate Research

Variable credits, Fein (V-V-V)
CRN 1148; 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, Horsting (20-0-3)
 8:30–10:30 and 2:30–4:30 MTWRF 6/23–8/6
CRN 2884; ID # CLGR 10111 01
CRN 2885; ID # CLGR 60111 01
 Last "add" date: 6/26
 "Drop" dates: refund, 7/2; last 7/16
 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, Horsting (20-0-0)
 8:30–11:30 and 2:30–4:30 MTWRF 6/23–8/6
CRN 2886; ID # CLGR 60112 01
 Last "add" date: 6/26
 "Drop" dates: refund, 7/2; last 7/16
 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)
 1:00–4:00 MTWR 6/23–8/6
CRN 2889; ID # CLGR 20103 01
CRN 2950; ID # CLGR 60103 01
 Last "add" date: 6/26
 "Drop" dates: refund, 7/2; last 7/16
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 Plato and Herodotus. It also includes readings in New Testament Greek and early Christian texts. It develops students' translating skills, introduces methods for studying Greek literature in its historical and cultural contexts, and prepares students for advanced work in Greek language and literature.

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

CLGR 60104. Intermediate Greek

0 credits, Rowe (12-0-0)
 1:00–4:00 MTWR 6/23–8/6
CRN 2951; ID # CLGR 60104 01
 Last "add" date: 6/26
 "Drop" dates: refund, 7/2; last 7/16
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 Plato and Herodotus. It also includes readings in New Testament Greek and early Christian texts. It develops students' translating skills, introduces methods for studying Greek literature in its historical and cultural contexts, and prepares students for advanced work in Greek language and literature.

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, Horsting (V-V-V)
CRN 1196; 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)
 10:00–11:30 and 12:30–2:00 MTWRF 6/23–8/6
CRN 3445; ID # CLLA 10111 01
CRN 3446; ID # CLLA 60111 01
 Last "add" date: 6/26
 "Drop" dates: refund 7/2; last, 7/16
 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)
 10:00–11:30 and 12:30–2:30 MTWRF 6/23–8/6
CRN 3579; ID # CLLA 60112 01
 Last "add" date: 6/26
 "Drop" dates: refund, 7/2; last 7/16
 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 6/23–8/6

CRN 3447; ID # CLLA 20103 01

CRN 3448; ID # CLLA 60103 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 6/23–8/6

CRN 3449; ID # CLLA 60104 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 6/23–8/6

CRN 2852; ID # CLLA 40116 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 lexis, 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 6/23–8/6

CRN 2847; ID # CLLA 40118 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 6/23–7/14

CRN 2861; ID # CLSS 10111 01

CRN 2863; ID # CLSS 60111 01

Last "add" date: 6/24

"Drop" dates: refund, 6/27; last, 7/4

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 6/23–7/14

CRN 2862; ID # CLSS 60112 01

Last "add" date: 6/24

"Drop" dates: refund, 6/27; last, 7/4

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 7/15–8/5

CRN 2864; ID # CLSS 10115 01

CRN 2866; ID # CLSS 60115 01

Last "add" date: 7/16

"Drop" dates: refund, 7/19; last, 7/26

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 7/15 –8/5

CRN 2865; ID # CLSS 60116 01

Last “add” date: 7/16

“Drop” dates: refund, 7/19; last, 7/26

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 6/23–8/6

CRN 3774; ID # MEAR 10101 01**CRN 3775**; ID # MEAR 60801 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

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 6/23–8/6

CRN 3776; ID # MEAR 60901 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

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 Office of the Registrar, or from *insideND* (inside.nd.edu).

CAPP 30340. Introduction to Artificial Intelligence

3 credits, Sepeta (3-0-3)

1:30–2:35 MTWRF 6/23–8/6

CRN 3723; ID # CAPP 30340 01

Last add dates 6/26

Drop dates: refund 7/2; last, 7/16

Artificial intelligence is the subject of trying to create human intelligence in machines (computers). In this endeavor we come to better understand the nature of intelligence and the moral and ethical ramifications of mechanizing intelligence, and simultaneously, we discover clever and ingenious uses of the computer that enrich all of computer science. Topics covered include the history of AI, programming languages for AI, state space search, games, knowledge representation and reasoning, planning, neural networks, and program evolution.

CAPP 45565. Internship

3 credits, Berzai (V-V-3)

CRN 2413; 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 coursework 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

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 6/23–8/6
CRN 2895; ID # CSE 20232 01
CRN 3289; ID # CSE 67732 01
Last “add” date: 6/26
“Drop” dates: refund, 7/2; last, 7/16
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 6/23–8/6
CRN 3783; ID # CSE 30331 01
Last “add” date: 6/26
“Drop” dates: refund, 7/2; last, 7/16
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 Office of the Registrar, or from *insideND* (inside.nd.edu).

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

ECOE 60000. Graduate Mathematics Review

0 credit, Gresik, Rath (25-0-0)
9:30–noon and 2:00–4:30 MTWRF 8/17–8/21
CRN 3606; ID # ECOE 60000 01
Last “add” date: 8/17
“Drop” dates: refund, 8/18; last, 8/19
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.

ECOE 73901. Nonresident Dissertation Research

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

ECOE 76911. Directed Readings

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

ECOE 77911. Special Topics

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

ECOE 77951. Thesis Direction

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

ECOE 77951. Research and Dissertation

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

ECONOMICS AND POLICY STUDIES

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 Office of the Registrar, or from *insideND* (inside.nd.edu).

ECON 10010/20010. Principles of Micro Economics

3 credits, Staff (5-0-3)

10:30 a.m.–12:25 p.m. MWF 6/23–8/6

CRN 2960; ID # ECON 10010 01**CRN 2959**; ID # ECON 20010 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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

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 Office of the Registrar, or from *insideND* (inside.nd.edu).

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 1021; 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 1998; ID # EE 88700

ENGINEERING NONDEPARTMENTAL

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 48999. Research Experience for Undergraduates

0 credits, Staff (V-V-V)

CRN 3247; ID # EG 48999

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:

John Sitter, Ph.D.

Dept. Tel.: (574) 631-7226

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

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

Course Descriptions. The following course descriptions give the number and title of each course. Lecture hours per week, laboratory and/or tutorial hours per week, and semester credit hours are in parentheses. The University reserves the right to withdraw any course without sufficient registration. CRNs for independent study courses may be obtained from the department office, from the Office of the Registrar, or from *insideND* (inside.nd.edu).

ENGL 20001. Introduction to Fiction Writing

3 credits, Penkethman (3-0-3)

2:45–4:05 MTWR 6/23–8/6

CRN 3777; ENGL 20001 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

Students in this course will practice making up stories using material from life and from the imagination, creating rich characters, and developing strong storytelling voices. Besides writing several short stories throughout the course, students will have the chance to explore the many possibilities of form that fiction presents, including journal writing, epistolary fiction, short-short stories, and character sketches. We will take inspiration from reading such masters as Anton Chekhov, Ernest Hemingway, David Foster Wallace, George Saunders, Lorrie Moore, Vladimir Nabokov, A.M. Homes, and others. Class participation will include discussion of readings, as well as offering detailed peer feedback.

ENGL 20002. Introduction to Creative Writing: Poetry

3 credits, Mody (3-0-3)

10:30–12:25 MWF 6/23–8/6

CRN 3806; ID # ENGL 20002 01

Last add dates 6/26

Drop dates: refund 7/2; last 7/16

This course is for students who have no familiarity with contemporary, innovative writing and for those who want to learn more. While our focus will be on poetry, we will also write, read, and discuss prose and “hybrid” forms. Our objective is to discover the adventure that writing is.

Assignments will include writing exercises, assigned readings, and feedback to group members.

ENGL 20215. Introduction to Shakespeare

3 credits, Martin (5-0-3)

1:15–3:45 MW 6/24–8/4

CRN 2980; ID # ENGL 20215 01

Last “add” date: 6/27

“Drop” dates: refund, 7/2; last 7/15

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 20545. Modern British and Irish Fiction

3 credits, Burgess-Smyth (3-0-3)

1:15–3:45 TR 6/23–8/6

CRN 3727; ENGL 20545 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16

This course will introduce students to the contemporary fiction of Ireland, England, Scotland, and Wales, as well as some of the best recent black British fiction. Some of the authors whose

work we will read are Pat McCabe, Neil Jordan, John Banville, Zadie Smith, Monica Ali, Andrea Levi, Irvine Welsh, James Kelman, and Pat Barker. These writers will be read in the context of “the Break-up of Britain” and a concomitant sense of the changes in British and Irish identity in the past 20 years or so. Expect a lot of reading, but also some superb novels. Two 12-page papers and a presentation.

ENGL 47999. Special Studies

Variable credits, Hall (V-V-V)

CRN 1002. ID # ENGL 47999

All students register under Prof. Hall, 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 MTWR 6/24–8/6

CRN 1175; ID # ENGL 90110 01

Last “add” date: 6/27

“Drop” dates: refund, 7/3; last 7/16

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 94513. Irish Seminar: Apocalypse and Utopia

(Cross-listed with IRST 64099)

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

1:00–6:00 TWRF 6/15–7/3

CRN 2949 ID # ENGL 94513 01

Last “add” date: 6/16

“Drop” dates: refund, 6/19; last, 6/25

Held in Dublin each summer, the Keough-Naughton Institute for Irish Studies hosts the Irish Seminar, a prestigious monthlong seminar in which graduate students from Notre Dame and other universities engage with key figures in Irish cultural, intellectual, and political debates. Participants also enjoy easy access to major libraries and archives in Dublin, including the National Library of Ireland, the Royal Irish Academy, and Trinity College.

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, Lander (V-V-V)

CRN 3308; ID # ENGL 96001

All students register under Prof. Lander, 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, Lander (0-0-1)

CRN 1849; ID # ENGL 98000

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

30 FILM, TELEVISION, AND THEATRE

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, Lander (0-0-V)

CRN 1138; ID # ENGL 98600

All students register under Prof. Lander, 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

Chair:

Don Crafton, Ph.D.

Dept. Tel. (574) 631-7054

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

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.

FTT 20700. Introduction to Theatre-Summer Session

3 credits, Donnelly (3-0-3)

1:15–2:35 MTWR 6/23–8/6

CRN 3800; ID # FTT 20700 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

An introductory study of theatre viewed from three perspectives: historical, literary, and contemporary production practices. Students will gain a basic understanding of live theatre performances with the goal of becoming more objective about their own theatre experiences.

FTT 20707. Latin American Theatre

3 credits, Prizant (3-0-3)

1:15–3:45 TR 6/23–8/6

CRN 3801; ID # FTT 20707 01

Cross-listed with ILS 30016 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

This course will serve as a basic introduction to plays from Latin America. Models from South America, Central America, North America, and the Caribbean will be included in order to give students a general overview of significant contemporary plays (in English) from a sampling of countries in the Spanish-speaking world.

Students will read plays and articles, see and analyze footage of performances (when available), give creative and/or historical presentations, participate in discussions about the theatrical methods and materials, and further research areas that particularly interest them. Making connections between ideas and life experiences, while deepening appreciation for the arts and literature in Latin America are crucial goals of this class.

FTT 30405/50505. Introduction to Film and Television Production

3 credits, Mandell (5-V-3)

1:15–3:45 TR 6/23–8/6

CRN 2956; ID # FTT 30405 01

CRN 2957; ID # FTT 50505 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16

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 30409. The Art and Science of Filmmaking

3 credits, Donaruma (3-0-3)

1:15–3:45 MW 6/23–8/6

CRN 3802; ID # FTT 30409 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

This course is a behind-the-scenes look at the artists and craft people who work together to create both theatrical films and television programs. We will explore the many roles people play, as well as the techniques and equipment used to make movies, specifically the director, producer, and cinematographer’s relationship on a production. This study will combine history, technology, and the politics of both big budget shows and independent cinema. We will also follow a case study about the making of *Heaven’s Gate*. This is a course about film production without the hands-on experience, which will provide a basis for those thinking about doing production as well as expand the expertise for those who have taken production courses. There will be screenings, a midterm, and a final paper (10 pages) regarding a chosen researched topic about filmmaking.

FTT 40491/50591. Entertainment and Arts Law

3 credits, Wilson (5-0-3)

6:30–9:00 p.m. MW 6/23–8/6

CRN 3375; ID # FTT 40491 01

CRN 3376; ID # FTT 50591 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16

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 1141; 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/ or in 230 Performing Arts Center.

FTT 50000. How to Teach Film Across the Humanities

Variable credits, Collins (V-V-V)

9:00–5:00 MTWRF 5/25–5/29

CRN 3534; ID # FTT 50000 01

Last “add” date: 5/25

“Drop” dates: refund, 5/26, last 5/28

This course is intended for Notre Dame graduate students who would like to incorporate films into their courses but have hesitated to do so because they have had little or no formal training in film studies. The course is a week-long, intensive course that will solve that problem by exposing seminar participants to the different pedagogical strategies they might use to incorporate films in their courses.

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

A variety of approaches will be introduced through lecture, scene analysis, and short, selected readings. Class will include a screening each day, and then we will discuss pragmatic utilization of those methods, focusing on specific applications in courses now being taught or in the process of being developed.

Screenings and discussions will be held in the Browning Cinema in the Performing Arts Center.

HISTORY

Chair:

Thomas Noble, Ph.D.

Dept. Tel. (574) 631-7266

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

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 Office of the Registrar, or from *insideND* (inside.nd.edu).

HIST 30230. The Vikings: The Viking Age and the World of the Norse

3 Credits, Luckhardt (3-0-3)

10:30 am–12:25 p.m. MWF 6/23–8/6

CRN 3809; ID # HIST 30230 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

Vikings are usually painted in modern popular culture as either fierce warriors or bloodthirsty pagan barbarians who descended upon peaceful monks or settlements without cause. The negative view is largely based on the sources written by the early medieval victims of Viking raids, while later medieval Scandinavian saga literature tended to characterize their warrior ancestors as noble savages. Ever since, historians have examined the Vikings as embodying one of these two extremes. However, Viking raids were merely one part of a complex adaptation by the Norse people to the marginal lands of Scandinavia. Raids certainly occurred, but so too did explorations, foreign settlement, trade, and extended subsistence activities at the home in Scandinavia. The Norse were also savvy merchants, gifted craftsmen, hardworking farmers, and cunning political players who built kingdoms in Europe, established relations with the Muslim world, and even made it to the shores of North America. In this course students will explore the culture, history, arts and world-views of the Old Norse, including their mythology, the saga literature, and their conversion to Christianity. They will also investigate how the Vikings have been understood and represented through the centuries between their

days and ours, and will ask questions about how our knowledge of the Vikings is produced.

HIST 30586. Youth in Europe Since 1945

3 credits, Nowinski (3-0-3)

1:15–3:45 TR 6/23 – 8/6

CRN 3810; ID # HIST 30586 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

Amidst the social and material devastation of Europe in 1945, youth became a symbol of both the continent’s deterioration and its aspirations. This course will examine how the concept of “youth” was continually redefined in response to rapid social and cultural changes. Students will also study how young men and women became an important cultural, political, and economic force—transforming a culture for youth to a culture by youth. Topics will include the Cold War, Americanization and youth consumer culture, the sexual revolution, the protests of 1968, the origins of the environmental movement, punk music in the context of the economic crises of the 1970s, and extremist politics and terrorism in the 1970s and 1980s. In addition to secondary readings, students will analyze primary source texts, films, and music clips. This course satisfies the university history requirement and is open to all students; no previous knowledge of the topic is necessary.

HIST 30859. Reagan’s America: The United States in the 1980s

3 Credits, Strauss (3-0-3)

6:30–9:00 p.m. TR 6/23–8/6

CRN 3811; ID # HIST 30859 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

In his campaign for re-election to the presidency in 1984, Ronald Reagan released a television commercial that began with the line, “It’s morning in America again.” The ad suggested the many ways in which President Reagan and the Republican Party were improving the economy and bringing optimism back to America. “Under the leadership of President Reagan,” the commercial concluded, “our country is prouder and stronger and better.” Reagan’s campaigns for the nation’s highest office stressed the themes of patriotism and individual responsibility, while his presidential administrations oversaw an economic agenda that privileged corporate America and wealth production and a foreign policy that justified extreme measures by citing the dangers posed by the Soviet Union and communism. The United States in the 1980s was dominated by the presidency and personality of Ronald Reagan. His aggressive economic and foreign policies influenced the major events of the decade, while his politics helped to shape the

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wider culture, a period often characterized as “the me decade” (and one Madonna called “a material world” in a hit song).

In this course, students will explore the 1980s and assess the conventional wisdom about Reagan and the decade he dominated. Were Americans too blinded by greed to confront the nation’s social problems, or was there a serious debate going on about individual conscience and social responsibility? Students will debate these and other questions as they explore several of the major themes of 1980s America: the Cold War, the Christian Right, progressivism, conservatism, popular culture, and the media. In addition to probing political speeches, congressional testimony, the Reagan diaries, pop music, and sitcoms, students will also examine some of the new books by historians, who are just now beginning to come to grips with this pivotal recent time in American history. This course satisfies the university history requirement and is open to all students; no previous knowledge of the topic is necessary.

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, Hamlin (V-V-V)
CRN 1352; ID # HIST 98699

HIST 98700. Nonresident Dissertation Research

Variable credit, Hamlin (0-0-1)
CRN 1351; 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

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.

HPS 63722. Evolution, Heredity, and the History of Biology

3 credits, Pence (3-0-3)
MTWRF 8:00–5:00 6/22–6/26
CRN 3816; ID # HPS 63722 01
Last “add” date: 6/22

“Drop” dates: refund, 6/23; last, 6/25
This course will chart the history of biology from Darwin’s proposal of evolution by natural selection to Watson and Crick’s discovery of the structure of DNA. We will examine the debates over the nature of heredity during this period as a set of “natural responses” to the theory of evolution—many of which remain in our biology textbooks. The development of these ideas will bring us into contact with methodological concerns in science, the role of experiment and theory in scientific discovery, and the process by which new scientific theories are developed, tested, and rejected. We will conclude with a brief overview of current issues regarding science and religion, creationism and intelligent design, and the prospect of teaching evolution to students in today’s cultural environment. The course will focus on the relevance of such issues for the high school curriculum, and the development of historical and philosophical tools that are useful not only to provide context for modern scientific theories, but also in understanding the historical antecedents of many of the most common misunderstandings of evolutionary theory. Students can hope to finish the course with functional lesson plans for integrating these themes into the classroom.

HPS 78599. Thesis Direction

Variable credits, Howard (V-V-V)
CRN 1350; ID # HPS 78599

HPS 78600. Nonresident Thesis Research

1 credit, Howard (0-0-1)
CRN 1349; 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 1705; ID # HPS 98699

HPS 98700. Nonresident Dissertation Research

1 credit, Howard (0-0-1)
CRN 1704; ID # HPS 98700

PROGRAM OF LIBERAL STUDIES

Chair:

Henry Weinfield, 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 Office of the Registrar, or from the Registrar.

PLS 46000. Directed Readings

Variable credits, Staff (V-V-V)
CRN varies with instructor
ID # PLS 46000

MATHEMATICS

Chair:

Bei Hu, Ph.D.

Associate Chair:

Juan Migliore, 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

MATH 10120. Finite Mathematics

3 credits, Staff (6-0-3)
1:25–2:40 MTWRF 6/23–8/6
CRN 1348; ID # MATH 10120 01
Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

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 6/23–8/6

CRN 3305; ID # MATH 10240 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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 6/23–8/6

CRN 1347; ID # MATH 10250 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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 6/23–8/6

CRN 1380; ID # MATH 10260 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 6/23–8/6

CRN 3257; ID # MATH 10360 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 6/23–8/6

CRN 1390; ID # MATH 10560 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 6/23–7/17

CRN 3725; ID # MATH 20210 01

Last "add" date: 6/25

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

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 6/23–8/6

CRN 1529; ID # MATH 30530 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 6/23–7/17

CRN 3726; ID # MATH 50510 01

Last "add" date: 6/25

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

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

Acting Director:

Olivia Remie Constable, Ph.D.

Dept. Tel.: (574) 631-6603

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

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 Office of the Registrar, or from *insideND* (inside.nd.edu).

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 6/23–8/6

CRN 2850; ID # MI 40004 01

CRN 2851; ID # MI 60004 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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.

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 6/23–8/6

CRN 2846; ID # MI 60005 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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.

