

BULLETIN OF INFORMATION

UNIVERSITY OF NOTRE DAME
SUMMER 2011



2011 Bulletin of Information

University of Notre Dame

Summer Session

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

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

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

Nondiscrimination

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

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

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

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

ACADEMIC CALENDAR 2011

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 20, Monday

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

June 20, Monday

Classes begin at 8:00 a.m.

June 24, Friday

Last date to add regular 7-week summer session classes

June 28, Tuesday

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

July 13, Wednesday

Last date to drop regular 7-week summer session classes

July 15, Friday

Latest date for master's comprehensive examinations and Ph.D. dissertation defenses for graduation in August 2011

July 22, Friday

Latest date for applying for admission to candidacy for the doctor's or master's degree to be awarded August 2011

July 22, Friday

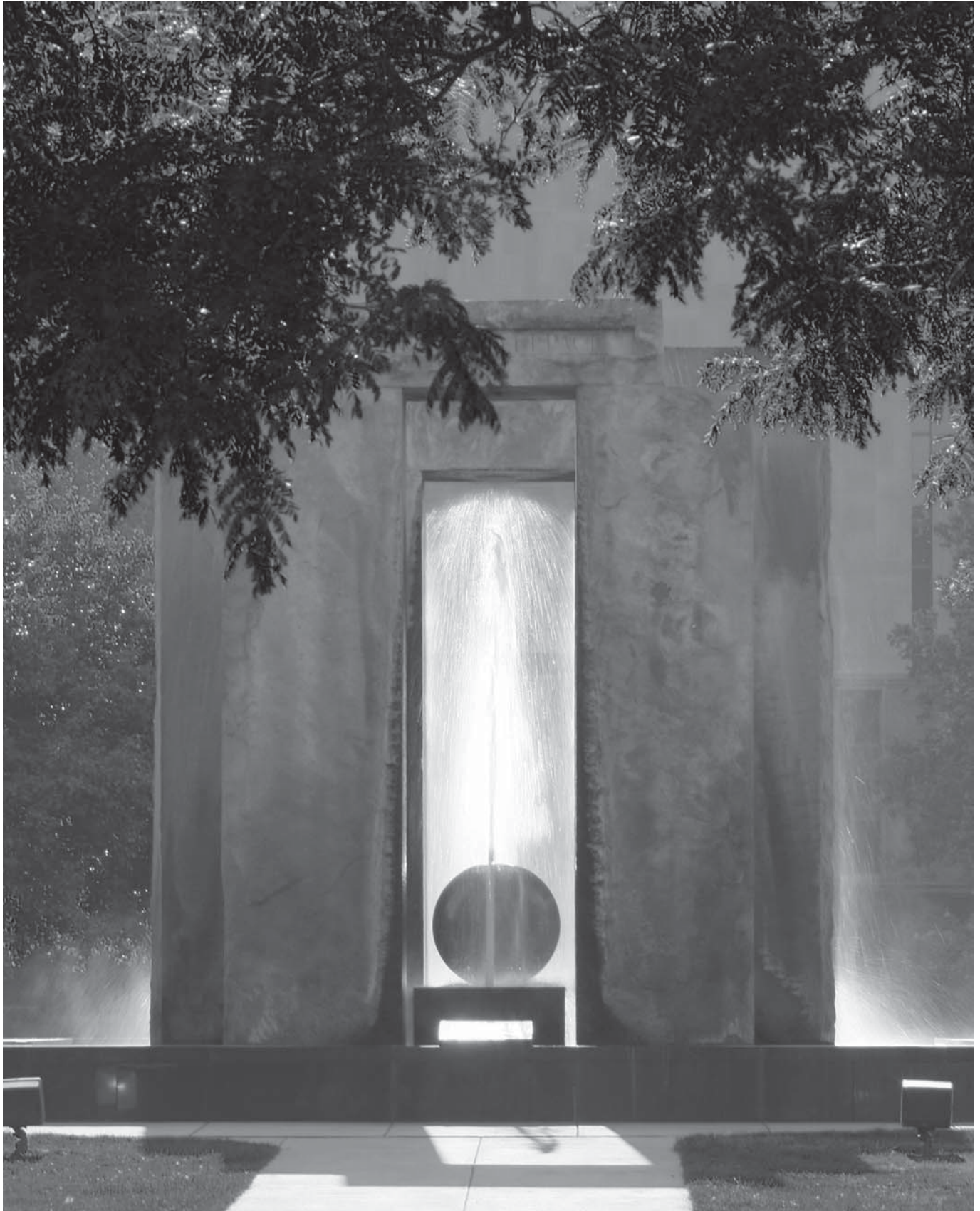
Latest date for presenting completed theses and dissertations in the Graduate School Office for graduation in August 2011

August 5, Friday (7-week classes)

Last class day



THE UNIVERSITY AND THE SUMMER SESSION



THE UNIVERSITY

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

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

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

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

There are also a number of specialized units within the University, including the Center for Environmental Science and Technology, the Center for Philosophy of Religion, the Erasmus Institute, the Helen Kellogg Institute for International Studies, the Keough Institute for Irish Studies, the Joan B. Kroc Institute for International Peace Studies, the LOBUND Laboratory, the Medieval Institute, the Notre Dame Institute for Church Life, and the Radiation Laboratory. Of particular importance in maintaining

a tradition of excellence is the Theodore M. Hesburgh Library, one of the largest university library buildings in the world. The 14-story structure provides study facilities for 2,900 students.

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

APPLICATION/ COURSE SELECTION

1. Notre Dame Continuing Students.

University of Notre Dame continuing students (i.e., students who attended Notre Dame during the spring semester of 2011 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 23 through the course add and drop dates published in this *Bulletin*. In addition, this information and updates can be viewed by selecting "Summer Class Search" online at summersession.nd.edu.

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

Forms for on-campus meal plans and housing are available at summersession.nd.edu.

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

2. Non-Notre Dame/Visiting Summer Students.

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

Once accepted, visiting students may drop or add courses using the University's web

registration system according to the add and drop dates printed with each course. After those add and drop dates, students must use the standard *Academic Course Change* form available at the department offering the class.

Instructions for the web registration system is available on the web at registrar.nd.edu

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

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

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

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

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

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

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

English Language Qualification.

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

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

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

ND ROLL CALL

ND Roll Call is another step in admission to the summer session and is independent of the application/course selection (registration) process. All students, including Notre Dame continuing students, must complete the ND Roll Call process at the beginning of classes.

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

Summer-only students must obtain 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 by the first class day. This is a pre-condition for maintaining registration and participating in summer session courses.

1. ND Roll Call for the Summer Session.

Students who have registered for courses that begin during the first week of the summer session (June 20–24) must complete the ND Roll Call process no later than Friday, June 24. Late registration of students for courses that begin during the first week of the session must be authorized by the director of the summer session. Once a student has received authorization for late registration, he or she can verify their attendance by using the ND Roll Call process. No student will be allowed to register for a course after the “add” date published with the course description.