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 2892; ID # MI 77001

MI 77002. Dissertation Proposal Prep

Variable credits, Noble (V-V-V)

ID # MI 77002

MI 88001. Research and Dissertation

Variable credits, Staff (V-V-V)

ID # MI 88001

MI 88002. Nonresident Dissertation Research

1 credit, Staff (0-0-1)

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 Office of the Registrar, or from *insideND* (inside.nd.edu).

MUS 10131. Introduction to Jazz

(Cross-listed with AFST 10401)

3 credits, Dwyer (5-0-3)

8:55–10:15 MTWR 6/23–8/6

CRN 1048; ID # MUS 10131 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

A music appreciation course requiring no musical background and no prerequisites. General coverage of the significant musicians, styles, and structures of jazz music.

MUS 11300/61300. Piano

Variable credits, Staff (V-V-V)

CRN 2853; ID # MUS 11300

CRN 2854; 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 2855; ID # MUS 11301

CRN 2856; 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 1049; 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 2859; ID # MUS 11312

CRN 2860; 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 2725; ID # MUS 11313

CRN 3130; 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 2644; 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 1176; ID # MUS 11321

CRN 1177; 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 2666; 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 2857; ID # MUS 11340

CRN 2858; 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 20651. Ensemble Management

3 credits, Dye (5-0-3)

8:00 a.m.–9:05 a.m. MTWRF 6/23–8/6

CRN 3773; ID # MUS 20651 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

Students will learn pedagogical techniques to help them manage a large ensemble rehearsal.

Students will receive one-on-one instruction from faculty, as well as have extensive hands-on opportunities to practice these techniques.

Students will serve as directors within the Bandlink program and share responsibility for classroom management, literature selection, instruction, logistics, and budget.

MUS 31310/61310. Violin

Variable credits, Staff (V-V-V)

CRN 2848; ID # MUS 31310

CRN 2849; 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 1341; 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:

Stephen Dumont, 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

PHIL 20101. Introduction to Philosophy

3 credits, Neiman (5-0-3)

2:45–4:05 MTWR 6/23–8/6

CRN 1336; ID # PHIL 20101 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

Enrollment limit: 30

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

PHIL 20202. Existentialist Themes

3 credits, Rush (5-0-3)

8:55–11:25 TR 6/23–8/6

CRN 3754; ID # PHIL 20202 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

Enrollment limit: 30

This course will provide an introduction to existentialism by focusing on the writings of Dostoevski, Søren Kierkegaard, Friedrich Nietzsche, and Jean-Paul Sartre. Topics covered will include: the nature of human freedom and creativity, the relation of religion and morality, and the meaning of existence. Classes will focus on a close analysis of the text, with lectures to fill in the appropriate philosophical background. There will also be in-class screenings of 3–4 parts of Kieslowski, Dekalog series.

PHIL 20203. Death and Dying

3 credits, Neiman (5-0-3)

1:15–2:35 MTWR 6/23–8/6

CRN 3366; ID # PHIL 20203 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

Enrollment limit: 30

This course will be divided into two parts. First of all, we will discuss moral problems relating to death and dying, such as the death penalty, physician assisted suicide, abortion, cloning, and stem cell research, as well as world hunger. Secondly, we will be treating death in a more existentialist vein, asking and discussing the following sort of questions: What is the value of human life if it must end in death? How should human beings act knowing that they will not live forever? The course will be divided roughly into 2/3 lecture and 1/3 discussion. Texts will include Louis Pojman, ed. *Life and Death: A Reader In Moral Problems*, Aldous Huxley, *Brave New World*, and various handouts.

PHIL 20801. Philosophy of Religion

3 credits, Cross (5-0-3)

1:15–3:45 TR 6/23–8/6

CRN 3755; ID # PHIL 20801 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

Enrollment limit: 30

This course introduces some of the key themes in the philosophy of religion (the nature and existence of God, the rationality of theistic faith, the nature of religious language, miracles, immortality, and religious pluralism) by means of a close study of classic texts in the discipline.

PHIL 20804. God and Persons

3 credits, O’Callaghan (5-0-3)

10:30–12:25 MWF 6/23–8/6

CRN 3753; ID # 20804 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last, 7/16

Enrollment limit: 30

Members of Western culture living in the present age are, whether they like it or not, inheritors of a long history of reflection upon the stellar achievements of human reason and the demands of revealed religion. The purpose of this course is to engage that history philosophically. A number of traditions of reflection will be considered: contemporary, modern, ancient, and medieval.

PHIL 46497. Directed Readings

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # PHIL 46497

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 Office of the Registrar, or from *insideND* (inside.nd.edu).

PHYS 08699. Directed Research in Particle Physics

Variable credits, Staff (V-V-V)

CRN 2279; 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 1016; 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 6/1–7/3

CRN 1333; ID # PHYS 30210 01

Last “add” date: 6/3

“Drop” dates: refund, 6/8; last, 6/18

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 7/6–8/6 **CRN 1332**; ID # PHYS 30220 01

Last "add" date: 7/8

"Drop" dates: refund, 7/13; last, 7/23

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 6/1–7/3

CRN 2990; ID # 31210 01

PHYS 31220. Physics II Lab

0 credits Arnold (0-2-0)

1:30–3:30 TR 7/6–8/7

CRN 2989; 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 2958; 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 2285; 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 2281; 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 2282; 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 2283; 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 2280; 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 1017; 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 2284; 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. Review of Fundamental Physics I

1 credit, Staff (15-0-1)

9:00–11:00 MTWRF 6/1–6/26

CRN 3259; ID # PHYS 77031 01

Last "add" date: 6/3

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

Topics of current interest in physics.

PHYS 77032. Review of Fundamental Physics II

1 credit, Staff (15-0-1)

9:00–11:00 MTWRF 7/6–7/31

CRN 3260; ID # PHYS 77032 01

Last "add" date: 7/8

"Drop" dates: refund 7/11; last, 7/19

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:

Michael Zuckert, 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

POLS 20100. American Politics

3 credits, Radcliff (3-0-3)

12:45–2:45 MTW 6/23–8/6

CRN 3792; ID # POLS 20100 01

Last add 6/26

Drop dates: refund, 7/2; last, 7/16

This course examines the institutional and constitutional framework of American politics and identifies the key ideas needed to understand politics today. Although the course will prepare prospective political science majors for further study of American politics, its primary aim is to introduce students of all backgrounds and interests to the information, ideas, and academic skills that will enable them to better understand American politics and help them become more thoughtful and responsible citizens.

POLS 30062. Civil Liberties and Civil Rights

3 credits, Kaplan (6-0-3)

2:45–4:05 MTWR 6/23–8/6

CRN 3528; ID # POLS 30062 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 46902. Directed Readings

Variable credits, Staff (V-V-V)

CRN varies with instructor

ID # POLS 46902

Obtain CRN 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

PSY 20001. Introductory Psychology, PSI

3 credits, Crowell (3-0-3)
10:30–11:35 MTWRF 6/23–8/6

CRN 3762; ID # PSY 20001 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16

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, Braungart-Rieker (0-0-V)

CRN 3243; 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 30100. Experimental Psychology I: Statistics

4 credits, Venter (4-0-4)
11:00–12:30 MTWRF 7/13–8/7
1:30–2:40 MTWRF 7/13–8/7

CRN 3763 ID # PSY 30100 01

Last add dates 7/15

Drop dates: refund 7/18; last, 7/26

An introduction to the analysis and evaluation of experimental data, with particular emphasis on measures of central tendency, variability, and covariability and their relationship to psychological theory and explanation.

PSY 30600. Social Psychology

3 credits, Venter (3-0-3)
8:30–10:15 MTWRF 7/13–8/7

CRN 3764; ID # PSY 30600 01

Last add dates 7/15

Drop dates: refund 7/18; last, 7/26

An introduction to the major theoretical orientations within the field of experimental social psychology and a survey of the research findings in selected areas such as attitude formation and change, affiliation, interpersonal attraction, and social cognition.

PSY 37900. 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 a faculty member. Consent of instructor required. CRN varies with instructor.

PSY 43348. Psychology of Race

(Cross-listed with AFST 43701, ILS 40601)

3 credits, Pope-Davis (5-0-3)
1:15–3:45 TR 6/23–8/6

CRN 3199; ID # PSY 43348 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16

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 a faculty member.

PSY 60159. Advanced Issues in Statistics and Research Design

Variable credits, Yuan (V-V-V)

CRN 2252; 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 60333. Empirically Supported Treatments

3 credits, Dunfee (3-0-3)

6/23–8/6

CRN 3765; ID # PSY 60333 01

Last add dates 6/26

Drop dates: refund 7/2; last, 7/16

This is a graduate-level survey of empirical research on the treatment of psychological disorders. Among the topics covered are (a) the history and principles of the empirically supported research tradition, (b) psychotherapy research designs, assessments, and methods, (c) specific treatment techniques for various psychological disorders, and (d) individual outcome research studies and literature reviews.

PSY 61392. Practicum Summer

Variable credits, Smith (V-V-V)

CRN 3235; 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 2638; ID # PSY 61394

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

ROMANCE LANGUAGES AND LITERATURES

Chair:

Theodore J. Cachey Jr., Ph.D.

Dept. Tel.: (574) 631-6886

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

In addition, the department offers Spanish 10101, 10102, 20201, and Intensive Beginning Italian. Students who have completed Spanish 10102 or who have placed into 20201 can complete their language requirement during the summer.

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

Undergraduate students should consult the undergraduate director of the department concerning the appropriate course selection, especially when they intend to fulfill a language requirement, or to complete part of a major course of study in modern languages. The department will permit advanced students to take up to three extra hours of credit in "Special Studies" based on individual arrangements with an instructor in the field.

Candidates for the master's degree in French or Spanish are expected to take a minimum of 30 credit hours of graduate courses, normally 24 credit hours in their choice field of literature, three credit hours of literary theory, and three credit hours of comparative literature. Reading assistants also take three credit hours of pedagogy. They can complete their coursework during the regular academic year and during the summer session, but not exclusively during the summer session. Students will arrange their individual course of study with the director of Graduate Studies.

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

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

UNDERGRADUATE COURSES

ROIT 10115. Intensive Beginning Italian

6 credits (6-0-6)

8:30–10:30 MTWRF 6/23–8/6

Drill 11:00–noon MTWRF 6/23–8/6

CRN 3158; ID # ROIT 10115 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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, Williams (10-4-4)

8:30–10:15 MTWRF 6/1–7/3

Drill 10:30–11:30 MTWRF 6/1–7/3

CRN 3371; ID # ROSP 10101 01

Last "add" date: 6/3

"Drop" dates: refund, 6/8; last, 6/18

Enrollment limit: 25

An introduction to Spanish for students with no or minimal background. A balanced approach to all language skills.

ROSP 10102. Beginning Spanish II

4 credits (10-4-4)

8:30–10:15 MTWRF 6/1–7/3

Drill 10:30–11:30 MTWRF 6/1–7/3

CRN 1328; ID # ROSP 10102 01

Last "add" date: 6/3

"Drop" dates: refund, 6/8; last, 6/18

Enrollment limit: 25

A continuation of ROSP 10101.

ROSP 20201. Intermediate Spanish

3 credits (10-4-3) Coloma

8:00–10:00 MTWRF 7/7–7/29

Drill 10:20–11:20 MTWRF 7/7–7/29

CRN 1100; ID # ROSP 20201 01

Last "add" date: 7/8

"Drop" dates: refund, 7/12; last, 7/19

Enrollment limit: 25

A continuation of ROSP 10101 and 10102.

Fulfills language requirement.

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, MacKenzie (5-0-0)

8:00–9:05 MTWRF 6/23–8/6

CRN 1192; ID # ROFR 63050 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

Enrollment limit: 30

ROFR 63050. French Graduate Reading—Section 02

0 credits, Toumayan (5-0-0)

8:00–9:00 MTWRF 6/23–8/6

CRN 3241; ID # ROFR 63050 02

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 1526; ID # SC 48100 01
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 01

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 Office of the Registrar, or from *insideND* (inside.nd.edu).

SOC 10002/20002. Understanding Societies

3 credits, Hausmann (3-0-3)
10:30–12:15 MTWRF 6/23–7/20
CRN 3787; ID # SOC 10002
CRN 3788; ID # SOC 20002
Last “add” date: 6/25
“Drop” dates: refund, 6/29; last 7/7
Sociology is the science—and the art—of understanding social relationships, human behavior, and the society that we live in. As a comprehensive introduction to the discipline, the goals of this course are to stimulate your fascination with sociology and to encourage you to recognize sociology’s practical value, as well as its unique perspective. When you have finished this course, you will be able to understand and apply sociological concepts, theories, and tools; appreciate the practical uses of sociology for all fields; and recognize the work that sociologists do, how they do it, and why they do it.

SOC 10722/20722. Introduction to Social Psychology

3 credits, Collett (3-0-2)
10:30–12:15 MTWRF 6/23–7/20
CRN 3789; ID # SOC 10722
CRN 3790; ID # SOC 20722
Last “add” date: 6/25
“Drop” dates: refund, 6/29; last 7/7
The overarching goal of this class is to provide students with a working knowledge of social psychology and to stimulate an interest in ourselves, the world around us, and the connections between the two.

This is a course about how we become who we are—how our personalities (or our selves) are shaped by others, the groups we belong to, the social structures around us, and our interactions as social beings. However, interaction is a process between entities, a two-way street. Hence, it is not only about how the world around us shapes who we are, but also a course about how we shape the groups that we belong to and the social structures around us.

SOC 20502. Today’s Organizations

3 credits, Gunty (3-0-3)
6:30 p.m.–9:30 TR 6/23–8/6
CRN 3791; ID # SOC 20502
Last “add” date: 6/26
“Drop” dates: refund, 7/2; last 7/16
Throughout our lives we participate in and interact with many different types of organizations: hospitals, schools, businesses, government agencies, religious institutions. However, our understanding of these organizations is often limited. We may see what they do, but it is often difficult to see how organizations do

these things and why they do them. Broadening our understanding of organizations can facilitate our ability to both negotiate our way through organizations and restructure organizational activities. The objective of this course is to increase your ability to understand today’s organizations by (1) exploring different ways of looking at and thinking about organizations and (2) developing your skill at “reading” real organizational situations. Because today’s organizations are multifaceted entities we will look at organizations from many different angles: as machines, organisms, brains, culture, political systems, psychic prisons, instruments of domination, and as flux and transformation. Throughout the course, active learning is stimulated by organizing class sessions around discussions of cases (including video cases) and using cooperative learning groups. Upon completion of the course, you will be able to (1) analyze organizations from multiple perspectives and (2) imagine alternative ways of organizing activities.

SOC 30019—Sociology of Sport

3 credits, Welch (3-0-3)
1:15–3:45 TR 6/23–8/6
CRN 2891; ID # SOC 30019
Last “add” date: 6/26
“Drop” dates: refund, 7/2; last 7/16

The primary objective of this course is to examine the nature of sport in American society and the modern world. A variety of topics will be covered, including sociological perspectives on the history of sport, the relationship between sports and the entertainment industry, problems in intercollegiate and professional sports, and other issues. The course should be particularly helpful for students who are interested in careers in athletic administration, sports journalism or broadcasting, coaching, higher education administration, sports and entertainment law, and other aligned fields.

SOC 30841. Gender and Society

3 credits, Gregg (3-0-3)
1:15–3:45 TR 6/23–8/6
CRN 3795; ID # SOC 30841
Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16
This course is an introduction to the study of gender and society. We will study how gender is constructed through social interaction and how it is patterned in a wide gamut of structural locations, such as the following: education, media, family, the field of medicine, and business and the economy. Major themes in this course include the social construction of gender, how people “do” gender, and patriarchy and the perpetuation of gender inequality in our society. After exploring the core characteristics

of patriarchy and its power as a social system, the final project in this course will work toward solutions to gender inequality.

SOC 30900. Foundations of Sociological Theory

3 credits, Faeges (3-0-3)

10:30 p.m.–12:50 MTWRF 6/23–7/13

CRN 3796; ID # SOC 30900

Last “add” date: 6/24

“Drop” dates: refund, 6/27; last 7/4

Sociological theory is the foundation of sociology. Students in this course will learn two things: first, what theorists do and why; and second, how to use fundamental theoretic concepts—such as exploitation and alienation, social structure and solidarity, bureaucracy and charisma—to analyze and explain contemporary society.

SOC 30902. Methods of Sociological Research

3 credits, Hachen (3-0-3)

10:30–12:25 MWF 6/23–8/6

CRN 1180; ID # SOC 30902

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16

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 40701. Sociology of Law

3 credits, Sobolewski (3-0-3)

10:30–12:50 MTWRF 6/23–7/13

CRN 3797; ID # SOC 40701

Last “add” date: 6/24

“Drop” dates: refund, 6/27; last 7/4

This course examines the central issues and debates in the sociology of law. Lectures and discussions will cover a diverse range of topics drawing from a wide range of legal settings. The goal of the course is to survey the distinct ways in which sociologists view and study the law and legal institutions.

SOC 43228. Controversies in Education

3 credits, Covay (3-0-3)

8:55–11:25 TR 6/23–8/6

CRN 3798; ID # SOC 43228

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16

The “American Dream” suggests that education can be a path to upward mobility. However, critical examination of education allows us to have a greater understanding of the stratification within society. Education is a complex enterprise comprised of issues related to inequality and often these issues do not have clear-cut answers. While viable solutions exist, the implementation of solutions is complicated. This course is designed to critically examine educational issues such as tracking, segregation, accountability, and school choice. Throughout the semester, we will read scholarly work and discuss how equality within education is not straightforward, but instead is wrought with controversies.

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:

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

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

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

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

Program Description

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

academic-year tuition scholarships will be provided for such work.

There are six areas of concentration for the M.A. in theology: biblical studies, history of Christianity, liturgical studies, moral theology, spirituality, and systematic theology.

Apart from liturgical studies, an area of concentration is normally constituted by six courses in the area of concentration, one course each in five other areas, and three free electives.

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

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

Prerequisites for Admission

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

Certification

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

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

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

Online Application

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

Further Information

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

Director of the M.A. (Theology) Program
Department of Theology
130 Malloy Hall Notre Dame, IN 46556-4619
Telephone: (574) 631-4254
Email: theo.1@nd.edu
Web: theology.nd.edu/graduate-program/master-of-arts/

Additional Information for the Master of Arts Program:

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

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

Degree Eligibility: A master's program that is pursued during the summer and the academic year must be completed within five years. A student attending summer session only must complete all requirements within seven years.

Comprehensive Examinations/Bibliographies

The M.A. exams are designed to allow students to explore specific theological issues in more depth than may have been possible during coursework. The M.A. exams are based on five topics developed by the student, in light of her or his unique theological interests. Each topic is

phrased as a topic that is then used as the criterion by which to choose four books and one recent article that most directly address and explore each topical topic. No more than three topics should be in your area of concentration.

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

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

Books:

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

(4) Janet Martin Soskice—*Metaphor and Religious Language*

Journal Article:

Diane Bergant, "The Challenge of Hermeneutics: Lamentations 1:1-11: A Test Case," *Catholic Biblical Quarterly* 64, No.1 (2002): 1-16.

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

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

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

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

The comprehensive exams themselves are made up of written and oral exams. The student will be asked to answer three of the five questions

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

Reminders:

- (1) If you are planning to complete the degree program, please keep in mind the basic process for preparing for comprehensive exams. You may find it helpful to note interesting issues, books or articles while pursuing coursework but do not have time to pursue. The exam process allows you the opportunity to read such books or articles.
- (2) Some of you are nondegree students. If you are planning to become a degree-seeking student, then please complete the proper paperwork in a timely manner to become a degree-seeking student. Further, please keep track of how many credits you accumulate.

Liturgical Celebration

During the summer session, an important part of student life is liturgical celebration. Morning and Evening Prayer are celebrated each day. Students are encouraged to join in these common prayers and to participate in various ministerial roles, including joining the choir, playing the organ or another instrument, or becoming a cantor.

Summer Session Intensive Course

Each summer a selected topic will serve as the theme of a special two-week course. Usually, these topics will be historical and/or theological, and should prove especially attractive to teachers and parish employees. Because of its intensive nature, it is expected that the student will not take additional courses during that module. For additional information, see the description in the list of courses.

Class Schedule

Graduate-level courses are arranged within two three-week modules (Module 1: June 22–July 10, 2009; Module 2: July 13–July 31, 2009). Students may choose to attend either or both of these, but may not take more than two courses for credit within any given module. Requests to audit courses in excess of this limit need the approval of the area coordinator. Degree-seeking students should normally plan

to take no more than nine or 10 credits in any summer.

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

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

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

THE INTENSIVE COURSE

Each summer, the Department of Theology offers at least one intensive course for students who wish to reflect on a significant Catholic theologian or a historical event that has significantly shaped the contemporary Catholic tradition. In 2009, one such course will be offered: "The Intensive Course: John of the Cross/Teresa of Avila: Exploring Their Mystical Teaching."

THEO 60260. Intensive Course: John of the Cross/Teresa of Avila: Exploring Their Mystical Teaching

4 credits, Keith Egan

9:45–12:00 and 2:00–4:15 MTWRF 7/13–7/24

CRN 3737; ID # THEO 63203 01

Last "add" date: 7/13

"Drop" dates: refund, 7/15; last, 7/19

This course will explore the lives and teachings of these two Spanish mystics who have left an indelible mark on the spiritual and mystical consciousness of Christianity. Themes in this course will include a critical understanding as spiritual classics of the texts of these two saints and doctors of the church; an exploration of the texts of Teresa inasmuch as they reveal God's presence in human life through the gifted story telling of this woman from Castile; an inquiry into John of the Cross' poetry as the primary locus of his mystical teaching; John of the Cross and Teresa as a resources for ordinary and sacramental mysticism; the meaning of interpreting Teresa and John in the light of each other; the implications for prayer and a more contemplative church through the mystical doctrine of Teresa and John; an exploration of the teaching of Teresa and John for the relationship of hope and prayer; the search for an answer to the question of whether or not the bridal/erotic mysticism of these two Carmelites can still

flourish in the sex-soaked culture of the third millennium; and finally, what do Teresa and John have to offer in the search for better understanding of what mysticism means for humanity as a deepening of human consciousness and as a road to a fuller and more flourishing humanity?

(Two-week, 4-credit course, July 13–24, 2009)

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

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

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

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

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

Office of the Registrar
Summer Session
105 Main Building
University of Notre Dame
Notre Dame, IN 46556

UNDERGRADUATE COURSES

THEO 20606. Theology of Marriage

3 credits, Paulinus Odozor

10:30–11:35 MTWRF 6/23–8/6

CRN 3729; ID # THEO 20606 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

This course seeks to introduce participants to the principal elements in the Catholic tradition on marriage by examining the sources of this tradition in sacred Scripture, the work of ancient Christian writers, the official teachings of the Church and recent theological reflection. The method employed in the course is thus historical, scriptural, and thematic. The readings selected for this course are intended to expose students to contemporary discussion in moral theology apropos of these issues, and provide them with the necessary theological tools to critically evaluate a wide variety of ethical positions dealing with marriage in the Catholic tradition.

THEO 20626. Science and Theology

3 credits, J. Matthew Ashley

2:45–3:50 MTWRF 6/23–8/6

CRN 3730; ID # THEO 20626 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

Modern science has developed in intimate relationship to Christian faith and theology. Sometimes the interactions have been positive and other times negative, but many contemporary portrayals of this relationship deal in oversimplifications and caricatures. This course has the goal of introducing students to the rich complexity of the relationship between science and religion in general, and Christianity and modern science in particular. It examines this relationship first by considering two particularly intense moments: the controversies surrounding the heliocentric model of the solar system, which came to a head in the Galileo affair, and the still ongoing debates over the compatibility of the science of evolution with Christian faith. In the third section of the course, we consider the ethical implications of modern science and technology by considering debates over how to respond to one of several contemporary environmental crises (the particular one we discuss will be decided by the class at the beginning of the course).

THEO 30018. ND: Vocation Initiative

3 credits, Janice Poorman

9:30–4:30 MTWRF, 6/3–6/11

CRN 1190; ID # THEO 30018 01

Last "add" date: 6/5

"Drop" dates: refund 6/5; last 6/8

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 6/15–7/17

CRN 2981; ID # THEO 30025 01

Last "add" date: 6/17

"Drop" dates: refund, 6/22; last, 7/2

"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 department 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 department office.)

THEO 48801/68201. NSF/REU Summer Biocultural Research Program

(Cross-listed with ANTH 45818/65818)

6 credits, Sheridan

10:00 a.m.–6:00 p.m. MTWRF 6/9–7/24

CRN 2873; ID # THEO 48801 01

CRN 3504; ID # THEO 6820101

Last "add" date: 6/13

"Drop" dates: refund, 6/18; last, 7/2

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
Email: Sheridan.5@nd.edu

or visit the project website at
nd.edu/~stephens.

GRADUATE COURSES

THEO 66001. Directed Readings

Variable credits, Staff (V-V-V)
CRN varies with instructor
ID # THEO 66001
(Obtain CRN in department 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
8:10–10:30 MTWRF 7/13–7/24
CRN 2955; ID # THEO 68802 01
Last "add" date: 7/13
"Drop" dates: refund 7/15; last, 7/19
A review course open only to those taking comprehensive examinations in July. This course meets MWF in the first week and TR 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 focus 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 department office.)

THEO 78600. Nonresident Thesis Research

1 credit, Staff (0-0-1)
CRN varies with instructor.
ID # THEO 78600
(Obtain CRN in department office.)

THEO 86001. Directed Readings

Variable credits, Staff (V-V-V)
CRN varies with instructor
ID # THEO 86001
(Obtain CRN in department 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
1:00–4:00 MTRF 6/1, 6/2, 6/4, 6/5
CRN 2961; ID # THEO 87002 01
Last "add" date: 6/1
"Drop" dates: refund, 6/2; last, 6/4
There are a number of issues relating to the culture of academic life that are typically left unaddressed in formal coursework and degree programs, but which are of concern for those who plan to spend their careers in academic life. The course introduces doctoral students, especially those in the humanities, to a number of these in an effort to promote professional development. The course is built around four major areas: academic positions and expectations, teaching and teaching skills, research, and service. We will explore a wide range of topics for each of these areas including the preparation of a C.V., an explanation of the tenure process, syllabus construction, the use of technology in teaching, setting up a research agenda, participation in professional societies, external grants, citizenship in the university and society, and principles for a successful career. The course emphasizes the practical requirements of the professorate. It is designed for those in the job market but is open to any who want to learn about the requirements of academia.

THEO 98699. Research and Dissertation

Variable credits, Staff (V-V-V)
CRN varies with instructor
ID # THEO 98699
(Obtain CRN in department office.)

THEO 98700. Nonresident Dissertation Research

1 credit, Staff (0-0-1)
CRN varies with instructor
ID # THEO 98700
(Obtain CRN in department office.)

BIBLICAL STUDIES

THEO 60127. Pentateuch

3 credits, Dan Machiela
10:40–1:00 MTWRF 6/22–7/10
CRN 3749; ID # 60127 01
Last "add" date 6/23
"Drop" dates: refund, 6/26; last 7/2
The Pentateuch, or Torah (Genesis-Deuteronomy), serves as the foundation of both the Jewish and Christian scriptural canons, and has accrued a rich history of interpretation in the synagogue, Church, and the modern Academy for over two millennia. In these books are found some of the most familiar, interesting, and challenging stories in all Scripture, and the most formational for the identity of Jews, Christians, and Muslims: the creation account, the promises to Abraham and Sarah, and the Exodus from Egypt, to name only a few. During this course, we will explore the many facets of these "Five Books of Moses." Although our focus will be gaining familiarity with the primary texts themselves, we will also delve into the Ancient Near Eastern background of these books, and the many ways in which they have been read and received throughout their history. Other potential points of discussion will be current debates regarding the historicity and scientific use of the Pentateuch, still much contested in North America, and the ongoing relevance of these books for communities of faith—especially the Roman Catholic Church—in the 21st century.

THEO 60151. Old Testament Prophets

3 credits, Anatheia Portier-Young
2:00–4:20 MTWRF 7/13–7/31
CRN 3750; ID # 60151 01
Last "add" date 7/14
"Drop" dates: refund, 7/17; last 7/23
The prophets of the Old Testament spoke to Israel of justice and holiness, revealing the will of God in times of crisis and times of plenty. This course will bring students into the historical world of Israel's prophets, making their theological message come alive and inviting it to speak into our present life. We will give close attention to the major prophets Isaiah, Jeremiah, and Ezekiel, as well as Hosea, Amos, Zechariah, and Daniel. We will ask the question,

"What is a prophet?" and we will trace the shifts and transformations in biblical prophecy from its earliest beginnings to its latest manifestations.

THEO 60152. Prophetic Jesus, Prophetic Church

3 credits, Luke Timothy Johnson

2:00–4:20 MTWRF 6/22–7/10

CRN 3751; ID # 60152 01

Last "add" date 6/23

"Drop" dates: refund, 6/26; last 7/2

Everyone agrees that the portrayal of Jesus in the Gospel of Luke is prophetic: Jesus announces God's vision for the world as one that challenges the conventional patterns of society. In the History of scholarship, however, the Acts of the Apostles—Luke's second volume—is often read as a betrayal of that prophetic vision. This course develops the thesis that Luke's vision for the church in Acts is just as prophetic and perhaps even more radical than his portrayal of Jesus. This course uses the interpretation of Luke-Acts as a way of addressing the church in the world today.

THEO 64105. "The Fifth Gospel": The Origins of Christianity in the Land of Israel

3 credits, Greg Sterling

Variable times and days 6/8–6/19

CRN 3752; ID # 60145 01

Last "add" date 6/8

"Drop" dates: refund, 6/10; last 6/14

The land of Israel is the birthplace for Christianity. Perceptions of the relationship between the land and Christian faith have ranged from benign neglect to a consideration of Israel as "the holy land." This course will explore these different perceptions of the land; however, we will concentrate on a scholarly approach that takes the importance of the land seriously for understanding the historical Jesus and the emergence of Christianity. The purpose of the course is to enable participants to recreate first-century Palestine and situate the major events in the life of the historical Jesus and the earliest Christian communities within that world.

The course will be based at Tantur, located between Jerusalem and Bethlehem, Israel. Instruction will include both classroom sessions and site visits. On most days, we will have class in the morning and make excursions in the afternoon to the major sites in and around

Jerusalem and Bethlehem. For example, we will consider whether the Church of the Holy Sepulchre is the authentic site of Jesus' execution and burial and reflect on its role in the history of Christianity within the land. We plan to take three longer excursions: one to Masada, the Dead Sea, and Qumran; another to major sites in Galilee such as Capernaum, the Sea of Galilee, and Sepphoris; and yet another to Caesarea on the Mediterranean coast. The experience should transform your capacity to recreate the historical Jesus and your understanding of Christian origins.

Costs for the course:

1. Tuition
2. Travel (about \$1,200 for a flight)
3. Room and board, including fees for field trips (\$1,400)

CATECHESIS STUDIES

THEO 60221. Catechesis: History and Theory

3 credits, Gerard Baumbach

10:40–1:00 MTWRF 6/22–7/10

CRN 1101; ID # 60221 01

Last "add" date: 6/23

"Drop" dates: refund, 6/26; last, 7/2

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

8:10–10:30 MTWRF 6/22–7/10

CRN 3492; ID # 60222 01

Last "add" date: 6/23

"Drop" dates: refund, 6/26; last 7/2

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.

HISTORY OF CHRISTIANITY

THEO 60205. Medieval Theology

3 credits, Joseph Wawrykow

2:00–4:20 MTWRF 7/13–7/31

CRN 3734; ID # 60205 01

Last "add" date: 7/14

"Drop" dates: refund, 7/17; last, 7/23

This course offers an orientation to Christian theology in Western Europe in the high middle ages (from the 12th to the early 14th century). Through the study of selections from such influential theologians as Peter Lombard and Thomas Aquinas, Mechthild of Magdeburg, and Gertrude of Helfta, students will gain familiarity with the principal kinds of theological work performed in the middle ages: scholastic, monastic, and vernacular. A subsidiary concern is the dissemination of Christian religious ideals outside of theological circles. Requirements include daily reading and exegetical pieces, one short paper on an assigned text, and a final exam.

THEO 60252. Theology After Darwin

3 credits, J. Matthew Ashley
10:40–1:00 MTWRF 7/13–7/31

CRN 3735; ID # 60252 01

Last “add” date: 7/14

“Drop” dates: refund, 7/17; last, 7/23

This course is a survey of some influential attempts by Christian theologians (both Protestant and Catholic—primarily in the United States) to come to grips with the challenges raised by the Darwinian revolution, which began 150 years ago with the publication of *The Origin of Species*. Initially the challenge of Darwinism was felt primarily in “natural theology,” thus we begin there, with a brief consideration of the role of the so-called argument from design in 19th-century Christian theology. Then we will consider some paradigmatic late 19th-century reactions to Darwin: Charles Hodge, B.B. Warfield, and John Zahm, C.S.C. From there we will study the largely negative mood of the early 20th century, with particular attention to the Scopes Trial of 1925 and the rise of creationism in the ensuing decades. Finally, we will look at contemporary attempts to defend Christian theism from atheist critics such as Richard Dawkins, with attention to the work of Langdon Gilkey, John Haight, Elizabeth Johnson, and Denis Edwards.

THEO 60258. Mary

3 credits, Brian Daley
8:10–10:30 MTWRF 7/13–7/31

CRN 3736; ID # 60258 01

Last “add” date: 7/14

“Drop” dates: refund, 7/17; last, 7/23

Mary is, in a sense, a marginal figure in the Christian life of faith and practice, since the Gospel that forms the Church is above all the news that Jesus, her Son, is Lord: raised from the dead, saving us from our sins. Yet from earliest Christian times, believers in Jesus have been centrally concerned with Mary’s life, her role in the history of salvation as Mother of God, her holiness, her virginity and fidelity to God, her present share in the risen life of her Son. This course will consider some of the main texts and moments by which Christian beliefs about Mary and personal and liturgical devotion to Mary have developed, and will reflect on her central importance in the Christian life today.

LITURGICAL STUDIES**THEO 60404. Eucharist**

3 credits, Michael Driscoll
2:00–4:20 MTWRF 7/13–7/31

CRN 1320; ID # 60404 01

Last “add” date: 7/14

“Drop” dates: refund, 7/17; last, 7/23

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 60414. Liturgical Year for the Pastoral Musician

2 credits, Donald LaSalle
8:10–10:30 MTWRF, 7/13–7/24

CRN 2953; ID # THEO 60414 01

Last “add” date: 7/13

“Drop” dates: refund, 7/15; last, 7/19

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. (SummerSong Program: Two-week course)

THEO 60416. Liturgical Theology

3 credits, David Fagerberg
10:40–1:00 MTWRF 7/13–7/31

CRN 3074; ID # 60416 01

Last “add” date: 7/14

“Drop” dates: refund, 7/17; last, 7/23

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 Schmemann, 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 60418. Spirituality of the Religious Image

3 credits, Nathan Mitchell
2:00–4:20 MTWRF 6/22–7/10

CRN 3738; ID # 60418 01

Last “add” date: 6/23

“Drop” dates: refund, 6/26; last, 7/2

This course explores the history and theology of the image in Christian art, past and present, as well as the role these images have played in the shaping of spirituality. In addition to reading primary texts (e.g., the work of John Damascene on the veneration of images), students will also study modern texts that try to interpret the significance of Christian icons and images (e.g., selections from the work of Hans Belting on *Presence and Likeness*; the work of Charles Barber on Byzantine iconography). Special attention will be paid to the way visual images have acted as incentives for discipleship (*imitatio Christi*), as well as to artists whose work has significantly altered our perception and practice of Christian faith and life (e.g., the painters Giotto and Caravaggio; the anonymous painters and sculptors whose iconographic programs have shaped the spaces in which Christians celebrate the liturgy).

THEO 60419. Liturgical History

3 credits, Maxwell Johnson
10:40–1:00 MTWRF 6/22–7/10

CRN 3739; ID # 60419 01

Last “add” date: 6/23

“Drop” dates: refund, 6/26; last, 7/2

Survey of liturgical history and sources with regard to both Eastern and Western rites. Fundamental liturgical sources including basic homiletic and catechetical documents of the patristic period. Basic introduction to the methodology of liturgical study.

THEO 60422. Liturgical Prayer

3 credits, Paul Bradshaw
8:10–10:30 MTWRF 6/22–7/10

CRN 3161; ID # 60422 01

Last “add” date: 6/23

“Drop” dates: refund, 6/26; last, 7/2

A study of the theology and practice of liturgical prayer in the Christian tradition past and present.

THEO 60428. Music and Ritual: Contemporary Perspectives

3 credits, Judith Kubicki
8:10–10:30 MTWRF, 7/13–7/31

CRN 3740; ID # 60428 01

Last “add” date: 7/14

“Drop” dates: refund, 7/17; last, 7/23

(Cross-listed as MUS 60122)

Well before the dawn of the Second Vatican

Council, Virgil Michel suggested that the fruit of a renewed liturgy would be the emergence of a just society. This course will examine the implications of "full, conscious and active participation" on the social mission of the church, with issues such as inculturation, economics, globalization, the environment, and solidarity serving as conversation points. Through the study of selected papal and conciliar documents, liturgical and musical texts, and an exploration of some of the constitutive elements of the liturgy such as symbol and ritual action, students will be encouraged to reflect more deeply on what it means to "make of your lives a living worship" and on the implications of that in their ministries.

THEO 60429. Liturgical Spirituality and the Quest for Justice: Living the Values of the Reign of God

2 credits, Sandra Derby
8:10–10:30 MTWRF, 7/13–7/24

CRN 3741; ID # 60429 01

Last "add" date: 7/13

"Drop" dates: refund, 7/15; last, 7/19

Well before the dawn of the Second Vatican Council, Virgil Michel suggested that the fruit of a renewed liturgy would be the emergence of a just society. This course will examine the implications of "full, conscious and active participation" on the social mission of the church, with issues such as inculturation, economics, globalization, the environment, and solidarity serving as conversation points. Through the study of selected papal and conciliar documents, liturgical and musical texts, and an exploration of some of the constitutive elements of the liturgy such as symbol and ritual action, students will be encouraged to reflect more deeply on what it means to "make of your lives a living worship" and on the implications of that in their ministries. (SummerSong Program: Two-week course)

MORAL THEOLOGY

THEO 60618. Theology of the Body

3 credits, Adrian Reimers
10:40–1:00 MTWRF 6/22–7/10

CRN 3742; ID # 60618 01

Last "add" date: 6/23

"Drop" dates: refund, 6/26; last, 7/2

Pope John Paul II's "theology of the body," presented in his weekly public audiences over the course of five years, constitutes a thoroughgoing effort to develop an integrated Christian anthropology based on the person as the image of God. John Paul II's finds in human sexuality an important key to the fundamental signifi-

cance of the body as the person's way of being present in the world and to others. Besides examining the content and structure of John Paul II's thought, the course will relate these to his intellectual predecessors and to alternative conceptions.

The first half of the course will focus on key concepts, such as solitude, gift, communion, shame, and nuptial significance, in relation to human sexual being and behavior. The second half will focus on the application of these theological concepts to ethics and vocation (marriage and celibacy), including John Paul's reflections of the encyclical *Humanae Vitae*.

Course requirements include one test, one paper of seven to 10 pages, and a final exam. Students will be expected to participate actively in class discussions.

Texts: John Paul II, *Man and Woman He Created Them: A Theology of the Body*, Pauline Books & Media, 2006, and *Apostolic Letter Mulieris Dignitatem*; also course packet of complementary readings.

THEO 60631. Medical Bioethics

3 credits, Charlie Camosy
2:00–4:20 MTWRF 7/13–7/31

CRN 3743; ID # 60631 01

Last "add" date: 7/14

"Drop" dates: refund, 7/17; last, 7/23

Confusion reigns supreme when it comes to discussion of bioethics, whether in a hospital ethics committee, presidential debate, an academic journal, or over a pint in a pub. It is more often characterized by people talking past each other than about discussion of the same topic, to say nothing of actually making progress on a particular issue. For instance, three very different topics—the personhood of the fetus, the permissibility of ever killing the fetus, and public policy about the personhood or killing of the fetus—are often unhelpfully lumped into arguments over a single topic: abortion. This course attempts to deal with several classic topics in bioethics in a way that cuts through the confusion by dealing with the each of the three kinds of issues (moral status, killing/treatment/care, and public policy) systematically. The course will emphasize the Roman Catholic moral traditions, but will almost always be in conversation with secular traditions as well. Key points not only of disagreement, but, importantly, agreement will be emphasized in an attempt to at least get the issues straight and, perhaps, move the debate forward.