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

2. ND Roll Call for Special/Short Courses.

Students who have registered for courses that begin before or after the first week of the summer session (June 20–24) must complete the ND Roll Call process by the first class day. Students need to complete the process only once even if they are taking courses that begin before or after the first week of the summer session.

3. ND Roll Call for Independent Study.

Students registered for any form of independent study - i.e., special studies courses, directed readings courses, or thesis or dissertation research - may complete the ND Roll Call process as early as Monday, May 23.

ACADEMIC REGULATIONS

In general, the rules and regulations given in the *Bulletin of Information, Undergraduate Programs* and the *Bulletin of Information, The Graduate School* apply, respectively, to undergraduate and graduate students during the summer as well as the academic year. In cases where statements in these *Bulletins* do not coincide with those in the *Summer Session Bulletin*, the *Undergraduate Bulletin*

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

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

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

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

Any credit hours over the maximum must be approved by the associate or assistant dean for academic affairs of the student's college. Students pursuing a Notre Dame graduate degree and all nondegree students who wish to take more than the maximum number of courses or credit hours must have the permission of the director of the summer session. To be considered full-time in the summer session, 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 20–24) may be added after Friday, June 24.

No seven-week course that begins during the first week of the summer

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session (June 20–24) may be dropped after Wednesday, July 13, except in cases of serious physical or mental illness.

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

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

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

Summer-only students may access the University’s Web registration system through *insideND* (inside.nd.edu). After entering the NetID and password obtained at <https://accounts.nd.edu/activation>, students go to the menu and select “Add or Drop Classes” and then select the term “Summer 2011” 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 24, using the standard *Academic Course Change* form must secure official approvals for such changes according to the following guidelines:

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

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

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

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

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

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

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

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

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

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

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

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

The Undergraduate Grading System.

Letter Grade	Point Value	Description	Explanatory Comments
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.

Letter Grade	Grades assigned by the registrar; i.e., not to be given by the faculty
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.

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

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

The Graduate School Grading System.

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

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

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

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

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

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

The University temporarily computes this grade as the equivalent of an F in calculating the GPA. When the student fulfills the

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

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

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

The grade of V (Auditor) has neither quality-point nor credit-hour value; however, it does have billable hours. It is the only grade available to the registered auditor. The audit must be requested within the period of time for adding a course; the auditor should attend the course throughout the entire semester, and it is made part of his or her permanent record. The grade of V cannot be changed to a credit-earning grade. Information about declaring an audit is posted at <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, 300 Grace Hall, Notre Dame, IN 46556.

TUITION, FEES, AND FINANCIAL AID

Tuition and Fees. Tuition and fees for the summer session of 2011 are as follows:

Undergraduate tuition per semester hour	\$797
Undergraduate tuition for auditing per semester hour	\$797
Graduate tuition per semester hour	\$420
Graduate tuition for auditing per semester hour	\$420

Financial Aid. Specific details on student aid programs are contained in the University's *Undergraduate Bulletin* and *Graduate*

Bulletin as well as the Office of Financial Aid website. Ordinarily, assistance is given only to students enrolled in a Notre Dame degree program.

INTERNATIONAL STUDENTS

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

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

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

HOUSING, LAUNDRY, AND MEALS

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

Housing. Students who wish to reserve a room need to apply online. The online application for campus housing is available at *insideND* (inside.nd.edu) under the “Student Resources” tab, “Residence Life & Housing”, click “Home Under the Dome”. Single- and multi-occupancy rooms are available for men and women in separate designated residence halls, for undergraduate students. Graduate students will receive private-occupancy accommodations, unless otherwise requested. The University is unable to provide housing for spouses or families of summer session students. Both air-conditioned and non-air-conditioned housing is available on a first-come, first-served basis. **Non-Air-conditioned housing is not available in the residence halls until the opening of the main summer session, beginning at 3:00 p.m. on Saturday, June 18.** 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 2011. Summer session housing includes cable internet connections. A local telephone plan for the residence hall room is available on request at an additional charge.

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

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

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

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

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

Residence hall check-in is 3:00 p.m. to 9:00

p.m. daily, on the day before a particular program is scheduled to begin. Other commitments of these facilities preclude earlier availability.

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

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

Students in residence should note that it may not be possible to extend the original period of residency without advance notice. All residents must vacate their rooms within 24 hours after their last class. Housing is not available after 11:00 a.m. on Saturday, August 6.

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. The University’s laundry service (St. Michael’s Laundry and Dry Cleaning) for personal items is not available. However, students can use the dry cleaning and shirt services by dropping their items at our campus location or the Main Plant north of the main campus. Coin-operated washers and dryers are available to summer residents in all residence halls. For all services check our web-site at <http://laundry.nd.edu>

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

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

Summer session meals begin May 31, 2011 and end August 4, 2011. The following meal plans may be purchased for any number of weeks. Note: There will be no dinner meal on Friday, June 3, 2011.

Blue Plan (Up to 21 meals per week/3 meals per day): \$160 per week

Gold Plan (Up to 14 meals per week in any combination): \$137.25 per week

Perfect 10 (Up to 10 meals per week in any combination): \$110.00 per week

Perfect 5 (Up to 5 meals per week in any combination): \$57.75 per week

Flex Points and Domer Dollars. Purchase Flex Points or Domer Dollars for convenient on campus food, beverage, and laundry purchases on campus. These are programmed onto your ID card for use during the entire summer session (with or without a Meal Plan) to buy food and beverage by debit at campus restaurants and eateries. Many students supplement Meal Plans with Flex Points to experience a variety of food choices across campus. Once purchased, Flex Points

10 STUDENT ACCOUNTS

are nonrefundable and unused Flex Points expire after August 5, 2011. Visit food.nd.edu for a complete listing of Food Service locations.

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

Breakfast: \$7.94

Lunch: \$11.92

Dinner: \$13.32

STUDENT ACCOUNTS

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

Students whose accounts have not been paid in full at the end of the summer session will not receive transcripts 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 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 registration.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UNIVERSITY HEALTH SERVICES

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

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

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

Written permission for medical treatment of a minor (any person under 18 years) is required from the parent or legal guardian and should be on file at the Student Health Center in order for services to be rendered. After hour urgent care is available at the Medpoint located at 6913 North Main Street, Granger, or at the Emergency Rooms of Memorial Hospital or Saint Joseph Regional Medical Center. Memorial Hospital is located in downtown South Bend. St. Joseph Regional Medical Center is located at 5215 Holy Cross Parkway in Mishawaka. For a medical emergency, dial 911.

UNIVERSITY COUNSELING CENTER

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

During the summer the UCC is staffed by licensed professional psychologists, counselors, social workers, a psychiatrist and doctoral psychology interns who are supervised by

psychologists. During the academic year the UCC also employs a nutritionist.

Professional services are usually by 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. During the summer, the Center is open from 9:00 a.m. to 4:00 p.m., Monday through Friday.