SYSTEMATIC THEOLOGY

THEO 60806. Ecclesiology

3 credits, Richard P. McBrien
2:00–4:20 MTWRF 6/22–7/10

CRN 1321; ID # THEO 60806 01

Last "add" date: 6/23

"Drop" dates: refund, 6/26; last, 7/2

An examination of the nature and mission of the Church, with special emphasis on the Second Vatican Council, its theological and doctrinal antecedents and post-conciliar developments.

THEO 60819. Christianity and World Religions

3 credits, Bradley Malkovsky
10:40–1:00 MTWRF 6/22–7/10

CRN 3744; ID # THEO 60819 01

Last "add" date: 6/23

"Drop" dates: refund, 6/26; last, 7/2

This course is designed to introduce you to the basic teachings and spiritualities of Hinduism, Buddhism, and Islam. We will approach these religions both historically and theologically, seeking to determine where they converge and differ from Christianity on such perennial issues as death, meaning, the nature of the ultimate Mystery, the overcoming of suffering, etc. That is to say, we will not only attempt to comprehend these religions according to their own self-understanding, but we will also endeavor to appraise their significance in relation to Christian faith, both in the challenge and enrichment they present.

We will also examine some traditional and contemporary Catholic and Protestant approaches to the truth claims of other religions. Our own search to know how the truth and experience of other faiths are related to Christian faith will be guided by the insights of important Christian contemplatives who have entered deeply into the spirituality of other traditions. By course end we ought to have a greater understanding of what is essential to Christian faith and practice, as well as a greater appreciation of the spiritual paths of others. This course is especially recommended as a preparation for teaching high school and introductory university-level courses.

THEO 60846. Christology

3 credits, Donald Buggert
8:10–10:30 MTWRF 7/13–7/31

CRN 3745; ID # THEO 60846 01

Last "add" date: 7/14

"Drop" dates: refund, 7/17; last, 7/23

This course situates the significance of historical-critical Jesus-research for the Christologies of the New Testament. It continues with patristic

and conciliar Christology as an affirmation of the New Testament Christ and a norm for subsequent Christological development. It then considers and evaluates the Christologies of Rahner, Pannenberg, Schoonenberg, Küng, Haight, and Pittenger. Throughout the course the themes of Christ and feminist theology and Christ as universal savior will be treated with specific reference to Jacques Dupuis and Peter Phan.

THEO 60847. Pastoral Theology

2 credits, Janice Poorman

2:00–4:20 TR 7/13–7/31

CRN 3060; ID 60847 01

Last “add” date: 7/14

“Drop” dates: refund, 7/17; last, 7/23

(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

10:40–1:00 MTWR 7/13–7/31

CRN 3061; ID # THEO 60848 01

Last “add” date: 7/14

“Drop” dates: refund 7/17; last, 7/23

(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.

Relationship between Christology and Pneumatology in the Writings of Yves Congar, Karl Rahner and Jacques Dupuis, PUG, 1987.

THEO 60860. Theology of Prayer

3 credits, Lawrence Cunningham

8:10–10:30 MTWRF 6/22–7/10

CRN 3746; ID # THEO 60860 01

Last “add” date: 6/23

“Drop” dates: refund 6/26; last, 7/2

This course will examine some classic texts on prayer (Origen’s *On Prayer*; selected conferences of John Cassian; Augustine’s “Letter to Proba”) against the background of Michael Casey’s, *Towards God: The Ancient Wisdom of Western Prayer*, and in conjunction with the fourth part of the *Catechism of the Catholic Church*. In lieu of examinations, each student will be expected to write short analytical and/or reflection papers on a regular basis. Students in the ECHO program and other teachers will be encouraged to develop a model lesson plan on prayer as part of their class experience.

THEO 60861. Buddhist and Christian Visions of the Contemplative Life

3 credits, Robert Gimello

2:00–4:20 MTWRF 6/22–7/10

CRN 3747; ID # THEO 60861 01

Last “add” date: 6/23

“Drop” dates: refund 6/26; last, 7/2

A comparative study of the disciplines of meditation in Buddhism and contemplative prayer in Christianity, especially as practiced by those who are characterized as “mystics.” Selected classics from the two traditions will be read and discussed against the background of contemporary theories of spirituality and mysticism.

THEO 60930. Young Adult Ministries

3 credits, Janice Poorman

9:00–6:00 WR 8/5, 8/6

Also meets 9:00–12:00 F 8/7

CRN 3748; ID # THEO 60930 01

Last “add” date: 8/4

“Drop” dates: refund 8/6; last, 8/7

The Young Adult Ministries course serves as an introduction to the pastoral documents affording Roman Catholics a foundation from which to design programs and processes for ongoing faith formation, spiritual growth, and social interaction for young adults. Two renowned pastoral ministers from the Archdiocese of Chicago, Fr. John Cusick and Kate DeVries, will facilitate

this pastoral workshop at Notre Dame for the first day, Thursday, Aug. 2, and at Old St. Pat’s in Chicago on Aug. 3 and 4. Registered participants will be contacted with additional information about assigned materials and will be able to share rides to Chicago. Course is open to all Echo Program, M.Div., and M.A. students.

Information about the Department of Theology is available at theology.nd.edu.

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

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Department of Theology
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PROGRAMS OF STUDY—INTERNATIONAL

SCHOOL OF ARCHITECTURE, INTERNATIONAL PROGRAMS

Dean:

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

Chinese Architecture Program, June 20–July 5

A summer program in China, and occasionally Japan, is typically offered by the School of Architecture in alternating years. The 2009 program will explore China's past and present practices in urban development, green architecture, and environmental planning. Through the study of architectural tradition and its influence on high-quality modern urban living, the program will examine how architects and planners have responded to evolving social demands compared to their counterparts in the West. New construction also will be studied to learn how the country reflects that heritage even as it evolves.

Already one of the world's largest economies, China is the world's most populous nation, with 1.3 billion people living on the mainland alone. This program, run in conjunction with Nanjing University, explores how China's architectural sphere has and will continue to extend across East Asia and the world at large.

The program will be lead by Dean Michael Lykoudis, University of Notre Dame School of Architecture, and Prof. Zhao Chen of the University of Nanjing School of Architecture. Stops in China include Shanghai, Tongli, Suzhou, Nanjing, Pingyao, and Beijing. Notre Dame course credit is available.

Cost: \$4,500 excluding airfare. Participants are required to fly to Shanghai and to return from Beijing. The fee includes lodging, breakfast, most dinners, travel between sites, and entrance fees. Students must have completed at least three years in an accredited undergraduate architecture program, or one year in an accredited graduate architecture program, or demonstrate an interest in and understanding

of fundamental architectural and urbanistic concepts, through such means as a design portfolio or an essay.

A deposit of \$500 is due by April 1, and the balance is due May 1. No refunds will be given after May 1.

The itinerary is subject to change. The program is subject to cancellation if enrollment is insufficient.

For further information, contact Cindy DuBree at 110 Bond Hall, (574) 631-8437, or Barbara Panzica at 110 Bond Hall, (574) 631-4699.

Design Program in Bath, England, May 20–June 12

This program, directed by architecture professor Richard Economakis, offers an intense design studio in the heart of the historic city of Bath in England. The course will begin with the study of the city's Roman, medieval, and 18th-century architecture and urbanism, with a special focus on building typology. Areas of the city that are yet to be developed, or that suffered in the post-World War II period, will be studied with a view to producing design proposals sympathetic to the city's historic fabric.

Cost: \$2,500 excluding travel. The fee includes breakfasts and dinners. Students will be required to bring a limited amount of compact drafting equipment.

The program is open to Notre Dame architecture graduate students and architecture undergraduates who have completed the second-year studio. Six credit hours. A deposit of \$500 is due by March 18, and the balance is due May 1. No refunds will be given after May 1.

The program is subject to cancellation if enrollment is insufficient.

For more information, contact Prof. Richard Economakis, (574) 631-7887.

Architecture and Urbanism in Peru, July 24–Aug. 7

This summer the School of Architecture is planning a study program in Peru. Peruvian architect Miguel Landa Sierra will lead a study of traditional Peruvian architecture and current practice. It will focus on the cities of the "Inka Trail,"

including Cusco and Machu Picchu. The program will include a variety of activities such as lectures, city and museum and construction tours, meeting with urban planning officials, design exercises, and participation in archaeological digs. The precise array of activities is being developed. The program will involve extensive walking at high altitudes. Though a familiarity with Spanish would be useful, the program is designed for English speakers.

Cost: \$2,000 excluding travel to Lima. The fee includes lodging, all meals, travel between sites, and entrance fees. Lodging may include some stays with host families in Cusco.

A deposit of \$500 is due by March 2, and the balance is due March 30. No refunds will be given after March 30.

The program is open to Notre Dame architecture students at all levels. Notre Dame course credit will be available. The program is subject to cancellation if enrollment is insufficient.

For more information contact Brian Flaherty, (574) 631-9033.

Architecture and Drawing in Tuscany, July 25–Aug. 14

The School of Architecture has partnered with the Tuscan Classical Academy to present a 21-day summer program intended to introduce students and professionals to the rich architectural history of Florence and Tuscany. The program is for:

—Professionals and nonprofessionals seeking a summer opportunity to draw, paint, and be inspired by the beauty of Tuscany, as well as receiving continuing education credits, if desired.

—Professionals and nonprofessionals seeking a shorter intensive program on either Renaissance urbanism or the Tuscan landscape.

—Rising high-school seniors seeking college-like courses in painting or architecture.

—Art and architecture college students seeking summer-school college credits.

For more information, visit tuscanclassicalacademy.org or contact Lynn Aeschliman of the Tuscan Classical Academy.

COLLEGE OF ARTS AND LETTERS, LONDON SUMMER PROGRAMME

Director:

T.R. Swartz, Ph.D.

Tel.: (574) 631-7737

2009 Program Dates: May 13–June 14

Dates: Annually the program runs 32 days from mid-May until mid-June. Participants leave on the Wednesday evening of “Senior Week,” the week following spring term examinations. Participants will generally return to the States the Sunday before summer school begins in South Bend, which often 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 May/June of 2001. It immediately proved to be a popular opportunity for Notre Dame undergraduates to study abroad and filled to capacity the first year it was offered. Sixty participants representing four of our undergraduate colleges took part in the first edition of the LSP. Perhaps because those who participated in 2001 were so positive about their experiences, the May/June 2002 Programme filled to capacity by mid-October 2001. This was well before the official electronic deadline for applications. This application pattern has continued and has allowed the Programme to extend this opportunity to approximately 90 Notre Dame undergraduates annually.

Many changes have been introduced over the past eight years. No change is more important than the introduction of four courses that include an intensive travel/study experience outside of the U.K. Our concert course participants travel to Paris to attend concerts in “two cities”: Our modern British history course spends time walking the WWII battlefields and exploring the museums of Normandy; the Dutch Painters course follows the painters to their homes in Amsterdam; and the conflict resolution course travels to Belfast, Northern Ireland to confront the participants of 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 block of flats has a rector in residence. These are professional rectors with many years of experience working with undergraduate students. 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 2009 will accommodate approximately 80–90 participants, are taught by many of the same British faculty that participates in the regular academic year program.

Course of Study: Participants earn six credit hours. Many of the courses that are offered fulfill one or more University/college requirements. There are a number of three-credit-hour courses from which to select. In the May/June 2009 program, these are likely to include three-credit-hour courses in anthropology/science, English literature, history, art history, Philosophy, political science/peace studies/sociology, and two courses in film, theater and television, one of them combining all aspects of FTT. Additionally, a 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 fine art 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, Amsterdam, or to a fifth location that is currently under consideration.

Some participants enroll in one of the 2-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 intensive study/travel 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, and for 2008 it rose to \$7,900. The good news is that the dollar is strengthening against the British Pound Sterling. Given a stronger dollar, we are able to REDUCE the Programme fee to \$7,500 for 2009, which is \$400 less than 2008! Additionally, the fee will cover \$50 worth

of health insurance. Applicants also will 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 March billing cycle.

These fees cover all transportation costs: international air travel from our gateway city of New York; transfers from Heathrow Airport to residence facilities and return for those on the group flights; ground transportation in London (tube/bus passes are provided); and midterm course travel to Amsterdam, Paris, Normandy, Belfast, or our new intensive study/travel location. 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 program are regularly enrolled Notre Dame undergraduates. In the 2008 edition of the program, approximately 63 percent of our participants were rising juniors, and the remaining participants were rising seniors and rising sophomores. 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. Hardcopy applications and online application are accepted year-round. Please note that there are no expectations that spots will still be available after the 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 2010 Programme, the deadline is early April 2009. 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 program so that they can better plan their academic program 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. (In August 2008, about one-quarter of the participants have already been admitted to the May/June program of 2009.)

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.

2009 Program Dates:

April 2009 Early Admission deadline 2010

May 13, 2009 Depart for London

June 14, 2009 Return from London

Program Administration: This program 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. or from the London Summer Programme website address: nd.edu/~sumlon. They can also be obtained by contacting Liz Reagan at Reagan.9@nd.edu (574) 631-0622. Fax: (574) 631-6744.

The Director/Professor Emeritus is Thomas R. Swartz, of the Department of Economics and Policy Studies. His office is 305 Brownson Hall, and he can be contacted by phone at (269) 445-5104 (home) or by email at swartz.1@nd.edu.

COURSES OF STUDY

(The following 1- and 1-credit AL courses can be bundled to create 3-credit units that can be used as general electives. These 3-credit units, taken individually, 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

F 5/15 and 22 12:45–4:00

R 12:45–4:00 and W 5/27 to Su 5/31 travel to Amsterdam

CRN 3187

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. 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
F 5/15 and 5/22 12:45–4:00, R 12:45–4:00
and W 5/27 to Su 5/31 travel to Paris

CRN 3188

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 dissemination 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:

Obtain recordings and familiarise yourself with:
(a) Sergey Prokofiev's *Symphonie classique* and
(b) Edward Elgar's *Cello Concerto*

These are two important 20th-century works we will hear in concert in Paris and London, respectively, and are set works for study during the course.

Undertake initial research into the composers' lives and make notes about your responses (emotional and/or other) to the two works. Also consider comparisons: e.g. do the two works affect you in different ways? Are there similarities?

AL 34103. Shakespeare in Performance

2 credits Michael Hattaway/Boika Sokalova
(May be taken as part of FTT 24014 or 24015)
M 12:45–4:00, W 4:15–6:30, R 6/4 and 6/11
9:15–noon

CRN 3189

Shakespeare in Performance is a course that draws upon the theatrical resources of London and Stratford. It is designed as a page-to-stage exercise, where the discussion of texts in class is linked to live performance. The syllabus will cover three/four plays depending on the theatre bill. Since performance is inscribed in the cultural climate of a particular place and time, discussion will consider how Shakespeare is made to “mean” to modern audiences and how the modern stage negotiates between past and present.

Apart from class work and theatre performances, the learning experience includes a visit to the replica of the Globe playhouse (Shakespeare's Globe) and a one-day trip to Stratford-upon-Avon with a tour of the town and a performance at the Royal Shakespeare Company's theatre.

The course will also feature talks by distinguished visiting scholars, thus exposing students to different points of view, critical approaches and opinion. *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
F 5/15 and 5/22 12:45–4:00, R 12:45–4:00
CRN 3190

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
F 5/15 and 5/22 12:45–4:00, R 12:45–4:00
CRN 3191

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:

Obtain recordings and familiarise yourself with:
(a) Sergey Prokofiev's *Symphonie classique* and
(b) Edward Elgar's *Cello Concerto*

These are two important 20th-century works we will hear in concert in Paris and London respectively and are set works for study during the course.

Undertake initial research into the composers' lives and make notes about your responses (emotional and/or other) to the two works. Also consider comparisons: e.g. do the two works affect you in different ways? Are there similarities?

The following course is offered as one of the London Summer Programme's special one-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." The 3-credit course fulfils the University fine arts requirement.

AL 34106. The BBC: The Voice of the Nation

1 credit Christopher Cook
May be taken as part of FTT 24012 or 24013
W 9:15–noon and R 6/11 only 4:15–6:30
CRN 3192

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 market place by an act of political will, the BBC proceeded to invent its own version of Public Service Broadcasting "to inform, educate and entertain." And 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 U.K. 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, and 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, and these books along with some others are all available in the centre. I am always happy to suggest other reading material, and where appropriate, there will be 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)

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 entitled "An Introduction to Film, Television, and Theatre in Britain." The 3-credit course fulfils the university fine arts requirement.

AL 34107. The Quiet Englishman: Acting the Hero in British Cinema

1 credit Christopher Cook
(May be taken as part of FTT 24012 or 24013)
M 5/18 and 6/1 12:45–4:00
W 6/3 and 6/10 4:15–6:30
CRN 3193

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 that 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 to 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 along with some others are all available here in the centre. I am always happy to suggest other reading material, and where appropriate, there will be 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)

Christoph Lindner (ed.)—*The James Bond Phenomenon: A Critical Reader*

Richards, J. & A. Aldgate—*Best of British* (Oxford: Basil Blackwell, 1983)

Walker, A.—*National Heroes*. (London: Harrap, 1986)

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." The 2-credit course fulfils the University fine arts requirement.

AL 34108. British Theatre: The London Scene

1 credit Christopher Cook

(May be taken as part of FTT 24012 or 24014)

F 5/22 9:15–2:00

W 12:45–4:00

CRN 3194

London has been described as the theatre capital of the world, home to a unique blend of privately and publicly funded theatre that midwifed new dramatic writing and nurtured 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 such as 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, there will be 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 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." The 2-credit course fulfils the University fine arts requirement.

AL 34109. New British Theatre: Off Shaftsbury Avenue

1 credit Christopher Cook

(May be taken as part of FTT 24013 or 24015)

F 5/15 and 5/22 4:15–6:30

M 4:15–6:30

CRN 3195

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 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, there will be 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 U.K.

3 credits Cornelius O'Boyle

(Cross-listed with SCPP44497 and STV 34166)

F 5/15 and 5/22 9:15–noon

MTR 9:15–noon

W 12:45–4:00

CRN 2952

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. After a detailed analysis of the modern structure of the NHS, the course concentrates upon 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. 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)
Atul Gawande—*Complications: A Surgeon's Notes on an Imperfect Science* (Picador Books, 2003).

ANTH 44338. Ethnic Conflict Resolution in Ireland and Northern Ireland

3 credits Brendan O'Duffy

(Cross-listed with IRST 44413/IIPS 44501/POL SCI 34424)

F 5/15 and 5/22 12:45–4:00

TR 12:45–4:00

W 5/27 to Su 5/31 to Northern Ireland

CRN 2967

This course has not yet been updated for 2009; it may have slight revisions

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 be comprised of 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, David and McVea, David, *Making Sense of the Troubles*

Other useful texts:

Brendan O'Leary and John McGarry—*The Politics of Antagonism: Understanding Northern Ireland* 2nd Edition (Athlone Press, 1996)

McGarry, John and Brendan O'Leary—*Explaining Northern Ireland: Broken Images* (Oxford: Blackwell, 1995).

J. Ruane and J. Todd—*The Dynamics of Conflict in Northern Ireland*, 2nd Edition (Cambridge: CUP, 2001)

Whyte, John—*Interpreting Northern Ireland* (Oxford: University Press, 1990)

Bew, Paul; Gibbon, Peter; and Patterson, Henry—*Northern Ireland 1921–1996: Political Forces and Social Classes* (London : Serif, 1996)
Buckland, Patrick—*A History of Northern Ireland* (Gill and Macmillan, 1981)

Mansergh, Nicholas—*The Irish Question, 1840–1921* (Allen and Unwin, 1976)

Mansergh, Nicholas—*The Unresolved Question: The Anglo-Irish Settlement and Its Undoing, 1912–1972* (Yale, 1991)

Kee, Robert—*The Green Flag* Three Volumes (Weidenfeld and Nicholson, 1972)

O'Sullivan, Katherine—*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, Sabine—*Northern Ireland Since 1945* (London: Longman, 1998)

ARHI 24351. Art of the Netherlands in the Seventeenth Century

3 credits Giles Waterfield

F 5/16 and 5/23 12:45–4:00

TR 12:45–4:00 and

W 5/27 to Su 5/31 to Amsterdam

CRN 3184

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.

The course is offered as a 3-credit hour course that fulfills the University fine arts requirement.

ENGL 44750. Voice of the People: England's Lawrence, Spain's Lorca, America's Hughes

3 credits Stephen Fredman

Friday 5/15 and 22 12:45–4:00

TR 12:45–4:00

and W 5/27 to Su 5/31 to Spain

CRN 3758

Will fulfill University literature requirement as well as English major requirement

This course examines works by an interrelated trio of writers, D.H. Lawrence (1885–1930), Federico García Lorca (1898–1936), and Langston Hughes (1902–67), all profoundly influenced by the populist poetry of Walt Whitman. These three writers draw deeply from archaic and folk traditions to offer working-class solutions to the inhumane aspects of modern capitalism. Lawrence probes modern psychology and primitive cultures, looking for a social order that would recognize both the erotic and the spiritual yearnings repressed in the modern world. Lorca turns to the folk Catholicism, the gypsies, and the Moorish remnants of Spain in search of what he calls “deep song,” finding it not only in Spain but also in Harlem of the 1930s. Hughes probes African American folk culture, blues, and jazz, attempting to, as Whitman proposed, “sing America” for his own people. In many ways, Lorca, whom he translated, was his example for bringing the voices of the people into the realm of high art.

The class will fly to and from Seville and also visit Granada (via fast train). Andalusia is the region of Spain that Lorca writes about, and it abounds in cultural riches. In Seville, we will visit the great cathedral and the Alcazar palace. In the evening, we will hear and see authentic flamenco performed by a gypsy family. In Granada, we will visit Lorca's family home, which is now a museum. To understand more deeply the Moorish heritage of Spain, we will tour the Alhambra, the most complete and beautiful medieval Islamic palace still extant, and we will explore the accompanying urban enclave from that period, the Albayzin, also a World Heritage Site.

ENGL 44515. London Writers

3 credits Gill Gregory

F 5/15 and 5/22 9:15–noon

MTR 9:15–noon

W 12:45–4:00

CRN 3185

This course considers works by a wide range of London writers from the late 19th century to date. The texts studied include novels, short stories, drama, and poetry, which we will explore by reference to cultural, historical, and

literary contexts. The ways in which London figures in these texts as a dynamic hub of ideas, stories, and histories are explored throughout the course. We will also consider the extent to which writers respond to, imagine and critique the cultural milieu and preoccupations of a given period. Topics under discussion will include Charles Dickens's mapping of the city, the New Woman, the "collisions" between social classes in the Edwardian period, the city as machine, the Modernist "street haunting" aesthetic, war and "shellshock," post-9/11 anxieties, multi-ethnic identities, migration and the "nocturnal city." There will be class visits to Tate Britain and the National Portrait Gallery, both of which galleries are close by the college. We will also make short trips to relevant locations such as St. James's Park, Covent Garden, and the South Bank arts complex. Classes will take the form of short lectures and discussions.

SET TEXTS

Arthur Conan Doyle—*The Adventures of Sherlock Holmes*

Sukhdev Sandhu—*Night Haunts* (extracts—photocopies provided)

G.B. Shaw—*Pygmalion*

E.M. Forster—"The Machine Stops"

Virginia Woolf—*Mrs. Dalloway*

Ian McEwan—*Saturday*

Meera Syal—*Life Isn't All Ha Ha Hee Hee*

Benson et al, *New Poems on the Underground*

Pre-course assignment: Please read George Bernard Shaw's *Pygmalion* (My Fair Lady was the musical and film adaptation of the play) 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 speech.

Course assignments include a short critical commentary, an assignment relating to a course visit, presentations. and a research paper.

The following fine art course, which bundles together three 1-credit courses, will fulfill the University fine arts requirement.

FTT 24012 An Introduction to FTT in London with British Theatre the London Scene

3 credits Christopher Cook

CRN 3197

(1) THE QUIET ENGLISHMAN: ACTING THE HERO IN BRITISH CINEMA

M 5/18 and 6/1 12:45–4:00

W 6/3 and 6/10 4:15–6:30

1 credit

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 that 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 to 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 along with some others are all available here in the centre. I am always happy to suggest other reading material, and where appropriate, there will be 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)

Christoph Lindner (ed.)—*The James Bond Phenomenon: A Critical Reader*

Richards, J. & A. Aldgate—*Best of British* (Oxford: Basil Blackwell, 1983)

Walker, A.—*National Heroes* (London: Harrap, 1986)

WITH

(2) THE BBC: THE VOICE OF THE NATION
Christopher Cook

W 9:15–noon and R 6/11 only 4:15–6:30
1 credit

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 market place by an act of political will, the BBC proceeded to invent its own version of Public Service Broadcasting "to inform, educate and entertain." And 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 U.K. 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, and 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, and these books along with some others are all available in the Centre. I am always happy to suggest other reading material, and where appropriate, there will be 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

3) BRITISH THEATRE: THE LONDON SCENE
Christopher Cook

F 5/22 9:15–noon

W 12:45–4:00

1 credit

London has been described as the theatre capital of the world, home to a unique blend of privately and publicly funded theatre that midwifed new dramatic writing and nurtured 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 such as 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, there will be 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 fine art course, which bundles together three 1-credit courses will fulfill the University fine arts requirement.

FTT 24013. An Introduction to FTT: Theatre in London/New Theatre Off Shaftsbury Ave

3 credits

CRN 3196

(1) THE QUIET ENGLISHMAN: ACTING THE HERO IN BRITISH CINEMA

Christopher Cook

M 5/18 and 6/1 12:45–4:00

W 6/3 and 6/10 4:15–6:30

1 credit

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 that 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 to 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 along with some others are all available here in the centre. I am always happy to suggest other reading material, and where appropriate, there will be 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)

Christoph Lindner (ed.)—*The James Bond Phenomenon: A Critical Reader*

Richards, J. & A. Aldgate—*Best of British* (Oxford: Basil Blackwell, 1983)

Walker, A.—*National Heroes* (London: Harrap, 1986)

WITH

(2) THE BBC: THE VOICE OF THE NATION

Christopher Cook

W 9:15–noon and R 6/11 only 4:15–6:30

1 credit

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 market place by an act of political will, the BBC

proceeded to invent its own version of Public Service Broadcasting "to inform, educate and entertain." And 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 U.K. 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, and 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, and these books along with some others are all available in the Centre. I am always happy to suggest other reading material, and where appropriate, there will be 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

(3) BRITISH THEATRE: THE LONDON SCENE

Christopher Cook

F 5/22 9:15–noon

W 12:45–4:00

1 credit

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 such as that at the Gielgud Theatre and one of the most adventurous smaller theatres in the heart of London, the Donmar Warehouse.

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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, there will be 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- and 2-credit courses are bundled together to create a 3-credit course that will fulfill the University fine arts requirement.

FTT 24014. Theatre on the London Stage: Shakespeare and British Theatre the London Scene

3 credits

CRN 3198

(1) SHAKESPEARE IN PERFORMANCE

Michael Hattaway/Boika Sokolova

M 12:45–4:00

W 4:15–6:30

R 6/4 and 6/11 9:15–noon

2 credits

See description for AL 34103.

AND

(2) BRITISH THEATRE: THE LONDON SCENE

Christopher Cook

F 5/22 9:15–noon

W 12:45–4:00

1 credit

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 such as 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, there will be 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- and 2-credit courses are bundled together to create a 3-credit course that will fulfill the University fine arts requirement:

4) FTT 24015. Theatre on the London Stage: Shakespeare and New Theatre On and Off Shaftsbury Ave

3 credits

CRN 3213

(1) SHAKESPEARE IN PERFORMANCE

Michael Hattaway/Boika Sokolova

M 12:45–4:00

W 4:15–6:30

R 6/4 and 6/11 9:15–noon

See description for AL 34103

AND

(2) NEW BRITISH THEATRE: OFF SHAFTSBURY AVENUE

Christopher Cook

F 5/15 and 5/22 2007 4:15–6:30

M 4:15–6:30

(1 credit)

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 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, there will be 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 1900–1990

3 credits Keith Surridge

F 5/15 and 5/22 12:45–4:00

TR 12:45–4:00 and W 5/27 to Su 5/31 to Normandy

CRN 2976

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. This course counts as a University history requirement as well as a major requirement.

Main course book: Trevor Lloyd—*Empire, Welfare State, Europe: English History 1906–1992*

Complementary course books: Stephen Ambrose—*D-Day*
Paul Johnson (ed.)—*Twentieth-Century Britain. Economic, Social and Cultural Change*
L. Butler & H. Jones—*Britain in the Twentieth Century*, vols. 1 and 2. Documentary Readers.

A book review will be completed by the student before arriving in Britain and will be handed in at the first class.

BASIC COURSE OUTLINE

Main topic areas:

- Introduction: and the Edwardian crisis (1901–14)
- World War One
- British politics and society between the wars
- World War Two: The Battle of Britain/ Normandy landings
- World War Two: Britain at War
- Post-war British society
- The rise and fall of Mrs. Thatcher

Course evaluation: the final grade will be based on one book review (15 percent); a midterm test (15 percent); a test on the Normandy trip (30 percent); a final examination (35 percent); and 5 percent based on attendance, punctuality, and participation. I am quite willing to answer any questions relating to the book review before students arrive in Britain. My email address is ksurridg@nd.edu.

IRST 44413. Ethnic Conflict Resolution in Ireland and Northern Ireland

3 credits Brendan O'Duffy
(Cross-listed with ANTH 44338/IIPS 44501/POL SCI 34424)
F 5/15 and 5/22 12:45–4:00
TR 12:45–4:00
and
W 5/27 to Su 5/31 to Northern Ireland
CRN 2966

This course has not yet been updated for 2009; it may have slight revisions

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 be comprised of 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, David and McVea, David, *Making Sense of the Troubles*

Other useful texts:

Brendan O'Leary and John McGarry—*The Politics of Antagonism: Understanding Northern Ireland* 2nd Edition (Athlone Press, 1996)
McGarry, John and Brendan O'Leary—*Explaining Northern Ireland: Broken Images* (Oxford: Blackwell, 1995).
J. Ruane and J. Todd—*The Dynamics of Conflict in Northern Ireland*, 2nd Edition (Cambridge: CUP, 2001)
Whyte, John—*Interpreting Northern Ireland* (Oxford: University Press, 1990)
Bew, Paul; Gibbon, Peter; and Patterson, Henry—*Northern Ireland 1921–1996: Political Forces and Social Classes* (London: Serif, 1996)
Buckland, Patrick—*A History of Northern Ireland* (Gill and Macmillan, 1981)
Mansergh, Nicholas—*The Irish Question, 1840–1921* (Allen and Unwin, 1976)
Mansergh, Nicholas—*The Unresolved Question: The Anglo-Irish Settlement and Its Undoing, 1912–1972* (Yale, 1991)
Kee, Robert—*The Green Flag* Three Volumes (Weidenfeld and Nicholson, 1972)
O'Sullivan, Katherine—*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, Sabine—*Northern Ireland Since 1945* (London: Longman, 1998)

MUS 14902. The Concert Life of Two Cities

3 credits Avril Anderson, David Sutton-Anderson
F 5/15 and 5/22 12:45–4:00
TR 12:45–4:00 and
W 5/27 to Su 5/31 travel to Paris

CRN 3186

The course fulfills the university Fine Arts requirement.

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 dissemination 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:

Obtain recordings and familiarise yourself with:

- (a) Sergey Prokofiev's *Symphonie classique* and
- (b) Edward Elgar's *Cello Concerto*

These are two important 20th-century works we will hear in concert in Paris and London, respectively, and are set works for study during the course.

Undertake initial research into the composers' lives and make notes about your responses (emotional and/or other) to the two works. Also consider comparisons: e.g. do the two works affect you in different ways? Are there similarities?

IIPS 44501. Ethnic Conflict Resolution in Ireland and Northern Ireland

3 credits Brendan O'Duffy
(Cross-listed with IRST 44413/ANTH 44338/POL SCI 34424)

F 5/15 and 5/22 12:45–4:00

TR 12:45–4:00 and

W 5/27 to Su 5/31 to Northern Ireland

CRN 2964

This course has not yet been updated for 2009; it may have slight revisions

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 be comprised of 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, David and McVea, David, *Making Sense of the Troubles*

Other useful texts:

Brendan O'Leary and John McGarry—*The Politics of Antagonism: Understanding Northern Ireland* 2nd Edition (Athlone Press, 1996)

McGarry, John and Brendan O'Leary—*Explaining Northern Ireland: Broken Images* (Oxford: Blackwell, 1995).

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Buckland, Patrick—*A History of Northern Ireland* (Gill and Macmillan, 1981)

Mansergh, Nicholas—*The Irish Question, 1840–1921* (Allen and Unwin, 1976)

Mansergh, Nicholas—*The Unresolved Question:*

The Anglo-Irish Settlement and Its Undoing, 1912–1972 (Yale, 1991)

Kee, Robert—*The Green Flag* Three Volumes (Weidenfeld and Nicholson, 1972)

O'Sullivan, Katherine—*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, Sabine—*Northern Ireland Since 1945* (London: Longman, 1998)

PHIL 24215. Philosophy in Love

3 credits David O'Connor

F 5/15 and 5/22 9:15–noon

MTR. 9:15–noon

Wed 12:45–4:00

CRN 3815

This course seeks to integrate the insights of philosophy, literature, and the arts on a topic central to all three, the nature of love. Plato's two great dialogues on love, the *Symposium* and *Phaedrus*, provide the philosophical basis for the course. Works of imagination are chosen to exploit the culture of London, and typically include a Shakespeare play, an English novel, Romantic poetry, and contemporary movies or other performances, such as opera. The course will also direct students to works of art accessible in London that are relevant to the course themes.

The pre-read will be Jane Austen's *Pride and Prejudice*, and there will be a test on it at the beginning of our first session in London. I do not plan to have an assignment, however, for the pre-programme meeting I'll have with the students stateside. I hope to have them to my home to meet my wife and daughters, who are old London hands and will be joining me at the beginning of June. I'll introduce the themes of the course and make clear my expectations for student work in the programme.

POLS 34424. Ethnic Conflict Resolution

3 credits Brendan O'Duffy

In Ireland and Northern Ireland

(Cross-listed with IRST44413/ ANTH 44338 / IIPS 44501)

F 5/15 and 5/22 12:45–4:00

TR 12:45–4:00

and W 5/27 to Su 5/31 to Northern Ireland

CRN 2965

This course has not yet been updated for 2009; it may have slight revisions

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 be comprised of 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, David and McVea, David, *Making Sense of the Troubles*

Other useful texts:

Brendan O'Leary and John McGarry—*The Politics of Antagonism: Understanding Northern Ireland* 2nd Edition (Athlone Press, 1996)

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Buckland, Patrick—*A History of Northern Ireland* (Gill and Macmillan, 1981)

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Keogh, D. and Haltzel, M. (eds.)—*Northern Ireland and the Politics of Reconciliation* (Cambridge UP, 1994)

Wichert, Sabine—*Northern Ireland Since 1945* (London: Longman, 1998)

SCPP 44497. Medical Practice and Policy U.K.

3 credits Cornelius O'Boyle
 (Cross-listed with STV 34166 and ANTH 34720)
 F 5/15 and 5/22 9:15–noon
 MTR 9:15–noon
 W 12:45–4:00

CRN 3514

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. After a detailed analysis of the modern structure of the NHS, the course concentrates upon 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. 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)
 Atul Gawande—*Complications: A Surgeon's Notes on an Imperfect Science* (Picador Books, 2003).

STV 34166. Medical Practice and Policy U.K.

3 credits Cornelius O'Boyle
 (Cross-listed with ANTH 34720 and SCPP 44497)
CRN 3515
 F 5/15 and 5/22 9:15–noon
 MTR 9:15–noon
 W 12:45–4:00

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. After a detailed analysis of the modern structure of the NHS, the course concentrates upon 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. 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)
 Atul Gawande—*Complications: A Surgeon's Notes on an Imperfect Science* (Picador Books, 2003).

COLLEGE OF ENGINEERING, ALCOY PROGRAM

Director:

John Brauer

On-Site Director:

Steven Schmid

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 17–June 26) 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 Alhambra in Granada and Barcelona, are included in the program. Specific projects visited will vary from year to year.

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

Cost. The cost of the program is \$6,000. 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, Schmid
 5/17–6/26

CRN 3516; ID # EG 34440 01

Last "add" date: 5/20

"Drop" dates: refund, 5/25; last, 6/7

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, Schmid
 5/17–6/26

CRN 3517; ID # EG 44175 01

Last "add" date: 5/20

"Drop" dates: refund, 5/25; last, 6/7

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

Director:

John M. Brauer

On-Site Directors:

Robert Nelson, Stephen Batill

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 21–July 31) will consist of two 3-credit courses. Students register in the University of Notre Dame summer session for CBE 44498, Energy and Climate, and AME 54591, Failure and Risk in Engineering. 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 \$6,000. 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 44498. Energy and Climate—London

3 credits, Brennecke

6/21–7/31

CRN 3785; ID # CBE 44498 01

Last "add" date: 6/24

"Drop" dates: refund, 6/29; last, 7/12

The goals of this course are that the student will be able to

- understand the magnitude of world energy needs
- quantify the link between energy use and climate
- analyze power cycles and calculate efficiencies
- identify pros, cons, and challenges of non-CO₂-producing energy sources
- learn the science underlying the fundamental factors that control the climate
- develop an understanding of the techniques used for research on climate change
- gain a level of familiarity with the climate change literature
- develop a personal view of global warming and understand what could be done to reduce the extent.

AME 54591. Failure and Risk in Engineering Systems—London

3 credits, Nelson, Batill (10-0-3)

6/21–7/31

CRN 3786; ID # AME 54591 01

Last "add" date: 6/24

"Drop" dates: refund, 6/29; last, 7/12

This course will be presented in two parts. The first part will address a variety of *technical* aspects related to risk and failure in engineering. The second part will build upon these topics and focus on a number of *ethical and legal* aspects related to these issues. The first half of the course will be represented by Robert Nelson, and the second by Stephen Batill.

Course grade will be assigned based on performance in both parts. Each of the two sections of the course will contribute 50 percent to the final course grade. The second part of the course grade will be based on student group discussions (20 percent) and final exam covering part II only (30 percent).

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 2009 Summer Session. The Office of International Studies (OIS) will sponsor programs in Vienna, Austria; Paris, France; Dublin, Ireland; Taipei, Republic of China (Taiwan); Cape Town, South Africa; Toledo, Spain; Kampala, Uganda; London, United Kingdom; and Jerusalem. The application deadline for these programs is March 1, 2009, with the exception of Kampala, London, and Jerusalem. Please check the OIS website for more information on the application deadlines and program specific questions—nd.edu/~ois/Locations/Locations.html.

Office of International Studies

Students from all colleges are invited to participate in international study programs. Students must complete the on-line application, available at nd.edu/~ois, and have a minimum GPA of 2.5 to be eligible for the programs. Students will earn Notre Dame credit while participating in these programs and can also complete academic requirements. The price will vary by program. For further information regarding any of the programs, please see the OIS website at nd.edu/~ois/Locations/Locations.html or contact Sarah Baer, at 153 Hurley Building, or by emailing sbaer@nd.edu.

Vienna, Austria

Students will enroll in two courses during the six-week program (May 22–July 3) to earn 6 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 \$7,300. This fee includes tuition, housing, local transportation, field trips, and cultural activities. Participants will make their own flight and meal arrangements.

GE 34850. German History through Literature: 800–1806

Parallel to studying the history of the Holy Roman Empire from its beginnings under Charlemagne in 800 A.D. to its demise under Napoleon in 1806 A.D., 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. The course is also cross-listed with History (as HIST 34320) and will count toward the History major (in ancient/medieval Europe). 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

Continuation of an introductory course of the spoken and written language. Aims at the acquisition of basic structures, vocabulary, and sound systems. Prerequisite: GE 10101 or equivalent.

GE 24201. Intermediate German I

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. Prerequisite: GE 10102 or equivalent.

GE 34305. Advanced German**GE 34305. Special Studies**

For the student at an advanced level of German, Advance 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.

Paris, France

The five-week program (May 25–June 25) offers two courses, worth 3 credits each. Students will enroll in both courses through the University of Notre Dame's Summer Session. Alison Rice, assistant professor of Romance Languages and Literatures, will teach Postcolonial Paris. Students will also enroll in a history course, taught in English by a French professor.

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 \$7,000. This fee includes tuition, housing, local transportation, field trips, cultural activities, and guest lectures. Participants will be responsible for their own flight arrangements.