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

IMPORTANT INFORMATION ABOUT CAMPUS SECURITY AND FIRE SAFETY

The security of all members of the campus community is of paramount concern to the University of Notre Dame. The University publishes an annual report outlining security and fire safety information and crime statistics for campus. This document provides suggestions regarding crime prevention strategies and important policy information about emergency procedures, reporting of crimes, law enforcement services on campus, fire safety, and information about support services for victims of sexual assault. The brochure also contains information about the University's policy on alcohol and other drugs, the SafeWalk program and campus shuttle service. You may view the document on the web at: <http://ndsp.nd.edu/crime-information-and-clery-act/safety-brochure-clery-act> A printed copy of this brochure is available by sending an email request to ndsp@nd.edu or by writing to: Office of the Director, University Security Police, 204 Hammes Mowbray Hall, Notre Dame, IN 46556.

UNDERGRADUATE COLLEGES

Admission Requirements. Undergraduate students of other schools who wish to take Notre Dame summer courses and transfer credits should apply for admission to the summer session as non-degree students. Students selecting courses in science or engineering are required to submit official transcripts.

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

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

A Notre Dame undergraduate or graduate student who has been dismissed from the University because of poor scholarship or for other reasons may not be enrolled in the Notre Dame summer session under any classification.

THE GRADUATE SCHOOL

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

Application for Admission to a Degree Program. Applicants seeking admission to a graduate degree program must complete the Graduate School’s online application by the deadline specified for that program. 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 post-secondary institutions attended; (2) scores from the general test of the Graduate Record Examination (GRE) taken within the

last five years; (3) three letters of recommendation; and (4) a statement of intent. Some departments have additional requirements. Please see the program’s website for details.

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 may apply for courses online. The online application is available on the Notre Dame Summer Session website at summersession.nd.edu.

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 complete the ND Roll Call process (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 registered and completed the ND Roll Call process in the spring semester of 2011 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 completing the ND Roll Call process for academic credit in the summer session.

Students who expect to graduate in August must register and complete the ND Roll Call process 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 program 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 programs may have higher standards. Students are expected to know their program's 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 program. There may also be one co-director 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 program. Arrangements for extradepartmental directors or co-directors 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 actively participated 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 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 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

14 COURSE NUMBERING AND SCHEDULING

formal 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 two 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

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

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

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

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

SUBJ 9X-XXXX = upper-level graduate course

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

SUBJ XO-XXX = regular classroom course

SUBJ X1-XXX = lab/drill/studio

SUBJ X2-XXX = tutorial/discussion group

SUBJ X3-XXX = seminar

SUBJ X4-XXX = off-campus/study abroad

SUBJ X5-XXX = internship/fieldwork

SUBJ X6-XXX = directed readings

SUBJ X7-XXX = special studies

SUBJ X8-XXX = thesis/research/dissertation

SUBJ X9-XXX = reserved for future use

Days of the Week Relating to Class Meetings.

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

AEROSPACE AND MECHANICAL ENGINEERING

Chair:

John E. Renaud, Ph.D.
Dept. Tel.: (574) 631-5430

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

AME 48491 01: Undergraduate Research

Variable credits
6/20 - 8/05

CRN varies with instructor

Last add date: 6/25

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

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

AME 67099 02: Special Studies

Variable credits
6/20 - 8/05

CRN varies with instructor

Last add date: 6/25

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

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

AME 67663 02: Advanced MEME Project

Variable credits, Renaud
6/20 - 8/05

CRN: 2884

Last add date: 6/25

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

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

AME 67720 01: Special Studies in Nonlinear Viscoelastic Mechanics

Variable credits, Niebur
6/20 - 8/05

CRN: 3760

Last add date: 6/25

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

Description: Course will involve directed readings in linear and nonlinear viscoelastic constitutive models, and their application to the mechanics of biological materials.

AME 68691 03: Thesis Research

Variable credits
6/20 - 8/05

CRN varies with instructor

Last add date: 6/25

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

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

AME 68697 02: Nonresident Thesis Research

Variable credits
6/20 - 8/05

CRN varies with instructor

Last add date: 6/25

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

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

AME 97099 01: Special Studies

Variable credits, Corke
6/20 - 8/05

CRN: 1186

Last add date: 6/25

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

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

AME 98991 01: Dissertation Research

Variable credits
6/20 - 8/05

CRN varies with instructor

Last add date: 6/25

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

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

AME 98998 01: Nonresident Dissertation Research

Variable credits
6/20 - 8/05

CRN varies with instructor

Last add date: 6/25

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

Description: This course is reserved to provide the required continuing minimal registration of one credit hour per academic semester for nonresident graduate students who wish to retain their degree status. (As needed)

AFRICANA STUDIES

Chair:

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

The Program of Studies. At Notre Dame, the Department of Africana Studies stands at

the center of scholarship focused on Africa, the African American experience 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, economics, and religions that the African continent has given rise to, in the United States and beyond. These inquiries are conducted within an interdisciplinary framework that incorporates the expertise of faculty members from a wide variety of fields.

AFST 10401 01: Introduction to Jazz

3 credits, Dwyer

6/20 - 8/05 MTWR 8:55 AM-10:15 AM

CRN: 3199

Last add date: 6/25

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

Description: A music appreciation course requiring no musical background and no prerequisites. General coverage of the history, various styles, and major performers of jazz, with an emphasis on current practice.

AFST 30202 01: African-American History II: Since 1865

3 credits, Pierce

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3266

Last add date: 6/22

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

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

AFST 33175 01: Afrofuturism: Science (Fiction) Literature and Film from the African Diaspora

3 credits, Jackson

6/20 - 7/08 MTWRF 12:20 PM-3:00 PM

CRN: 3862

16 AMERICAN STUDIES

Last add date: 6/22

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

Description: This course takes up the genre of science fiction as expressed in post-Civil Rights literature and film. It offers a close examination of the conventions of the genre, as they developed to represent different national conflicts including the Vietnam War, Civil Rights, Black Power, feminism, globalization, and US militarism at home and abroad. Attention will be paid to codes of gender, ideologies of race and nation, and representations of technology. The course is especially interested in the manner with which film and literature articulate African diasporic experiences of alienation, objectification, and displacement. Another important component will be an analysis of how science fiction participates in a larger economy of representational blackness, especially popular music and new media. This genre study will also consider genre crossings including documentary, fantasy, and horror.