ROLL 34950. Postcolonial Paris: Contemporary French Cultures in Literature and the Arts

The course concentrates on the ways contemporary "French" cultures are reconsidered and redefined by writers and artists from outside France. The course materials include novels by immigrants and second-generation immigrants, critical articles and book chapters by contemporary scholars and politicians, as well as films. We seek to closely "read" the city not only in textual form, but also in its current reconfigurations, as we take to the street and other public spaces to observe the present aspect of the city for ourselves. Dialogue with Parisians we meet, in addition to exchanges with invited speakers, are intended to contribute to a well-rounded experience that allows students to benefit from the opportunities for interaction that Paris affords.

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 towards the modern Europe or Ancient/Medieval European requirement.

Dublin, Ireland

Students will take two 3-credit courses during the six-week program in Dublin, June 4–July 18. Sean O'Brien, Assistant Director of the Keough-Naughton Institute for Irish Studies, will teach Migration and Identity in the New Ireland. Students will also enroll in a Sociology course.

Students will live in furnished apartments with other program participants in an area called Sandyford, about a 25 minute commute to the city center. The apartments are nicely furnished and have kitchens, so students will be responsible for their own meals. Internet, cleaning, linens, and towels are provided at the apartments. Students will receive a transportation pass to get around Dublin for the duration of the program.

The cost of the program will be approximately \$10,500. This fee includes tuition, housing, local transportation, cultural activities, and guest lectures. Participants will make their own flight arrangements and will be responsible for their own meals in Dublin.

IRST 34109. Migration and Identity in the New Ireland

In less than two decades, the Republic of Ireland has shifted from a relatively poor country with a high level of national, racial, and ethnic homogeneity to a country with the world's fourth highest per capita income experiencing an exponential expansion of cultural diversity. One of the expressions used to describe this shift is "New Ireland," and this course will discuss the cultural dimensions of this term. We will examine selections from contemporary Irish literature and film that contribute to this analysis and contextualize our discussions with legal, political, and economic approaches to Irish social issues. This course will count towards the Irish Studies minor.

A sociology course will also be developed for the summer program, focusing on contemporary Ireland. This course will be reviewed by the sociology department.

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 24 to Aug. 21. 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 12 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 Notre Dame GPA.

Notre Dame 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 pre-departure orientation.

Cape Town, South Africa

During the six-week program (June 1– July 10) students enroll in two courses, worth 3 credits each. Anré Venter, Director of Undergraduate Studies for the Department of Psychology, will teach *Negative Attitudes: A Cultural, Historical, and Social Psychological Analysis of Racism in South Africa*. Students will also enroll in an IES course, *Social and Economic Development in South Africa*.

Students will be exposed to different areas in and near Cape Town as part of Professor Venter's course. Students will visit Robben Island, where Nelson Mandela and other political prisoners spent decades imprisoned during the apartheid era, as well as the District Six Museum, which serves as a remembrance to the events of the apartheid era. The program will also include weekly township/school/community visits to give you a first-hand experience with the culture and people you are studying.

Students will live together in houses with other program participants. All students will have their own bedroom and share kitchen and laundry facilities. Students will be responsible for providing all of their own meals. The housing is about a 15–20 minute walk to the University of Cape Town (UCT) campus.

The cost of the program is \$5,325. This fee includes tuition, housing, field trips, cultural activities, and guest lectures. Participants will make their own flight arrangements and will be responsible for their own meals.

PSY 34631. *Negative Attitudes: A Cultural, Historical, and Social Psychological Analysis of Racism in South Africa*

This course provides a basic overview of the social psychological principles that describe and explain the development and functions of attitudes (beliefs-stereotypes, feelings-prejudice, and behavior-discrimination) and how these influence relationships—on an individual and group basis. These social psychological principles will then be used to analyze the development of and institutionalization of racism within the cultural-historical context of South Africa—one that is defined by intergroup conflict between the English and Afrikaans cultural groups, the tribal conflicts among the African tribes, as well as the black-white apartheid conflict. This portion of the course contextualizes the psychological in the historical-cultural-economic context. Finally, the course culminates in reading and discussing the words and life of Nelson Mandela whose response to institutionalized racism that oppressed his people and resulted in his incarceration for 27 years was one of reconciliation. Questions dealing with appropriate responses to negative attitudes as well as programs or policies to change existing negative attitudes or prevent the development their future development will be discussed. This course will count as a 30000-level course for psychology majors or as a college social science requirement for arts and letters majors. It will likely be cross-listed with sociology and Africana Studies.

(Department to be determined). *Social and Economic Development in South Africa*

This course provides an understanding of the historical evolution and transformation of the South African social welfare system from one of the past that was fragmented, racist, disempowering and exclusive, to the one that is developmental, participatory, empowering, just and inclusive. It will likely be cross-listed with Sociology and Africana Studies.

Toledo, Spain

Summer participants will enroll in two courses each worth 3 credits. All students must have completed four semesters of Spanish, or the equivalent. All students will enroll in *Exploring and Sharing Spanish Culture through Digital Technology*, with Notre Dame's Chris Clark. Students will select a second course taught at the Fundacion Ortega y Gasset, in various disciplines (Spanish literature, grammar, history, art history, anthropology, etc.), many of which have been preapproved to fulfill requirements.

The Summer Toledo program dates are June 15–July 27.

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 mudéjar architecture with its peaceful inner courtyard and arched balconies.

The Summer 2009 Toledo tuition and fees will be 3,764 euros (which will be paid in dollars based on the exchange rate at the time of the invoice). Additionally all students will pay a \$500 Notre Dame administrative fee. Costs include 6 Notre Dame credits, full room and board, and site visits in Toledo. Interested students may opt to live with a host family for an additional fee of 586 euros (this option also includes a bus pass). Airfare between the United States and Spain is not included.

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

Director:

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

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

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

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 APOCALYPSE AND UTOPIA

Dates: June 15–July 3

The year 2009 marks the 20th anniversary of the fall of the Berlin Wall in 1989, presaging the collapse of Soviet Communism. An epochal moment in modern history, this event elevated capitalism into unrivalled global command, suddenly freed of a serious “modern” global competitor-ideology on the scale of historical communism. Against the backdrop of a digital and information revolution that accelerated cultural and economic globalizations, this novel situation encouraged post-historical exhilaration, most vividly expressed in Francis Fukuyama’s *The End of History?* in which he argued that liberal capitalism had decisively vanquished all rival ideologies and thus represented the final end-point of political evolution.

However, two decades later, and especially in the aftermath of 9/11, the endlist imagination has assumed an apocalyptic turn as Western liberalism and capitalism wrestle with systemic crises. These include climate change and environmental degradation, a “clash of civilizations” between “Islamic *jihādism*” and “the West,” a fiscal convulsion infecting the principal instruments of global finance, and a fundamental restructuring of the world system represented by the “rise of Asia.” While liberal capitalism inherited the earth after 1989, and while it lacks a serious global competitor-system, its ability to redress or resolve these crises remains far from apparent.

The political imagination of modern Irish culture was never a stranger to rhetorics of utopia and apocalypse. The calamitous history of the long 19th century—the long, drawn out breakdown of Gaelic culture, the bloodletting of 1798, the devastation of the Great Famine, the violent class struggles of the Land Wars, the repeated collisions of nationalism and unionism that eventually issued in partition—fed catastrophist

versions of history in modern Irish Catholic and Protestant cultures alike. Across much of the 20th century, Irish society seemed too poor, backward, and conservative to nurture the utopian imagination, except in savagely dystopian versions: the period between Yeats and Beckett experienced an efflorescence of literary and cultural production steeped in a sense of historical catastrophe, cultural exhaustion, and linguistic collapse.

Later, in the 1990s, as the island experienced the unprecedented prosperity of the “Celtic Tiger” and the sense of a welcome release from a baleful history represented by the “Peace Process,” a heady consumerist and end-of-history euphoria coursed through Irish popular culture, too, as a new confidence flourished that hope and history might be made to rhyme. Even then, however, the sense of history as catastrophe, long embedded in the Irish cultural imagination, persisted in subdued form, and the recent turbulence in the capitalist system has created a renewed sense of radical uncertainty in Ireland.

Looking to these complex histories, present disturbances, and imagined futures, the IRISH SEMINAR 2009 will investigate the rhetorics of progress and catastrophe, apocalypse and utopia, in Irish culture from the late 18th to the 21st century. The 20th anniversary of the “Fall of the Wall” offers an occasion to reflect on how the utopian promises of the Enlightenment and modernity issued in the nightmarish vistas of the Cold War nuclear winters and post-Cold War global warmings. Within this framework, the IRISH SEMINAR will consider Irish literature in both major languages, film, popular culture, and social and intellectual history in a broad international context.

IRST 64099. Apocalypse and Utopia

(Cross-listed with ENGL 94501)

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

1:00–6:00 TWRF 6/15–7/3

CRN 2949; ID # IRST 64099 01

Held in Dublin each summer, the Keough Institute for Irish Studies hosts the IRISH SEMINAR, a prestigious month-long seminar in which graduate students from Notre Dame and other universities engage with key figures in Irish cultural, intellectual, and political debates. Participants also enjoy easy access to major libraries and archives in Dublin, including the National Library of Ireland, the Royal Irish Academy, and Trinity College.

The Irish Seminar 2009 will investigate rhetorics of progress and catastrophe, apocalypse and

utopia, in Irish culture from the late 18th to the 21st century. The 20th anniversary of “The Fall of the Wall” offers an occasion to reflect on how the utopian promises of the Enlightenment and modernity issued in the nightmarish vistas of the Cold War nuclear winters and post-Cold War global warmings. Within this framework, the IRISH SEMINAR will consider Irish literature in both major languages, film, popular culture, and social and intellectual history in a broad international context.

ENGL 94513. Apocalypse and Utopia

(Cross-listed with IRST 64099)

3 credits, Deane, Gibbons, O’Buachalla, Whelan (5-0-3)

1:00–6:00 TWRF 6/15–7/3

CRN 3104; ID # ENGL 94513

Held in Dublin each summer, the Keough Institute for Irish Studies hosts the IRISH SEMINAR, a prestigious month-long seminar in which graduate students from Notre Dame and other universities engage with key figures in Irish cultural, intellectual, and political debates. Participants also enjoy easy access to major libraries and archives in Dublin, including the National Library of Ireland, the Royal Irish Academy, and Trinity College.

The Irish Seminar 2009 will investigate rhetorics of progress and catastrophe, apocalypse and utopia, in Irish culture from the late 18th to the 21st century. The 20th anniversary of “The Fall of the Wall” offers an occasion to reflect on how the utopian promises of the Enlightenment and modernity issued in the nightmarish vistas of the Cold War nuclear winters and post-Cold War global warmings. Within this framework, the IRISH SEMINAR will consider Irish literature in both major languages, film, popular culture, and social and intellectual history in a broad international context.

For additional information, contact:

The Irish Seminar 2009
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 29–July 31

CORRESPONDENCE

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

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

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

ON THE WEB

law.nd.edu/london/summer

BACKGROUND

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

The Notre Dame program is the oldest American summer law program conducted in London. In 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 2009 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 Email, 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 10 courses providing a total of 19 hours of academic credit will be offered in the summer of 2009. 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 29, and end on Friday, July 31. Examinations are scheduled between Aug. 3 and Aug. 5. 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, 2009, 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, 2009. 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 2009 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	\$2,650
Fees (registration, activities in London)	\$100
Transportation (Roundtrip airfare: Chicago to London)	\$980
Transportation: U.K.	\$400
Room (includes breakfast)	\$2,220
Meals	\$1,590
Books and Supplies	\$260
Entertainment and Personal	\$890
TOTAL	\$9,090

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

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

PAYMENT SCHEDULE

Registration fee (\$50) with application due by April 1, 2009.

Tuition (\$2,650) due by 5/15/09.

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. Susan Hawker
Guildhall University, London

Prof. Matthew Humphreys
University of Kingston, Kingston

Prof. Gabriel Moens
Dean of Law Murdoch University, Perth,
Western Australia

Prof. Katherine Reece-Thomas
City University, London

Ana Stanic
Murdoch University School of Law, Australia

Prof. Robert Upex
Emeritus Professor, University of Surrey

Professor Emmanuel Voyiakos
School of Social Sciences and Law at Brunel
University

COURSE OFFERINGS

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

LAW 77453. Carriage of Goods By Sea

2 credits, Hawker

This course looks at the carriage of goods in international trade. We live in a world in which the transportation of goods is a fundamental part of both international and domestic business, and litigation in respect of these carriage disputes is inevitable. The course is based on English Law, with comparisons made with practice under other jurisdictions where appropriate. English law is frequently chosen to govern shipping contracts, the common law nature of English law allowing for judicial "creativity." We see, therefore, the development of this area of contract law, which aims to meet the needs of those involved with the international shipment of goods. The course predominately covers contracts for the carriage of goods by sea and charterparties, as most goods are shipped by this mode of transport, although carriage by air and land is introduced. The course also considers difficulties that arise when goods are the subject of a multimodal contract of carriage, and problems that arise when carriage contracts are negotiated by freight forwarders. The combination of the intellectual rigors of the law and trade realities make this a rewarding subject.

LAW 74451. ENGLISH LEGAL SYSTEM

2 credits, Gregory

This course examines the principal features of the English legal system and of the constitutional structure, institutions, law and practice of the United Kingdom. Topics studied are designed to draw attention to differences between the English and U.K. systems and the position in the United States. Topics include the structure and organization of the courts; the legal profession; legal education; judges; the jury; costs and litigation; legal aid; the U.K. parliament; sources of constitutional law and practice; the U.K. government; the European dimension; and human rights in the U.K.

LAW 70406. 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 interrelationship between EU law and the laws of the twenty-seven member states, and the four fundamental freedoms: free movement of goods, workers, services and capital. The course will concentrate on the transnational protection of economic and social rights and the jurisprudence of the European Court of Justice.

LAW 74465. INTERNATIONAL BUSINESS LAW

2 credits, Moens

This course provides students with an introduction to the law of international trade. It begins with an examination of the concept of free trade and the international structures that have been created to foster the liberalization of international trade. It then focuses on the United Nations Convention on Contracts for the International Sale of Goods (CISG), followed by a consideration of Incoterms 2000. The course then focuses on the Uniform Customs and Practices for Documentary credits (UCP 600) and financing of exports. Finally this course also provides students with an introduction to the World Trade Organization (WTO), anti-dumping and countervailing duties law.

LAW 74435. INTERNATIONAL COMMERCIAL ARBITRATION

2 credits, Stanic

Covers various aspects of international commercial arbitration, including the arbitrability of a dispute under domestic law; the jurisdiction of an arbitral panel; the choice of procedural and substantive law to govern an arbitration; the appointment of arbitrators; the possibility of interim protective measures and the enforcement of an arbitral award. Throughout, considers how the law can best balance the

claims of party autonomy in international business with the role of the state in prescribing rules of commercial law and in supervising dispute-resolution mechanisms.

LAW 74467. INTERNATIONAL HUMAN RIGHTS LAW

2 credits, Voyiakis

This course will examine the place of the individual in international law and focus on the promotion and protection of human rights at both international and regional levels. Particular emphasis will be given to the procedures developed by the United Nations, Organization of American States and Council of Europe, examining their effects on both international and domestic law. Consideration will be given to the role of non-governmental organizations in the protection of human rights.

LAW 74401. PUBLIC INTERNATIONAL LAW

2 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 peace-keeping; the United Nations system; jurisdiction and immunities; diplomatic law; terrorism; human rights; treaties and state succession; state responsibility and foreign investment protection; law of the sea; and international environmental law.

HOUSING

A number of single rooms are 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 on the Web at nd.edu/~ndlaw/london/second_year/connaught_hall.pdf.

Each student has his own room furnished with a bed, chair, desk, wardrobe, and telephone; bedding and towels are provided. There are bathroom facilities on every floor. The residence has recently been significantly refurbished to ensure that it complies with current U.K. law regarding access for persons with disabilities. This includes the provision of ramps for wheelchair use and modifications to the restrooms. In addition, the student housing is monitored by

the Notre Dame facilities coordinator to ensure that it continues to comply with both disability and related health and safety requirements. Breakfast is included in the price of a room; an evening meal is available at an additional cost of approximately \$8 per person.

Because the number of rooms in Connaught Hall is limited, and because we will assign rooms on a first-come first-served basis, we encourage you to submit payment as soon as possible after you receive your billing statement. A room in Connaught Hall will be assigned to you only after full payment of \$2,220 has been received by the University Office of Student Accounts. Regrettably, no exceptions can be made to the policy requiring full payment. All housing payments are non-refundable unless it is possible to reassign the room or obtain a release from the University's contractual obligation to pay for the room. If the program were to be cancelled before its commencement, housing payments would be refunded. If it was cancelled after commencement, for reasons beyond the control of the University, a refund would be made on a pro rata basis.

Summer London participants residing in Connaught Hall may check in on Saturday, June 27. Students must vacate their rooms by noon on Tuesday, Aug. 6.

INSURANCE

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

TRANSPORTATION

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

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

PASSPORTS

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

TRAVEL WARNINGS

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

COURSE MATERIALS

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

UPDATED INFORMATION

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

APPLICATION

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

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Website: ace.nd.edu/academic-programs

MASTER OF EDUCATION PROGRAM

The Master of Education Program is sponsored by the Alliance for Catholic Education, which solicits applicants for the program during the academic year. Courses in the program are restricted solely to students admitted to the program through an admissions process that is administered jointly by the Alliance for Catholic Education and the Master of Education Program. Participants in the program take coursework at Notre Dame during two summers, do supervised teaching in Catholic schools in the southern United States for two years, and participate in distance-learning experiences during the two years of supervised teaching.

Graduation with the master of education degree occurs after the completion of all coursework with at least a 3.0 average, completion of supervised teaching with at least a 3.0 average, documentation of instructional proficiency and student classroom learning as evidenced by a portfolio documenting professional growth over the course of the program.

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, Office of the Registrar, or from *insideND* (inside.nd.edu).