AFST 33701 01: Sociology of Sport

3 credits, Welch

6/20 - 8/05 TR 1:15 PM-3:45 PM

CRN: 3583

Last add date: 6/25

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

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

AFST 43176 01: Miranda Speaks: Caribbean Women Writers

3 credits, Palko

7/11 - 7/29 MTWRF 8:30 AM-11:00 AM

CRN: 3861

Last add date: 7/13

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

Description: The Caribbean has fascinated Europe since Columbus's 15th century voyages, rapidly inspiring the Shakespearean figures of Caliban, Prospero, and Miranda. In the 20th century, Caribbean (male) intellectuals appropriated these tropes,

figuring themselves as Caliban to Europe's Prospero. This new configuration of power, however, still silenced Miranda, an exclusion that Caribbean women have sought to rectify for the past four decades. This course will begin with two plays written by men in order to contextualize the trope of Caliban and Miranda, illustrating the ways in which the Caribbean has figured in Western imaginations since its "discovery"; it will then focus on the development of women's voices in their attempts to define and describe their unique concerns. Novels have been chosen to represent the diversity of authors at work in this region; as such, they come from six different islands (plus the US and France) with varied cultures and traditions, representing three of the dominant linguistic traditions (English, French, and Spanish) in the Caribbean. Readings are grouped thematically, exploring themes such as colonization, madness, childhood, memory, and subjugation (also touching on family relationships, love, and sexuality), with the objective of arriving at a fundamental, but necessarily incomplete, understanding of this complex region and its concerns as expressed in its radical rereading of Western culture. As early as our reading of Sylvia Wynter's essay "Beyond Miranda's Meanings: Un/silencing the 'Demonic Ground' of Caliban's 'Woman'," we will begin to see why the course title is necessarily problematic and to explore the various restrictions of women's voices in the Caribbean and the implications of overcoming them. Authors to be read include: Mayotte Capécia, Michelle Cliff, Maryse Condé, Edwidge Danticat, Cristina Garcia, Merle Hodge, Elizabeth Nuñez, Gisèle Pineau, Jean Rhys, and Sylvia Wynter. Course requirements include five short response papers.

AMERICAN STUDIES

Chair:

Erika Doss, Ph.D.

Dept. Tel.: (574) 631-7316

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

AMST 30315 01: We Hold These Truths: Catholics in 20th Century America

3 credits, Appleby

6/20 - 8/05 TR 1:15 PM-3:45 PM

CRN: 3621

Last add date: 6/25

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

Description: As a survey of the Catholic presence in the United States during "the American century," the focus of the class will be on the ways Catholics integrated their national and religious identities. Defining American culture broadly, we will discuss Catholic politicians and laborers, monks and nuns, pacifists and cold warriors. What was the relationship between Catholic spirituality, cultural criticism and social reform? What consequences did conflict over sex and gender have in the realm of church authority and lay practice? Why did Catholics stop going to confession in the mid-sixties? We will examine the challenges of being American and Catholic by exploring Catholic themes in American popular music, film, and fiction; Catholic social teaching on the economy and nuclear war; and the changes in Catholic religious practice and self-understanding inspired by the events of the 1960s, including the Second Vatican Council and the civil rights movement. Profiles of "everyday Catholics" drawn from primary historical sources will be complemented by brief excerpts from the writings of influential thinkers and activists such as John Ryan, Dorothy Day, John Courtney Murray, Thomas Merton, Richard Rodriguez, Cardinal Joseph Bernardin and Cathleen Kaveny. Two class sessions will be devoted to Notre Dame's role in this story, including the vocation and career of Father Ted Hesburgh, while three class sessions will be devoted to contemporary challenges facing Catholics and the Church.

AMST 30341 01: African-American History II: Since 1865

3 credits, Pierce

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3267

Last add date: 6/22

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

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

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

ANTHROPOLOGY

Chair:

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

The Program of Studies. The Department of Anthropology offers a summer program of courses selected to meet the needs of those enrolled during the regular academic year and also for those students or professionals who need training and/or credit toward graduate or undergraduate degrees at Notre Dame or other institutions.

ANTH 20330 01: Popular Culture, Diversity and Social Change

3 credits, Jindra
6/20 - 7/08 MTWRF 8:30 AM-11:10 AM
CRN: 3873
Last add date: 6/21
Drop dates: refund, 6/23; last, 6/29
Description: This course will address the increased influence of popular culture in its various forms (e.g. television, video games, sports, digital social networks), including its impact on lifestyle, religion, politics, education, and diverse socioeconomic outcomes. It will also address increased diversity (of lifestyle, subcultures, ethnicity and religion) and globalization. Finally, it will examine how popular culture increases various forms of diversity. Cross cultural comparisons will be made.

ANTH 30190 01: Infancy: Evolution, History and Development

3 credits, McKenna
6/20 - 7/08 MTWRF 12:20 PM-3:00 PM
CRN: 3770
Last add date: 6/22
Drop dates: refund, 6/24; last, 6/30
Description: Explores aspects of infant biology and socio-emotional development in relationship to western childcare practices and parenting. Western pediatric approaches to infancy and parenting are evaluated in light of western cultural history and

cross-cultural, human evolutionary and developmental data. A variety of mammals are included as a comparative background to explore the relationships between infant physiology, mental and physical health and contemporary infant care giving concepts.

ANTH 35550 01: Historical Archaeology of Irish America

3 credits, Rotman
6/22 - 8/05 MTWRF 8:30 AM-5:00 PM
CRN: 3785

Last add date: 6/26
Drop dates: refund, 6/30; last, 7/14
Note: \$399 lab/transportation fee.
Description: This course consists of six 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 historic archaeological materials by working with artifacts collected during the field excavation. There are no prerequisites for this course, but an introductory course in anthropology or archaeology is helpful. The schedule includes: a week-long cultural study in Ireland, three weeks of excavation on Beaver Island in northern Lake Michigan, and two weeks in the Reyniers Laboratory in South Bend for additional processing and preliminary analyses. For an application, please e-mail Dr. Rotman at drotman@nd.edu.

ANTH 35588 01: Archaeology Field School

3 credits, Schurr
7/05 - 7/22 MTWRF 8:30 AM-6:00 PM
CRN: 3344
Last add date: 7/06
Drop dates: refund, 7/08; last, 7/13
Note: \$200 lab/transportation fee.
Description: Three weeks of practical instruction in the methods and theory of archaeological survey, excavation and laboratory analysis. Students learn field techniques and apply them to investigations of both prehistoric and historic archaeological materials by working with artifacts collected during the field course. In addition to the basic archaeological techniques the class will introduce modern remote sensing methods, including lessons on how to use a total station (laser transit) and equipment for magnetic and resistivity surveys. Student teams will learn how to operate the geophysical survey instruments and will use the instruments to conduct geomagnetic

and soil resistivity surveys of a portion of the archaeological features present, and the field school excavations will be designed to evaluate their theories. There are no prerequisites for this course, but prior exposure to an introductory course in anthropology or archaeology is helpful. In addition to tuition, this course requires payment of a laboratory/transportation fee.

ANTH 45818 01: NSF-REU Biocultural Research Program

Variable credits, Sheridan
6/06 - 7/22 MTWRF 10:00 AM-6:00 PM
CRN: 2747
Last add date: 6/10
Drop dates: refund, 6/14; last, 6/29
Note: Application required. For further information contact: Prof. Susan Sheridan, 637 Flanner Hall, Notre Dame, IN 46556 (574) 631-7670, Sheridan.5@nd.edu or visit the project website at <http://www.nd.edu/~nsfbones/nsfbones/Home.html>
Description: This hands-on research course will engage students in an experiential learning environment that immerses them in anthropological method and theory. Using the large Byzantine St. Stephen's skeletal collection from Jerusalem as the cornerstone, historical and archaeological information will be synthesized in a biocultural reconstruction of ancient monastic life. Students will conduct original research, share in an active field trip program, and participate in a lecture program delivered by top scholars in the fields of biological anthropology, classics, and Near Eastern studies. Students will develop a suite of methodological skills in the natural and social sciences, explore artifacts and life ways of the study population, delve into the pertinent literature using several world-class libraries, develop skills for collaborative research, and discover the importance of a holistic approach to a fuller understanding of life in the past.

ANTH 46200 01: Directed Readings - Medical Anthropology

Variable credits, McKenna
6/20 - 8/05
CRN: 3306
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Intensive independent readings on a special problem area in medical anthropology about which the student will be expected to produce a detailed annotated bibliography and write a scholarly paper.

18 APPLIED AND COMPUTATIONAL MATHEMATICS AND STATISTICS

ANTH 46300 01: Directed Readings in Sociocultural Anthropology

Variable credits, Mack
6/20 - 8/05

CRN: 3294

Last add date: 6/25

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

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

ANTH 46300 02: Directed Readings in Sociocultural Anthropology

Variable credits, Richman
6/20 - 8/05

CRN: 3742

Last add date: 6/25

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

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

ANTH 48500 01: Directed Research in Archaeology

Variable credits, Schurr
7/05 - 7/22

CRN: 3399

Last add date: 7/06

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

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

ANTH 48500 02: Directed Research in Archaeology

Variable credits, Rotman
6/22 - 8/05

CRN: 3734

Last add date: 6/26

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

Note: For ANTH 48500 Section 02:

Application required: drotman@nd.edu.
\$399 lab/transportation fee.

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

ANTH 65588 01: Archaeology Field School

3 credits, Schurr

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

CRN: 3345

Last add date: 7/06

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

Note: \$200 lab/transportation fee

Description: Three weeks of practical instruction in the methods and theory of archaeological survey, excavation and laboratory analysis. Students learn field techniques and apply them to investigations of both prehistoric and historic archaeological materials by working with artifacts collected during the field course. In addition to the basic archaeological techniques the class will introduce modern remote sensing methods, including lessons on how to use a total station (laser transit) and equipment for magnetic and resistivity surveys. Student teams will learn how to operate the geophysical survey instruments and will use the instruments to conduct geomagnetic and soil resistivity surveys of a portion of the archaeological features present, and the field school excavations will be designed to evaluate their theories. There are no prerequisites for this course, but prior exposure to an introductory course in anthropology or archaeology is helpful. In addition to tuition, this course requires payment of a laboratory/transportation fee.

ANTH 65818 01: NSF-REU Biocultural Research Program

Variable credits, Sheridan

6/06 - 7/22 MTWRF 10:00 AM-6:00 PM

CRN: 2748

Last add date: 6/10

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

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

Description: This hands-on research course will engage students in an experiential learning environment that immerses them in anthropological method and theory. Using the large Byzantine St. Stephen's skeletal collection from Jerusalem as the cornerstone, historical and archaeological information will be synthesized in a biocultural reconstruction of ancient monastic life. Students will conduct original research, share in an active field trip program, and participate in a lecture program delivered by top scholars in the fields of biological anthropology, classics, and Near Eastern studies. Students will develop a suite of methodological skills in the natural and social sciences, explore

artifacts and life ways of the study population, delve into the pertinent literature using several world-class libraries, develop skills for collaborative research, and discover the importance of a holistic approach to a fuller understanding of life in the past.

ANTH 68500 01: Directed Research - Archaeology

Variable credits, Schurr

7/05 - 7/22

CRN: 3346

Last add date: 7/06

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

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

DEPARTMENT OF APPLIED AND COMPUTATIONAL MATHEMATICS AND STATISTICS

Chair:

Steven Buechler

Dept. Tel.: (574) 631-8630

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

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

ACMS 46800 01: Directed Readings

Variable credits

6/20 - 8/05

CRN varies with instructor

Last add date: 6/25

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

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

ACMS 88900 01: Research & Dissertation

Variable credits

6/20 - 8/05

CRN varies with instructor

Last add date: 6/25

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

Description: Research and dissertation for resident graduate students.

ACMS 98900 01: Nonresident Dissertation Research

1 credit

6/20 - 8/05

CRN varies with instructor

Last add date: 6/25

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

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

ARCHITECTURE

Dean:

Michael Lykoudis

Dept. Tel.: (574) 631-6137

ARCH 61011 01: Introduction to Architectural Representation

0 credit, Hoyt

8/01 - 8/19 MTWRF 9:00 AM-5:00 PM

CRN: 2888

Last add date: 8/02

Drop dates: refund, 8/04; last, 8/10

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

ART, ART HISTORY, AND DESIGN

Chair:

Charles E. Barber, Ph.D.

Dept. Tel.: (574) 631-7602

The Program of Studies. The summer program in art offers undergraduate level courses leading to the bachelor of arts (B.A.)

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

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

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

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

ART HISTORY COURSES

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

3 credits, Coleman

6/20 - 7/08 MTWRF 12:20 PM-3:00 PM

CRN: 3402

Last add date: 6/22

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

Description: This course surveys Italian painting, sculpture, and architecture of the 17th and 18th centuries, a period that also witnessed the foundation and suppression of the Jesuit Order, the Counter-Reformation, absolute monarchy, and democratic nations. Thus, the course begins with the "new Rome" of Pope Sixtus V, which attracted pilgrims and artists from all over Europe, and ends with the early years of the Enlightenment. From northern Italy came Caravaggio and the Carracci, artists who were responsible for creating a new style based upon High Renaissance principles and a new kind of naturalism derived from the study of life. There was Bernini, whose archi-

tectural and sculptural monuments almost single-handedly gave Rome its Baroque character. Other artists and architects of this era under discussion include such diverse personalities as Borromini, Guarini, Algardi, Artemisia Gentileschi, and the great ceiling painters Pietro da Cortona, Baciccio, Pozzo, and Tiepolo.

ARHI 45310 01: Art History Internship

Variable credits, Rosenberg

6/20 - 8/05

CRN: 3574

Last add date: 6/25

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

Description: This course provides an opportunity for the art history student to earn credit through an internship with a museum, a gallery, or an auction house.

ARHI 66372 01: Directed Readings-Ren/Baroque

Variable credits, Coleman

6/20 - 8/05

CRN: 3736

Last add date: 6/25

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

Description: Specialized reading related to the study of Renaissance/Baroque art history under the direction of an individual faculty member.

ARHI 66372 03: Directed Readings-Ren/Baroque

Variable credits, Rosenberg

6/20 - 8/05

CRN: 3740

Last add date: 6/25

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

Description: Specialized reading related to the study of Renaissance/Baroque art history under the direction of an individual faculty member.

ARHI 66572 01: Directed Readings

Variable credits, Pyne

6/20 - 8/05

CRN: 2337

Last add date: 6/25

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

Description: Permission required. Specialized reading related to the student's area of study.

ARHI 67472 01: Special Studies - Modern

Variable credits, Pyne

6/20 - 8/05

CRN: 3618

Last add date: 6/25

20 ART, ART HISTORY, AND DESIGN

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

Description: Independent study in modern art history under the direction of an individual faculty member.