MASTER OF EDUCATION PROGRAM

EDU 60020. Introduction to Teaching

0 credits, Doyle, Clark, Navoa Svarovsky, Cummings (8-0-0)

10:15–11:45 MTWRF 6/1–6/5

CRN 1142; ID # EDU 60020 01

Last "add" date: 6/1

"Drop" dates: refund, 6/2; last, 6/4

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 6/1–6/5

CRN 1245; ID # EDU 60022 01

Last "add" date: 6/1

"Drop" dates: refund, 6/2; last, 6/4

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, Borek (12-0-1)

1:30–4:00 MTWRF 6/1–6/5

CRN 1246; ID # EDU 60024 01

Last "add" date: 6/3

"Drop" dates: refund, 6/2; last, 6/4

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 6/1–6/5

CRN 1247; ID # EDU 60026 01

Last "add" date: 6/1

"Drop" dates: refund, 6/2; last, 6/4

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, Large (8-0-1)

6:00–7:55 p.m. MTWR 6/1–6/4

0 credits, Large (10-0-0)

8:00–9:55 MTWRF 6/8–6/12

CRN 1186; ID # EDU 60040 01

Last "add" date: 6/2

"Drop" dates: refund, 6/3; last, 6/7

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

0 credits, Demmon (10-0-0)

8:00–9:55 MTWRF 6/8–6/12

CRN 1185; ID # EDU 60040 02

Last "add" date: 6/1

"Drop" dates: refund, 6/3; last, 6/7

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 6/1–6/4

0 credits Large (10-0-0)

10:00–11:55 MTWRF 6/8–6/12

CRN 1184; ID # EDU 60040 03

Last "add" date: 6/1

"Drop" dates: refund, 6/2; 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 6/1–6/4

0 credits, Demmon (10-0-0)

10:00–11:55 MTWRF 6/8–6/12

CRN 1183; 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 60060. Teaching in Catholic Schools

1 credit, DelFra (2-0-1)

3:10–5:10 M 6/8–7/20

CRN 2870; ID # EDU 60060 01

Last "add" date: 6/11

"Drop" dates: refund, 6/17; last, 6/30

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 6/8–7/20

CRN 2741; ID # EDU 60070 01

Last “add” date: 6/11

“Drop” dates: refund, 6/17; last, 6/30

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 6/10–6/24

CRN 2904; ID # EDU 60102 01

Last “add” date: 6/13

“Drop” dates: refund, 6/19; last, 7/2

Also taught 1:10–3:00 TWR 6/30, 7/1, 7/7–7/22

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 6/8–7/20

CRN 2910; ID # EDU 60122 01

Last “add” date: 6/11

“Drop” dates: refund, 6/17; last, 6/30

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 7/7–7/21

3:10–5:35 WR 7/8–7/22

1:10–3:45 F 7/10–7/17

CRN 2742; 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 6/30, 7/1, 7/7–7/16

10:00–11:50 F 7/10–7/17

CRN 2925; ID # EDU 60142 01

Last “add” date: 7/1

“Drop” dates: refund, 7/4; last, 7/9

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 6/8–6/26

CRN 2743; ID # EDU 60162 01

Last “add” date: 6/10

“Drop” dates: refund, 6/13; last, 6/18

Also taught 3:10–4:45 F, 6/19; 1:10–2:15 F 6/26

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, Doyle, Monkperian (11-0-3)

1:05–3:00 TRF 6/9–6/26

CRN 2928; ID # EDU 60182 01

Last “add” date: 6/10

“Drop” dates: refund, 6/13; last, 6/18

Also taught 3:10–5:10 TWR 6/9–6/25

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 (8-0-3)

1:10–3:00 TWRF 6/10–7/1; 7/7–7/22

CRN 2639; ID # EDU 60204 01

Last “add” date: 7/8

“Drop” dates: refund, 7/10; last, 7/15

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 TWRF 6/9–7/12; 7/7–7/22

CRN 2642; ID # EDU 60256 01

Last “add” date: 6/12

“Drop” dates: refund, 6/18; last, 7/1

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 6/8–7/1; 7/7–7/22

CRN 2414; ID # EDU 60312 01

Last “add” date: 6/12

“Drop” dates: refund, 6/17; last, 7/1

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 6/8–7/1; 7/6–7/9

CRN 2415; ID # EDU 60324 01

Last “add” date: 6/10

“Drop” dates: refund, 6/14; last, 6/24

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, Lorenzen (6-0-3)

8:00–10:00 MTWR 6/8–7/1; 7/6–7/9

CRN 2416; ID # EDU 60336 01

Last “add” date: 6/10

“Drop” dates: refund, 6/14; last, 6/24

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 6/8–7/1; 7/6–7/9

CRN 2744; ID # EDU 60452 01

Last “add” date: 6/10

“Drop” dates: refund, 6/14; last, 6/24

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 (8-0-3)

10:10–11:45 MTWRF 6/8–7/1; 7/6–7/9

CRN 2934; ID # EDU 60455 01

Last “add” date: 6/10

“Drop” dates: refund, 6/14; last, 6/24

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 (3-1-3)

10:10–11:15 MTWRF 6/8–7/1; 7/6–7/9

CRN 2766; ID # EDU 60455 01

Last “add” date: 6/10

“Drop” dates: refund, 6/14; last, 6/24

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, McNeil (3-1-3)

10:10–11:15 MTWRF 6/8–7/1; 7/6–7/9

CRN 3288; ID # EDU 60455 01

Last “add” date: 6/10

“Drop” dates: refund, 6/14; last, 6/24

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, Dallavis (6-0-2)

3:10–4:40 TWR 6/9–7/1; 7/7–7/22

CRN 2875; 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, Borek, Doyle (6-0-2)

3:10–4:40 TWR 6/9–7/1; 7/7–7/22

CRN 2844; 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, Doyle (6-0-2)

3:10–4:40 TWR 6/9–7/1; 7/7–7/22

CRN 2877; ID # EDU 60625 01

Last “add” date: 6/12

“Drop” dates: refund, 6/18; last, 7/1

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 6/9–7/1; 7/7–7/22

CRN 2879; ID # EDU 60645 01

Last “add” date: 6/12

“Drop” dates: refund, 6/18; last, 7/1

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 6/23–7/1; 7/7–7/22

CRN 2881; ID # EDU 60665 01

Last “add” date: 6/25

“Drop” dates: refund, 6/29; last, 7/8

Also taught 3:10–4:30 F, 6/26, 7/10

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 6/9–7/1; 7/7–7/22

CRN 2883; ID # EDU 60685 01

Last “add” date: 6/12

“Drop” dates: refund, 6/18; last, 7/1

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, Dallavis (8-0-3)

3:10–4:40 TWR 6/9–7/1; 7/7–7/22

CRN 2874; ID # EDU 60705 01

Last “add” date: 6/12

“Drop” dates: refund, 6/17; last, 7/1

Also taught 3:10–5:00 M, 6/8–7/22

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, Borek (8-0-3)
3:10–4:40 TWR 6/9–7/1; 7/7–7/22
CRN 3294; ID # EDU 60705 02
Last “add” date: 6/12
“Drop” dates: refund, 6/18; last, 7/1
Also taught 3:10–5:00 M, 6/8–7/22
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 6/9–7/1; 7/7–7/22
CRN 2876; ID # EDU 60725 01
Last “add” date: 6/12
“Drop” dates: refund, 6/17; last, 7/1
Also taught 3:10–5:00 M, 6/8–7/22
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 6/9–7/1; 7/7–7/22
CRN 2878; ID # EDU 60745 01
Last “add” date: 6/12
“Drop” dates: refund, 6/17; last, 7/1
Also taught 3:10–5:00 M, 6/8–7/22
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 6/23–7/1; 7/7–7/22
CRN 2880; ID # EDU 60765 01
Last “add” date: 6/24
“Drop” dates: refund, 6/28; last, 7/8
Also taught 3:10–4:30 F, 6/26, 7/10; 3:10–5:20 M, 6/22–7/20
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 6/9–7/1; 7/7–7/22
CRN 2882; ID # EDU 60785 01
Last “add” date: 6/14
“Drop” dates: refund, 6/17; last, 7/1
Also taught 3:10–5:00 M, 6/8–7/22
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 6/7–7/19
CRN 2828; ID # EDU 60830 01
Last “add” date: 6/10
“Drop” dates: refund, 6/16; last, 6/29
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 6/16–6/25
CRN 3724; ID # EDU 60840 01
Last “add” date: 6/16
“Drop” dates: refund, 6/18; last, 6/21
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 6/16–6/25
CRN 3265; ID # EDU 60880 01
Last “add” date: 6/16
“Drop” dates: refund, 6/18; last, 6/21
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 6/1–6/5
CRN 2643; ID # EDU 63500 01
Last “add” date: 6/5
“Drop” dates: refund, 6/11; last, 6/27
Also taught 5:30–7:15 p.m. T, 6/9–7/7; 7/21
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 6/8–7/20
CRN 1248; ID # EDU 65032 01
Last “add” date: 6/11
“Drop” dates: refund, 6/17; last, 6/30
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 6/8–7/20
CRN 1249; ID # EDU 65034 01
Last “add” date: 6/11
“Drop” dates: refund, 6/17; last, 6/30
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 6/8–7/20
CRN 1250; ID # EDU 65036 01
Last “add” date: 6/11
“Drop” dates: refund, 6/17; last, 6/30
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, Doyle, Johnstone (V-V-1 or 2)
CRN 1003; ID # EDU 67980 02
Last “add” date: 6/9
“Drop” dates: refund, 6/15; last, 6/30

MARY ANN REMICK LEADERSHIP PROGRAM

Director: Rev. Ronald J. Nuzzi, Ph.D.

Program Tel.: (574) 631-7730

Website: ace.nd.edu/academic-programs/alp

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

EDU 70603. Educational Administration

3 credits, Nuzzi (15-0-3)

8:30–noon MWF 6/22–7/17

CRN 1182; ID # EDU 70603 01

Last “add” date: 6/24

“Drop” dates: refund, 6/27; last, 7/5

An introduction to foundational issues in school leadership for those new to educational administration. Topics include personnel, curriculum and instruction, supervision, power, effective schools research, change theory, collegiality, communication theory, and decision-making skills. Coursework includes selected readings, 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 6/22–7/3

CRN 2843; ID # EDU 70604 01

Last “add” date: 6/22

“Drop” dates: refund, 6/24; last, 6/28

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 7/6–7/17

CRN 2842; ID # EDU 70605 01

Last “add” date: 7/6

“Drop” dates: refund, 7/8; last, 7/12

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 6/23–7/21

CRN 2969; ID # EDU 70601 01

Last “add” date: 6/25

“Drop” dates: refund, 6/29; last, 7/8

An overview of the distinctive qualities of Catholic school leadership that distinguishes it from other educational and administrative settings. While exploring the unique context of the Catholic school principal, this course builds upon official church documents, Catholic school research, Sacred Scripture, and American Catholic history to assist participants in forming a personal approach to leadership.

EDU 70655. Computing in Educational Leadership

1 credit, Atwood (5-0-1)

8:00–10:30 a.m. TR 6/30–7/16

CRN 3233; ID # EDU 70655 01

Last “add” date: 7/1

“Drop” dates: refund, 7/3; last, 7/9

A hands-on computer applications course, designed for school administrators at the K–12 level. Participants will be introduced to a variety of educational software packages while becoming competent in using word processing, PowerPoint, spreadsheets (Excel), and various database management tools. Lesson planning, gradebook, and scheduling software will also be presented. Class meets in a computer lab.

EDU 73607. Grant Writing and Development

1.5 credits, Johnstone (2-0-1.5)

8:30–11:30 MWF 6/15–6/26

CRN 3770; ID # EDU 73607 01

Last “add” date: 6/15

“Drop” dates: refund, 6/17; last, 6/21

This course will emphasize professional development, public relations, grant-writing techniques, and the creation of development plans. Topics

include aligning the not-for-profit organization’s strengths with granting agencies’ priorities, techniques for writing clear and fundable proposals, community networking, identification and cultivation of benefactors, planned giving, and the development and execution of major campaigns.

EDU 73608. Board Management

1.5 credits, Dygert (2-0-1.5)

8:00–10:30 MR 6/18–7/2

8:00–11:30 S 6/20–6/27

CRN 3771; ID # EDU 73608 01

Last “add” date: 6/19

“Drop” dates: refund, 6/21; last, 6/26

This course focuses on the development, composition, role, and responsibilities of school boards. Board function will be grounded in theology, especially ecclesiology, as the active and thoughtful participation of parents and other stakeholders is interpreted as a school-based response to the responsibilities of baptism. The partnership between the principal or president and the board in identifying and addressing management and development challenges is explored through case studies and class discussion. Canon law receives considerable attention regarding the limits of consultation, the role of the pastor and bishop, and the utility of various models of governance. Students will discuss problems in board management and formulate action plans to resolve those problems.

EDU 73609. Educational Law

3 credits, Shaughnessy (20-0-3)

1:30–5:30 MTWRF 6/22–7/3

CRN 2833; ID # EDU 73609 01

Last “add” date: 6/22

“Drop” dates: refund, 6/24; last, 6/28

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 73627. Leadership in Catholic Schools III

1 credit, Frabutt

7:00–9:30 p.m. W 6/17–7/15

CRN 3203; ID # EDU 73627 01

Last “add” date: 6/19

“Drop” dates: refund, 6/23; last, 7/2

Development of a poster reviewing the candidate’s action research project, presented at an on-campus Action Research Poster Symposium. At this event, students are stationed near their display and are available for about 90 minutes to present their work and entertain questions in

an informal atmosphere. Students network among themselves and glean insights from colleagues' projects that may have applicability to their own educational settings.

EDU 73634. Facilities Management

1 credit, (2-0-1)

Section 01: 1:30–5:30 MTW 6/29–7/1

CRN 3768; ID # EDU 73634 01

Last "add" date: 6/29

"Drop" dates: refund, 6/29; last, 7/1

Section 02: 8:30–11:30, 1:30–5:30 M 7/20 and

8:30–11:30, 1:30–4:30 T 7/21

CRN 3769; ID # EDU 73634 02

Last "add" date: 7/20

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

This course will consist of an overview of preventive maintenance for schools, including the relationship of maintenance to asset integrity, contract specifications, utilities management, personnel, and the use of professional vendors. Case studies and a school site visit will be included.

EDU 73636. Foundations of Education

3 credits, Power (3-0-3)

1:30–5:30 MTWRF 6/15–6/26

CRN 3757; ID # EDU 73636 01

Last "add" date: 6/15

"Drop" dates: refund, 6/17; last, 6/21

Historical and philosophical foundations to education are explored, with an emphasis on moral and ethical development in youth. Lectures, simulations, cooperative learning exercises, and discussions will be used to highlight differences in current theoretical approaches while challenging students to construct a defensible philosophical posture for their own educational service.

EDU 73659. Exceptionalities

3 credits, Smiley

1:30–5:30 p.m. MTWRF 7/6–7/17

CRN 3340; ID # EDU 73659 01

Last "add" date: 7/6

"Drop" dates: refund, 7/8; last, 7/12

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

EDU 73777. Educational Research Methodology

3 credits, Nuzzi, Holter (15-0-3)

MWF 7/7–7/23

CRN 3266; ID # EDU 73777 01

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.

EDU 73888. Leadership IV

1 credit; Frabutt, Nuzzi (1-0-1)

W 7:00 p.m.–9:30 p.m. 6/17–7/15

CRN 3807; ID # EDU 73888 01

Last "add" date: 6/19

"Drop" dates: refund, 6/23; last, 7/2

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

ENGLISH AS A NEW LANGUAGE (ENL) PROGRAM

Director:

Joyce W. Johnstone, Ph.D.

Program Tel.: (574) 631-7657

Website: ace.nd.edu/academic-programs/enl

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

EDU 70100. Linguistics and Language Acquisition

3 credits, Hagens (18-0-3)

8:00–11:30 MTWRF 7/10–7/23

CRN 3204; ID # EDU 70100 01

Last "add" date: 7/10

"Drop" dates: refund, 7/13; last, 7/17

This course introduces the students to the specific stages of language acquisition and development; the purposes that language serves; and the key roles of oral, written, and nonverbal communication in literacy development.

EDU 70110. Teaching Second Language Learners

3 credits, Moreno (18-0-3)

1:00–4:30 MTWRF 7/10–7/23

CRN 3205; ID # EDU 70110 01

Last "add" date: 7/10

"Drop" dates: refund, 7/13; last, 7/17

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

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 nationality—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 30570. Slavery in the Atlantic World

(Cross-listed with AFST 20274)

3 credits, Challenger (5-0-3)

1:15–3:45 MW 6/23–8/6

CRN 3767; ID # GSC 30570 01

Last “add” date: 6/26

“Drop” dates: refund, 7/2; last 7/16

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.

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.

GREED 60501. Teaching Engineering Tutorials and Laboratories

1 credit, Staff (14-0-1)

9:00–4:00 TW 8/11–8/12

CRN 2640; ID # GREED 60501 01

Last “add” date: 8/10

“Drop” dates: refund, 8/11; last, 8/12

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.

GREED 60601. Preparing for an Academic Career in Physics, Math, and Engineering

1 credit, Kolda (12-0-1)

9:00–noon TWRF 8/4–8/7

CRN 1275; ID # GREED 60601 01

Last “add” date: 8/3

“Drop” dates: refund, 8/5; last, 8/6

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.

GREED 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 MTRF 6/1, 6/2, 6/4, 6/5

CRN 2943; ID # GREED 60610 01

Last “add” date: 6/1

“Drop” dates: refund, 6/2; last, 6/4

There are a number of issues relating to the culture of academic life that are typically left unaddressed in formal coursework and degree programs, but which are of concern for those who plan to spend their careers in academic life. The course introduces doctoral students, especially those in the humanities, to a number of these in an effort to promote professional development. The course is built around four major areas: academic positions and expectations, teaching and teaching skills, research, and service. We will explore a wide range of topics for each of these areas including the preparation of a C.V., an explanation of the tenure process, syllabus construction, the use of technology in teaching, setting up a research agenda, participation in professional societies, external grants, citizenship in the university and society, and principles for a successful career. The course emphasizes the practical requirements of the professorate. It is designed for those in the job market but is open to any who want to learn about the requirements of academia.

GREED 60612. Effective and Exciting Teaching in Social Sciences

1 credit, Lopez (12-0-1)

9:00 a.m.–4:00 p.m. 6/22 and 6/23, 1:00–4:00

6/24, 9:00 a.m.–noon 6/26, and 1:00–3:00

6/26

CRN 2265; ID # GREED 60612 01

Last “add” date: 6/22

“Drop” dates: refund, 6/23; last, 6/25

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.

GREED 60640. Designing and Teaching Your First Biology or Chemistry Course

1 credit, Hyde (12-0-1)

1:00–5:00 MTR 6/1, 6/2, 6/4

CRN 1104; ID # GREED 60640 01

Last "add" date: 5/31

"Drop" dates: refund, 6/2; last, 6/3

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.

GREED 60641. Theory and Practice of Asking Questions and Getting Answers

1 credit, Bruneau (12-0-1)

9:00–noon MTWR 6/8–6/11

CRN 3521; ID # GREED 60641 01

Last "add" date: 6/7

"Drop" dates: refund, 6/9; last, 6/10

This course invites graduate students of all disciplines to explore the many roles questions can take in the classroom and how we can provoke good questions and answers from our students by asking good questions ourselves. Participants will read and discuss research on such topics as wait time, "authentic" questions, and ways to address different intelligences and levels of proficiency. The class participants will then apply the ideas raised in the course to generate test,

homework, and discussion questions for their own subject area classes.

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/.

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/.

Department of Aerospace and Mechanical Engineering

AME 87891. Visiting Teacher Special Studies

Variable credits, Staff (V-V-V)

CRN 3043; 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 3085; 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 3128; ID # CE 87200

Department of Computer Science and Electrical Engineering

CSE 87701. Summer Research Education for Teachers

Variable credits, Staff (V-V-V)

CRN 3127; 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/.

Department of Biological Sciences

BIOS 77670. Special Problems: Research Experience for High School Instructors

Variable credits, Staff (V-V-V)

CRN 3044; 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 3045; 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 3129; 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 2958; 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 2285; 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 2281; 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 2282; 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 2283; 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 2280; 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 1017; 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 2284; 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

Director:

R. Scott Appleby, Ph.D.

Dept. Tel.: (574) 631-6970

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

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 Office of the Registrar, or from *insideND* (inside.nd.edu).

IIPS 36401/46401. Directed Readings

Variable credits, Staff (V-V-V)

CRN 2467; ID # IIPS 36401**CRN 2484**; ID # IIPS 46401**IIPS 66201. Directed Readings**

Variable credits, Staff (V-V-V)

CRN 2944; ID # IIPS 66201**IIPS 76201. Directed Readings**

Variable credits, Staff (V-V-V)

CRN 2490; ID # IIPS 76201**IIPS 78101. Thesis Direction**

Variable Credits, Staff (V-V-V)

CRN 3799; ID # IIPS 78101**IIPS 78102. Nonresident Thesis Research**

1 credit, Staff (V-V-1)

CRN 3240; 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 30016. Latin American Theatre

3 credits, Prizant (3-0-3)

1:15–3:45 TR 6/23–8/6

CRN 3803; ID # ILS 30016 01

Cross-listed with FTT 20707 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

This course will serve as a basic introduction to plays from Latin America. Models from South America, Central America, North America, and the Caribbean will be included in order to give students a general overview of significant contemporary plays (in English) from a sampling of countries in the Spanish-speaking world. Students will read plays and articles, see and analyze footage of performances (when available), give creative and/or historical presentations, participate in discussions about the theatrical methods and materials, and further research areas that particularly interest them. Making connections between ideas and life experiences, while deepening appreciation for the arts and literature in Latin America are crucial goals of this class.

ILS 40601. Psychology of Race

(Cross-listed with AFST 43701, PSY 43348)

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

1:15–3:45 TR 6/23–8/6

CRN 3200; ID # ILS 40601 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last, 7/16

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 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, 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	3
	Electives	9

Total Credit Hours for Degree: 42
For a comprehensive program description, along with a schedule of summer offerings, consult the M.N.A. Web page at 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
Email: Thomas.J.Harvey.18@nd.edu

THE PHOENIX INSTITUTE

The Phoenix Institute is an international educational organization that seeks to promote a deeper understanding of Western civilization. Since 1991, the institute has held its annual summer program at the University of Notre Dame. The 2009 Notre Dame Summer Seminar for the Study of Western Institutions has been designed to foster a better understanding of the Western intellectual tradition among European, Pan-American, and Asian students. These summer programs bring together students and professors from 14 countries to explore the enduring ideas of Western civilization through the disciplines of political philosophy, philosophical anthropology, ethics, literature, and Law. Additional details about the Phoenix Institute can be found online at the following Web address: thephoenixinstitute.org/seminars/seminars_notre_dame.htm

Questions about the Phoenix Institute program at Notre Dame should be directed to the Office of the Registrar by calling 631-7282.