ARHI 68573 01: Thesis Direction

Variable credits, Pyne

6/20 - 8/05

CRN: 1774

Last add date: 6/25

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

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

ARHI 68574 01: Nonresident Thesis Research

Variable credits, Pyne

6/20 - 8/05

CRN: 1773

Last add date: 6/25

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

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

ART DESIGN COURSES

DESN 41106 01: Web Page Design

3 credits, Sherman

7/11 - 7/29 MTWRF 8:30 AM-1:00 PM

CRN: 3864

Last add date: 7/13

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

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

DESN 47171 01: Special Studies--Graphic Design

Variable credits, Sedlack

6/20 - 8/05

CRN: 3207

Last add date: 6/25

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

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

DESN 47371 01: Special Studies-Internship

3 credits, Down

6/20 - 8/05

CRN: 2929

Last add date: 6/25

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

Description: Permission required.

Independent study in design.

STUDIO COURSES

ARST 11201 01: Drawing I

3 credits, Zorn

7/11 - 7/29 MTWRF 1:30 PM-6:00 PM

CRN: 3403

Last add date: 7/13

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

Description: This course deals with form depiction in its many aspects and modes and is intended for beginning students as well as advanced students who need additional experience in drawing. Lab fee.

ARST 11601 01: 3-D Foundations

3 credits, Krueger

6/20 - 7/08 MTWRF 8:30 AM-1:00 PM

CRN: 3404

Last add date: 6/22

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

Description: This required core course for all art majors introduces the student to three-dimensional art by producing sculptures (both figurative and abstract) in a variety of media. Contemporary movements in sculpture are examined through slide lectures and attendance at visiting artist lectures and visits to exhibitions. Materials fee.

ARST 21101 01: Ceramics I

3 credits, Wolochowicz

6/20 - 8/05 MTWR 6:30 PM-9:00 PM

CRN: 3191

Last add date: 6/25

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

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

ARST 21401 01: Photography I

3 credits, Romaniko

6/20 - 7/08 MTWRF 1:30 PM-6:00 PM

CRN: 3863

Last add date: 6/22

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

Description: BA Core Option/BFA Core.

This course is an introduction to the theory

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

ARST 78706 01: Nonresident Thesis Research

1 credit, Lopez

6/20 - 8/05

CRN: 1275

Last add date: 6/25

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

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

ARST 78707 01: Research and Dissertation

Variable credits, Lopez

6/20 - 8/05

CRN: 2339

Last add date: 6/25

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

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

ARST 78708 01: Thesis Direction

Variable credits, Lopez

6/20 - 8/05

CRN: 2338

Last add date: 6/25

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

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

ARTS AND LETTERS NONDEPARTMENTAL

Associate Dean:

JoAnn DellaNeva, Ph.D.
Dept. Tel.: (574) 631-8636

AL 27001 01: Special Studies

Variable credits, Hurley
6/20 - 8/05

CRN: 3202

Last add date: 6/25

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

Description: This is a zero-credit course for students engaged in independent research or working with a faculty member or a member of the University staff on a special project. Registration requires a brief description of the research or project to be pursued and the permission of the director of the Summer Session.

AL 36000 01: Directed Readings

3 credits, Preacher
6/20 - 8/05

CRN: 3764

Last add date: 6/25

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

Description: Students pursue an individual reading program on a topic not available in a regular class, designed with and supervised by a member of the faculty, leading to the production of oral and written reports reflecting deeper theoretical and empirical understanding.

AL 48999 01: Research Experience for Undergraduates

0 credit, Hurley
6/20 - 8/05

CRN: 3017

Last add date: 6/25

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

Description: This is a zero-credit course for students engaged in independent research for working with a faculty member or a member of the University staff on a special project. Registration requires a brief description of the research or project to be pursued and the permission of the director of the Summer Session. This course is taken as an indication of the student's status on campus and is meant to allow the registered student to use the University facilities as the Summer Session permits. No course work is required.

BIOLOGICAL SCIENCES

Chair:

Gary A. Lamberti, Ph.D.
Dept. Tel. (574) 631-6552

BIOS 10107 01: Ecology and Environmental Issues

3 credits, Olsen

6/20 - 8/05 MTWR 10:30 AM-11:50 AM

CRN: 3268

Last add date: 6/25

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

Description: Emphasis will be placed upon today's ecological and environmental problems and the possible effect they may have upon the future evolution of life on Earth. Topics will generally include an overview of the theory of evolution and a discussion of ecological principles as observed at the population, community, and ecosystem levels. The influence of cultural and political factors will also be discussed. Each academic year, one or more sections will be offered; some may be individually subtitled, allowing for one-time presentation of specific topics within the context of "environment and evolution" in addition to multiple-semester presentations of a specific topic (e.g., Evolutionary Ecology, Freshwater and Society, Environmental Issues and Solutions). This course counts as general elective credit only for students in the College of Science.

BIOS 35502 01: Practicum in Environmental Field Biology East

6 credits, Belovsky, Carson, Cramer, Crowl, Joern, Pfrender
5/16 - 7/26

CRN: 2937

Last add date: 5/22

Drop dates: refund, 5/29; last, 6/20

Note: Each student is provided with a \$2500 stipend, tuition and expenses. For further information, write Dr. Gary Belovsky, Department of Biological Sciences, Notre Dame, IN 46556.

Description: Practical training in aquatic and environmental biology through lecture and field experience at the University's environmental research facility located in northern Wisconsin and the upper peninsula of Michigan. Course includes an independent research project.

BIOS 35503 01: Practicum in Environmental Biology West

6 credits, Belovsky, Mack, Klug, Roberts
6/10 - 8/12

CRN: 2938

Last add date: 6/15

Drop dates: refund, 6/22; last, 7/11

Note: Each student is provided with a \$2500 stipend, tuition and expenses. For further information, write Dr. Gary Belovsky, Department of Biological Sciences, Notre Dame, IN 46556.

Description: This course is designed to give the student advanced practical laboratory experience in ecological studies in the grasslands and mountains of western Montana on the Flathead Indian Reservation. The nine week learning experience consists of one week modules on grassland ecology, montane ecology, wildlife ecology, and human ecology focusing on ancestral Native American lifeways, and each student conducts an independent research project over the remaining five weeks.

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

2 credits, Veselik

7/11 - 7/29 MTWR 9:00 AM-12:00 PM

CRN: 4172

Last add date: 7/12

Drop dates: refund, 7/14; last, 7/20

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

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

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

BIOS 46497 01: Directed Readings

Variable credits, Grimstad
6/20 - 8/05

CRN: 2232

Last add date: 6/25

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

Note: Instructor approval required.

Description: This course provides the opportunity for independent study through readings on specific topics in biological science. Readings are chosen with the advice of the supervising instructor. Students may not register for more than three credits per semester; only two credits per semester may be counted as BIOS elective credits by majors. Offered all semesters.

BIOS 48499 01: Undergraduate Research

Variable credits, Grimstad
6/20 - 8/05

CRN: 1093

Last add date: 6/25

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

Note: Instructor approval required.

Description: Research in collaboration with members of the faculty. Evaluation of performance will be accomplished through regular discussions with the faculty member in charge of the course. Enrollment must be completed before the end of the first week each semester. Students may not register for more than three credits per semester; only two credits per semester may be counted as BIOS elective credits by majors. Offered all semesters.

BIOS 48999 01: Research Experience for Undergraduates

0 credit, Whaley
6/20 - 8/05

CRN: 3738

Last add date: 6/25

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

Description: This is a zero-credit course for students engaged in independent research or working with a faculty member or a member of the University staff on a special project. Registration requires a brief description of the research or project to be pursued and the permission of the director of the Summer

Session. This course is taken as an indication of the student's status on campus and is meant to allow the registered student to use the University facilities as the Summer Session permits. No course work is required.

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

Variable credits, Jensen
6/20 - 8/05

CRN: 3051

Last add date: 6/25

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

Description: The GLOBES (Global Linkages of Biology, the Environment, and Society) series of courses offered each semester reflect various areas of life science relevant to multiple disciplines. Students should expect to have a different topic offered every semester under the GLOBES heading. The course is repeatable since potentially every semester the topics vary.

BIOS 68599 01: Thesis Direction

Variable credits, Boyd
6/20 - 8/05

CRN: 1772

Last add date: 6/25

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

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

BIOS 77672 01: Special Problems

Variable credits, Boyd
6/20 - 8/05

CRN: 1770

Last add date: 6/25

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

Description: A continuation of special topics in the field of interest of individual graduate students.

BIOS 87061 01: Research Experience for Teachers Biological Sciences Workshop

3 credits, Veselik
7/11 - 7/29

CRN: 3773

Last add date: 7/13

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

Description: Participating teachers will raise their level of understanding of relevant biology by engaging important topics in a "hands on" way in the workshop. They will be able to transform what they have learned into new curricular materials that will improve the abilities of their students and hopefully stimulate them to consider a career in science. The teaching assistant and mentors will introduce the topics, providing background

and initial exercises as necessary, but the goal will be to shift the focus to the teachers who will pose and investigate questions according to their own interests and abilities. The mentors and assistant will serve as catalysts and advisors in the process. Teachers will engage one or more topics of relevant, horizon expanding, biology.

BIOS 88600 01: Non-Resident Thesis Direction

1 credit, Boyd
6/20 - 8/05

CRN: 1771

Last add date: 6/25

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

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

BIOS 98699 01: Research & Dissertation

Variable credits
CRN varies with instructor
6/20 - 8/05

Last add date: 6/25

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

Description: Research and dissertation for resident doctoral students.

BIOS 98700 01: Nonresident Dissertation Research

1 credit, Boyd
6/20 - 8/05

CRN: 1768

Last add date: 6/25

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

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

MENDOZA COLLEGE OF BUSINESS

Coordinator:

Samuel S. Gaglio, M.A.

Dept. Tel.: (574) 631-6602

ACCT 20100 01: Accountancy I

3 credits, Hums
6/20 - 8/05 MTWR 8:55 AM-10:15 AM

CRN: 1767

Last add date: 6/25

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

Description: An introduction to the techniques of accounting and the accounting profession, with an emphasis on the decision-usefulness of accounting information. The course stresses the relation of accounting to economic activity, organizing information for decision making, the resource acquisition

decision, the uses of cash and noncash resources, the accounting for selling and manufacturing activities, and the information needs of multiple owners, lenders and equity holders. A prerequisite of all accountancy and finance courses. Also offered to nonbusiness students. Recommended University elective.

ACCT 20200 01: Accountancy II

3 credits

6/20 - 8/05 MTWR 8:55 AM-10:15 AM

CRN: 3783

Last add date: 6/25

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

Description: A continuation of the introduction to accounting, with an emphasis on the decision-usefulness of accounting information. An analysis of the tools used for evaluation of financial and operating performance. The use of budgets and accounting systems for centralized decision making, decentralized decision making, participative budgeting, monitoring and control, and intrafirm contracts. Introduction to not-for-profit entities, attestation, and taxation. Also offered to nonbusiness students who have taken the prerequisite.

ACCT 40610 01: Federal Taxation

3 credits, O'Brien

6/20 - 8/05 MTWR 11:45 AM-1:05 PM

CRN: 3585

Last add date: 6/25

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

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

BACM 30490 01: Persuasion

1.5 credits, Collins

6/20 - 7/08 TR 6:30 PM-9:10 PM

CRN: 3336

Last add date: 6/22

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

Description: Recognizing the power of persuasion, this course offers students insight into the factors that affect our ability to change the beliefs, attitudes, and behaviors of others. The course explores theories of social influence and guides students in the application of those theories to situations in the modern business environment.

Given the power of persuasion, the course especially addresses the importance of ethical persuasion.

BACM 30500 01: Conflict Management

1.5 credits, Collins

7/11 - 7/29 TR 6:30 PM-9:10 PM

CRN: 3343

Last add date: 7/13

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

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

BAET 20300 01: Introduction to Business Ethics

1 credit, McManus Warnell

6/20 - 7/20 TR 11:45 AM-1:05 PM

CRN: 3894

Last add date: 6/22

Drop dates: refund, 6/25; last, 7/05

Description: This course is designed to give the student an introduction to the central questions and fundamental character of ethics and morality. The course is focused on a discussion of ethical theories that can help to guide students' problem solving in ethical situations they will encounter in business. Ethical dilemmas faced by business people will be integrated into the class for purposes of discussion and analysis.

BALW 20150 01: Business Law: Contracts and Agency

3 credits, O'Brien

6/20 - 8/05 MTWR 10:20 AM-11:40 AM

CRN: 2831

Last add date: 6/25

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

Description: This course examines the background of the legal process and the judicial system, torts, contracts and the Uniform Commercial Code and agency law. Required for all BA students.

BAMG 20100 01: Statistics in Business

3 credits, Chang

6/20 - 8/05 TR 1:10 PM-3:50 PM

CRN: 2824

Last add date: 6/25

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

Note: Students registering for this class must have already taken three hours of calculus.

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

FIN 20150 01: Corporate Financial Management

3 credits, Spiess

6/20 - 8/05 TR 10:20 AM-1:00 PM

CRN: 3784

Last add date: 6/25

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

Description: The course provides an in-depth and quantitative examination of the principles of financial decision-making. Students learn the concept of value maximization, mathematics of finance, valuation of financial securities, capital investment evaluation, the estimation of required rates of return, financial statement analysis, and the theory of capital structure.

FIN 30210 01: Managerial Economics

3 credits, Leady

6/20 - 8/05 TR 1:10 PM-3:50 PM

CRN: 3772

Last add date: 6/25

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

Description: This course provides a coordination of economic theory and managerial practice. Topics covered include: consumer demand, production functions, cost behavior, output determination, and pricing within various market structures.