AL 40700. Heroism Reconsidered

3 credits, Evans (3-0-3)
10:40–12:25 MTWRF 7/6–7/31

CRN 3293; ID # AL 40700 01

Last “add” date: 7/8

“Drop” dates: refund, 7/11; last, 7/14

This Phoenix Institute course is not intended for Notre Dame students. Starting with the heroic quest paradigm that originated with Gilgamesh and Greek mythology, we will explore the attributes and evolution of heroism from ancient to modern times. Because the warrior-heroes of history have often ignored the common good with disastrous consequences, we will look at the various faces of heroism and ask if mankind would profit by loosening the grip that warrior-heroes have on the human imagination.

Collaterally, we will explore what can be appropriated from competing models of the hero for personal strength of character, happiness, and humanity’s hopes for peace on earth. Texts for this class will include the following: Homer’s *Iliad* (Robert Fagles’ translation); Plutarch’s *Life of Alexander the Great*; the Bible (Moses, David, Jesus); selections from John Milton’s *Paradise Lost*; selections from *Early Christian Fathers*; selections from *The Last Letters of Thomas More*; war poetry of World War I (Wilfred Owen, “On Passing the Menin Gate” and Siegfried Sassoon, “*Dulce et Decorum Est*”); World War II war letters from Andrew Carroll’s *Behind the Lines*; Alexandr Solzhenitsyn’s *One Day in the Life of Ivan Denisovich*; Viktor Frankl, *Man’s*

Search for Meaning, and *Schindler's List* (film).

PHIL 20418. Living the Virtues

3 credits, McNerny (3-0-3)

8:45–10:30 MTWRF 7/6–7/31

CRN 3756; ID # PHIL 20418 01

Last "add" date: 7/8

"Drop" dates: refund, 7/11; last, 7/19

This Phoenix Institute course is not intended for Notre Dame students. A commonplace of our postmodern era is a deep skepticism, if not outright rejection, of an overarching moral and political framework of human action. Troubled by the practical problems such skepticism generates, some philosophers in the last few decades have attempted to retrieve the dominant pre-modern framework of ethics and politics, namely, an understanding of the moral and intellectual virtues. This course aims to assess this retrieval; to ask what reasons we have to return to the virtues in the first place, and then how we might best understand the various virtues themselves and the relationships between them. In this inquiry we will take as our principal guide the moral thought of St. Thomas Aquinas.

POLS 30754. Liberalism, Democracy, and Modernity: Tocqueville's American Journey

3 credits, Lewis

2:00–3:45 MTWRF 7/6–7/31

CRN 3781; ID # POLS 30754 01

Last "add" date: 7/8

"Drop" dates: refund, 7/11; last, 7/19

This Phoenix Institute course is not intended for Notre Dame students in the Department of Political Science. Alexis de Tocqueville's *Democracy in America* has been described as the greatest book ever written on democracy and the greatest book ever written on America. In it, Tocqueville perceives nearly all of the important issues related to modern liberal democracies and contextualizes them in his interpretation of the American experience. The book was written to convince Europeans that democracy was inevitable and to prepare them for it, so that the transition might be peaceful, moderate, and just. Among the issues treated are the rule of law, the relationship between church and state, the activities of civil associations and local government, and the importance of culture and institutions in political life. This course will take Tocqueville's book as its main text, supplemented by some more recent articles that develop Tocquevillian themes related to politics and society.

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 11050. FYC Summer Studio

0 credits, MacLaughlin (0-6-0)

Noon–1:00 MTWR 6/23–8/6

CRN 3535; ID # UB 11050 01

Last add dates 6/26

Drop dates: refund 7/2; last, 7/16

Students in the First Year Composition Summer Program also enroll in the Summer Studio, UB 11050, which meets in a computer lab on campus. In the studio, students practice academic writing conventions, draft and revise assignments, and conference with a writing specialist. This course is a corequisite of UB 13150.

UB 13150. FYC Summer Seminar

3 credits, MacLaughlin (3-0-3)

9:30–11:00 MTWR 6/23–8/6

CRN 3536; ID # UB 13150 01

Last add dates 6/26

Drop dates: refund 7/2; last, 7/16

Identical in its aims as First Year Composition courses offered during the traditional school year, students in UB 13150 learn how to identify an issue amid conflicting points of view. The course stresses argument and aims to develop skills for writing researched essays that incorporate academic and popular sources.

UNIVERSITY WRITING PROGRAM

Acting Director:

John Duffy, Ph.D.

Dept. Tel. (574) 631-5427

The First Year Composition Summer Program is designed to help under-prepared or inexperienced writers fulfill Notre Dame's First Year Composition requirement. The Program has two components, FYC 13150, a traditional 3-credit seminar that fulfills the University's composition requirement, and FYC 11050, an intensive writing lab. Student who enroll in the First Year Composition Summer Program meet for seven weeks, four days per week, 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 Office of the Registrar, or from *insideND* (inside.nd.edu).

FYC 11050. First Year Composition Summer Studio

0 credits (0-6-0)

10:30–11:50 MTWR 6/23–8/6

CRN 3274; ID # FYC 11050 01

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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 (6-0-3)

8:35–10:15 MTWR 6/23–8/6

CRN 3273; ID # FYC 13150 02

Last "add" date: 6/26

"Drop" dates: refund, 7/2; last 7/16

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. Seminar for African American Scholars

1 credit, Pierce
9:00–5:00 MTWTF 7/20–7/24

CRN 1149; ID # PCSE 03230 01

Seminar for African American Scholars 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. Through the process, students will enhance their own strengths, values, and leadership skills as they work toward developing both personal and generational mission goals. 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) by Feb. 15, 2009. Enrollment in this one-week program is limited to 40 academically superior students (20 men and 20 women), and early application is advised. Criteria for selection will include the student's academic and standardized testing record, demonstrated leadership abilities and other extracurricular activities, personal essay and letter of recommendation.

For further information, contact the Office of Pre-College Programs at (574) 631-0990.

SCHOOL OF ARCHITECTURE CAREER DISCOVERY PROGRAM

Dean:

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 Office of the Registrar, or from the Registrar.

ARCH 01110. Career Discovery in Architecture at Notre Dame

0 credits, Staff (V-V-0)
6/14–6/26

CRN 1825; ID # ARCH 01110 01

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. For more information, contact Marlou Hall at (574) 631-2322.

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)
6/14–7/2

CRN 1360; ID # EG 00100 01

Last "add" date: 6/15

"Drop" dates: refund, 6/18; last, 6/24

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)
7/5–7/23

CRN 1359; ID # EG 00200 01

Last "add" date: 7/6

"Drop" dates: refund, 7/9; last, 7/15

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

1 credit, Lopez
9:00–5:00 MTWTF 7/6–7/10

CRN 1218; ID # PCSE 03220 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 play a role in that process. The students will examine how the values we possess might interact with political, economic, and social forces to produce viable strategies in the future. A particular emphasis is on how economic change, political violence, environmental degradation, and cultural differences interact at the local and global level to make the world of the future a challenging one.

Students must submit an online application (precollege.nd.edu) by Feb. 15, 2009. Enrollment is limited to 40 academically superior Catholic students entering their senior year (20 men and 20 women). Criteria for selection will include the student's academic and standardized testing record, involvement in extracurricular activities, personal essay, letters of recommendation, and an interest in concerns related to Catholic social thought, justice, and peace.

For further information, contact the Office of Pre-College Programs at (574) 631-0990.

LATINO COMMUNITY LEADERSHIP SEMINAR

Director:

Joan Martel Ball
Dept. Tel.: (574) 631-0990

PCSE 03240. Latino Community Leadership Seminar

1 credit, Brown-Gort
9:00–5:00 MTWTF 7/13–7/17

CRN 3069; 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) by Feb. 15, 2009. Enrollment in this one-week program is limited to 40 academically superior students (20 men and 20 women), and early application is advised. Criteria for selection will include the student's academic and standardized testing record, demonstrated leadership abilities and other extracurricular activities, personal essay, and letter of recommendation.

For further information, contact the Office of Pre-College Programs at (574) 631-0990.

SUMMER SCHOLARS

Director:

Joan Martel Ball
Dept. Tel. (574) 631-0990
June 22–July 3, 2009

A two-week summer program for high school students who have completed their sophomore or junior year and are serious about pursuing an academic opportunity at Notre Dame, to explore their interests in fields of study while in residence on the Notre Dame campus. Summer Scholars participants will have, to the extent possible, the full experience of a Notre Dame student: academic courses and fieldwork with some of Notre Dame's finest faculty members, as well as the residential, social, and spiritual connections that come with living in a residence

hall. Academic tracks will be offered in the fields of business/entrepreneurship, film, life sciences, literature, policy debate and public speaking, pre-law, psychology, theatre, and theology. Students will experience a variety of formats including interactive lectures, laboratory work, collaborative learning, computer and video material, group discussions, and field trips.

Students must apply for the academic track of their choice by March 1, 2009. Because enrollment will be limited to 10–30 students per track, early application is advised. Admissions decision letters will be mailed by April 15. Criteria for selection will include the student's academic and standardized testing record, involvement in extracurricular activities, personal essay, a guidance counselor report, and one letter of recommendation from a guidance counselor or current teacher.

For further information on the academic tracks, other aspects of Summer Scholars, and to apply online, please visit our website: precollege.nd.edu.

Summer Scholars Track I: Acting for Stage and Film: Acting Professionally

0 credit, Scott
9:00–4:00 MTWTF 6/22–7/03

Ever wonder what it takes to become a professional actor? The art and skill of acting are only a part of the puzzle. What do actors do when they aren't acting? The actor is an independent contractor who markets and interviews and negotiates for work.

The Summer Scholars Acting Track covers both acting training and the business of being an actor. In the first week, students study voice and movement, scene study, and monologue preparation. Script analysis, improvisation, and character studies give actors the tools to create memorable performances. All classes are held in the Marie P. DeBartolo Center for the Performing Arts, a state-of-the-art facility with multiple theatres, classrooms, and a soundstage.

Week two covers the business of being an actor, and acting for film and television. Students will travel to Chicago to see a play and meet with professional actors and directors. Each participant will create a resumé, take starter headshots, and perform in short scenes that will be open to all Summer Scholars participants.

Summer Scholars Track II: Investments/Entrepreneurship: Recognizing Needs, Creating Businesses, and Investing in Them

0 credit, Krcmaric
9:00–4:00 MTWTF 6/22–7/03

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 MTWTF 6/22–7/03

Film and video production can take many forms, from television news production, to commercial production, to documentary and feature filmmaking. The production process is communal. No one person can produce a film. It's a group effort, and the Summer Scholars Film Track allows students to work closely with their peers as crew members and creative collaborators, learning from each other and making friendships that last well beyond their two weeks on campus.

Students will learn the history of motion pictures, study the craft of filmmaking, and actually produce and direct their own short film, which will be screened at the end of the summer experience inside the state-of-the-art THX Browning Cinema right on the Notre Dame campus.

Summer Scholars Track IV: Life Sciences: Ecology/Environmental Science and Molecular Genetics

0 credit, Lewis, Olsen
9:00–4:00 MTWTF 6/22–7/03

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 MTWTF 6/22–7/03

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 MTWTF 6/22–7/03

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, Cleveland, O'Brien
9:00–4:00 MTWTF 6/22–7/03

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, Schacht
9:00–4:00 MTWTF 6/22–7/03

There are many common misconceptions held about the discipline of psychology. Oftentimes, 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: The Irresistible Revolution: Jesus, Society, and You

0 credit, Griffin
9:00–4:00 MTWTF 6/22–7/03

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 some of 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.

Summer Scholars Track X: Voice: Opera and Song

0 credit, Beudert

9:00–4:00 MTWTF 6/22–7/03

The Summer Scholars Voice track covers the technical, physical, spiritual, and business aspects of singing. Daily instruction in vocal technique, musical skills, acting, diction, and style will help prepare singers for careers in college and beyond. In addition, discussion and research on the nature of musical performance and its place in society will enrich the practical aspects of the singer's craft. Finally, specific advice and direction on career development will help young singers begin to plan for their future.

This track is open to serious high school singers who are contemplating college study in voice. In addition to the basic application, singers must submit an audition CD (video preferred), two letters of recommendation from musical authorities (one must be from your current voice teacher), a performing and educational resumé, and a representative aria and song repertoire list.

The repertoire to be worked on (both art song and opera as appropriate) will be chosen on the basis of audition tapes and discussions with the students' teachers. Final performances for the entire Summer Scholars community will enable singers to put their newfound knowledge to practical use. A field trip to the exciting Chicago summer classical music life is planned.

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 6/22–7/03

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 6/22–7/03

According to an eminent critic, "Understanding in the *Inferno* is a process that might be characterized as hyperbolic doubt systematically applied to the values of contemporary society." This may explain the revival of interest in the poem we have witnessed of late. In this track, students will read the *Inferno* in both a scholarly translation by Robert and Jean Hollander, and a brilliant poetic rendering by contemporary Irish poet Ciaran Carson. There will be a special focus on the poem's major episodes in the light of recent debates in the humanities. The seminar will include an up-to-date overview of Dante's life and works and will introduce participants to the rare books and illustrated volumes of the University's spectacular John A. Zahm, C.S.C., Dante Collection.

Summer Scholars Track XIII: China's Transformation: Understanding the New Global Power

0 credit, Jensen

9:00–4:00 MTWTF 6/22–7/03

There is no nation more prominent in the spectrum of world economy and politics than the People's Republic of China, and this course is designed to offer the student a window from which to observe and better understand this nation and its people. China's Transformation will introduce the student to the complex human geography of China and thereby move beyond its simplistic popular representation in western broadcast and print media. Students will explore such critical issues as environmental degradation, ethnicity, film and literature, the Internet, language, nationalism, news reporting, religion, unemployment, and the human costs of the economic boom and learn in the end of the uncanny relevance of China for the United States. Readings from the course text will be coordinated with culture events, guest lectures, films, and museum visits to provide a multidimensional exposure to China today.

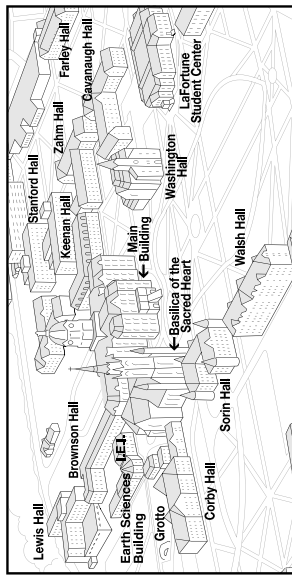
Summer Scholars Track XIV: Unearthing Hidden Indiana: Historical Archaeology of the Recent Past in the Midwest

0 credit, Rotman

9:00–4:00 MTWTF 6/22–7/03

Have you ever wondered why archaeologists excavate so meticulously? Have you have been curious as to how scientists can interpret past lived experience from a pile of broken dishes? Are you interested in history, science, and anthropology?

This Summer Scholars Anthropology Track will explore historical archaeology as a robust interdisciplinary endeavor. Students will learn what questions are of interest to historical archaeologists, the data used in their investigations, and how those data are interpreted to understand the past. Students will engage in a variety of activities and lectures designed for experiential learning. Field trips will include visits to the Cedar Grove Cemetery on the campus of the University of Notre Dame, the Northern Indiana Center for History, and the local history room of the St. Joseph County Public Library. Students will work with different artifact assemblages, as well as learn a variety of methodological and interpretive techniques. This experience will also include participation in an archaeological field excavation and laboratory processing of the artifacts they recover. Students will also spend time undertaking a small research project associated with their Summer Scholars experience, the results of which they will present at the end of the session.



UNIVERSITY OF NOTRE DAME

ALPHABETICAL LISTING OF CAMPUS BUILDINGS

[illegible]

NUMERICAL LISTING OF CAMPUS BUILDINGS

1001	Old College	1027	Law School	1054	Pangborn Hall	1091	Pasquerilla Hall East	1151	O'Neill Hall	1185	Sacred Heart Parish Center
1002	Columbia Hall	1028	Stadium	1055	Keenan Hall	1092	Legends	1153	Food Services Support Facility	1186	Wilson Commons
1003	Brownson Hall	1029	Alumni Hall	1056	Moreau Seminary	1093	Stapan Chemistry Hall	1154	McGinn Hall	1187	WNDU Stations
1004	Earth Sciences Building	1030	Dillon Hall	1057	North Dining Hall	1094	Decio Faculty Hall	1155	Welsh Hall	1191	Water Tower
1005	Institute for Educational Initiatives	1031	Knights of Columbus Council Hall	1058	Stanford Hall	1096	Eck Tennis Pavilion	1156	Ave Maria Press	1192	Hammes Mooney Hall
1006	Presbytery	1032	Hurley Hall	1059	Facilities/Maintenance Center	1097	Higgar Fitness Complex	1157	Rofis Sports Recreation Center	1193	(Security/Post Office)
1007	Boat House	1033	Cushing Hall of Engineering	1060	Holy Cross House	1098	Mayo Field	1158	Alumni Association/Eck Visitors Center	1194	Jordan Hall of Science
1008	Admissions (Main Building)	1034	Power Plant	1061	Information Technology Center	1099	Loftus Sports Center	1159	Hammes Notre Dame Bookstore	1206	Guglielmino Athletics Complex
1009	Basilica of the Sacred Heart	1035	St. Liam Hall	1062	Stapan Center	1100	Knott Hall	1160	Warren Golf Course Clubhouse	1210	Wind Tunnel
1010	Washington Hall	1036	Cavanaugh Hall	1064-1075	University Village	1099	Siegrfried Hall	1163	Coleman-Morse Centers	1211	Duncan Hall
1011	St. Edward's Hall	1037	Haggar Hall	1076	Hesburgh Library	1100	Band Building	1165	Alumni Soccer Field	3001	
1012	LaFortune Student Center	1038	Zahn Hall	1077	Radiation Research Building	1101	Mason Support Services Center	1166	Burke Memorial Golf Course	3002	
1013	Sorin Hall	1039	Rockne Memorial	1078	Lewis Hall	1102	Pasquerilla Center (ROTC)	1167	DeBarolo Hall for the Performing Arts	3003	Carlier Field
1014	Corby Hall	1040	Breen-Phillips Hall	1079	Center for Continuing Education	1103	Fischer Grad. Community Center	1168	Courney Tennis Center	3004	
1015	Crowley Hall of Music	1041	Hessert Aerospace Research Center	1080	Galvin Life Sciences Center (McKenna Hall)	1104-1136	Fischer Graduate Residences	1169	Laundry Pick-Up Center/Mail Distribution Center	3005	Clarke Memorial Fountain/Fieldhouse Mall
1016	Badin Hall	1042	Telecommunications	1081	Freimann Life Sciences Center	1137/1138/1140/1141	Fischer Visiting Faculty Apartments	1170	Facilities Building	3006	Ivy Softball Field
1017	Carroll Hall	1043	Fire Station	1082	Hayes-Healy Center	1142	Hesburgh Center	1171	Our Lady of Fatima House and Shrine	3008	Sequentennial Common
1018	Log Chapel	1044	Farley Hall	1083	Joyce Athletic/Convocation Center	1143	St. Michael's Laundry	1172	Main Gate	3009	Shahen Mestrovic Memorial
1019	Walsh Hall	1045	Reyniers Life Annex	1084	Flanner Hall	1144	DeBarolo Hall	1173	East Gate	3010	Warren Golf Course
1020	Bond Hall (Architecture)	1046	Reyniers Life Building	1085	Grace Hall	1145	Eck Baseball Stadium	1174	Keough Hall	3011	Grotto of Our Lady of Lourdes
1021	Riley Hall of Art and Design	1049	Morris Inn	1086	O'Hara-Grace Grad. Residences	1146	Early Childhood Development Center	1178	Notre Dame Credit Union	3012	Melissa Cook Stadium
1023	Howard Hall	1050	Newland Science Hall	1087	Fitzpatrick Hall of Engineering	1181	Mendoza College of Business	1182	Province Archives Center		
1024	Lyons Hall	1051	Fisher Hall	1088	O'Shaughnessy Hall West	1148	Hank Family Center	1183			
1025	Morrissey Hall	1052	O'Shaughnessy Hall	1089	Sinte Museum of Art	1149					
1026	South Dining Hall/Rec-ers	1053	Center for Social Concerns	1090							



Rev. John I. Jenkins, C.S.C.,
D.Phil..



Charles T. Hurley III,
MSA, M.A..

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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 Aug. 27, 1997.