FIN 30220 01: Macroeconomic Analysis

3 credits, Stiver

6/20 - 8/05 MW 1:10 PM-4:00 PM

CRN: 1778

Last add date: 6/25

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

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

MGT 20200 01: Principles of Management

3 credits, Bretz

6/20 - 8/05 TR 10:20 AM-1:00 PM

CRN: 4153

Last add date: 6/25

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

24 CHEMICAL AND BIOMOLECULAR ENGINEERING

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

MGT 20600 01: IT Management Applications

3 credits, Ghiaseddin
6/20 - 8/05 MWF 8:25 AM-10:15 AM

CRN: 3394

Last add date: 6/25

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

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

CHEMICAL AND BIOMOLECULAR ENGINEERING

Chair:

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

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

CBE 45490 01: Internship Experience

Variable credits, McCready
6/20 - 8/05

CRN: 1007

Last add date: 6/25

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

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

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

CBE 48901 01: Undergraduate Research

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Note: Chair approval required.

Description: A graded research project at the undergraduate level under the supervision of a faculty member. A substantial written document describing the research project, results, and conclusions is required.

CBE 58991 01: Nonresident Thesis Research

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

CBE 66697 01: Directed Readings

Variable credits, McCready

6/20 - 8/05

CRN: 1005

Last add date: 6/25

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

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

CBE 67690 01: Industrial Research Experience

Variable credits, McCready

6/20 - 8/05

CRN: 1130

Last add date: 6/25

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

Note: Chemical engineering graduate students only, with permission of their advisor.
Description: Intended to facilitate research interactions between Notre Dame and Industry by allowing students to get credit for work experience.

CBE 68801 01: Thesis Direction

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

CBE 68901 01: Research and Dissertation

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Research and dissertation for resident doctoral students.

CBE 68991 01: Nonresident Dissertation Research

1 credit

CRN Varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

CBE 87810 01: Visiting Teacher Special Studies

Variable credits

6/20 - 8/05

CRN: 2898

Last add date: 6/25

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

Description: Special independent study course for visiting teachers.

CHEMISTRY AND BIOCHEMISTRY

Chair:

Kenneth W. Henderson, Ph.D.

Associate Chair:

Paul Helquist, Ph.D.

Assistant Chair:

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

CHEM 10172 01: Organic Structure and Reactivity

4 credits

5/24 - 6/24 MTWRF 10:20 AM-12:15 PM

5/24 - 6/24 F 8:30 AM-10:00 AM

CRN: 3180

Last add date: 5/26

Drop dates: refund, 5/29; last, 6/08

Description: This class, generally taught in the Spring, is the first semester of a two-semester organic chemistry sequence intended for students in biological sciences and pre-professional studies. It is

accompanied by laboratory work and by a tutorial section. The course provides a solid foundation in organic structure and bonding, spectroscopy, and Lewis acid/base reactions. These concepts are then applied to understand substitution and elimination reactions with a focus on mechanism and factors governing selectivity. A section of this course, taught in the Fall semester, is intended for chemical engineering students.

CHEM 11172 01: Organic Structure and Reactivity Laboratory

0 credit, Johnson
5/24 - 6/24 MW 1:30 PM-5:00 PM
CRN: 3181
Last add date: 5/26

Drop dates: refund, 5/29 ; last, 6/08
Note: \$75 laboratory fee.

Description: Experimental work to accompany Chem 10172.

CHEM 20273 01: Organic Reactions and Applications

3 credits
6/27 - 7/29 MTWRF 10:20 AM-12:15 PM
6/27 - 7/29 F 8:30 AM-10:00 AM
CRN: 3182

Last add date: 6/29
Drop dates: refund, 7/03 ; last, 7/13
Description: A second semester covering the basic principles of organic chemistry, including structure, bonding, physical and chemical properties, reactive intermediates, and reaction mechanisms. Additional emphasis on applications of reactions in synthesis and relationships to biochemical systems and other associated areas of current interest. Intended primarily for pre-professional and biological science majors. This course is generally taken in the Fall semester with the laboratory CHEM 21273. A section is offered in the spring semester for chemical engineering students.

CHEM 21273 01: Organic Reactions and Applications Laboratory

1 credit, Wietstock
6/27 - 7/29 MW 1:30 PM-5:00 PM
CRN: 3183
Last add date: 6/29

Drop dates: refund, 7/03 ; last, 7/13
Description: Experiments to accompany CHEM 20273

CHEM 46497 01: Directed Readings

Variable credits
CRN varies with instructor
6/20 - 8/05
Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14
Description: In-depth study of topics not covered or only briefly covered in other courses. Readings, problems and reports.

CHEM 48498 01: Undergraduate Research

Variable credits
CRN varies with instructor
6/20 - 8/05
Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14
Description: Research in collaboration with members of the faculty. A written progress report must be submitted each semester, and all participating students must make an oral presentation of their work in the spring semester of senior year.

CHEM 78599 01: Thesis Direction

Variable credits
CRN varies with instructor
6/20 - 8/05
Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14
Description: Research and reading for master's students

CHEM 90697 01: Directed Readings

Variable credits
CRN varies with instructor
6/20 - 8/05
Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14
Description: Reading and research on specialized topics that are immediately relevant to the student's interests and not routinely covered in the regular curriculum.

CHEM 98698 01: Research and Dissertation

Variable credits
CRN varies with instructor
6/20 - 8/05
Last add date: 6/25

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

CHEM 98700 01: Nonresident Dissertation Research

1 credit
CRN varies with instructor
6/20 - 8/05
Last add date: 6/25

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

CIVIL ENGINEERING AND GEOLOGICAL SCIENCES

Chair:

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

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

CIVIL ENGINEERING COURSES

CE 47600 01: Special Studies

Variable credits
CRN varies with instructor
6/20 - 8/05
Last add date: 6/25

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

CE 48600 01: Undergraduate Research

Variable credits
CRN varies with instructor
6/2 - 8/05
Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14
Description: A research project at the undergraduate level under the supervision of a faculty member.

CE 67600 06: Special Studies

Variable credits
CRN varies with instructor
6/20 - 8/05
Last add date: 6/25

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

CE 68600 06: Thesis Direction

Variable credits, Albrecht-Schmitt
6/20 - 8/05
CRN: 1710
Last add date: 6/25

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

CE 68610 06: Nonresident Thesis Research

1 credit, Albrecht-Schmitt

6/20 - 8/05

CRN: 1709

Last add date: 6/25

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

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

CE 78600 06: Research and Dissertation

Variable credits, Albrecht-Schmitt

6/20 - 8/05

CRN: 1708

Last add date: 6/25

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

Description: Research and dissertation for resident doctoral students

CE 78610 06: Nonresident Dissertation Research

1 credit, Albrecht-Schmitt

6/20 - 8/05

CRN: 1707

Last add date: 6/25

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

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

GEOLOGICAL SCIENCES COURSES**ENVG 48600 01: Undergraduate Research**

Variable credits, Fein

6/20 - 8/05

CRN: 1132

Last add date: 6/25

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

Description: This course requires the permission of the chair of the Department of Civil Engineering and Geological Sciences. Three to 15 hours each week, arranged individually for each student.

ENVG 67600 01: Special Studies

Variable credits, Maurice

6/20 - 8/05

CRN: 2885

Last add date: 6/25

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

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

CLASSICS*Acting Chair.*

Li Guo

Dept. Tel.: (574) 631-7195

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

Beginners may take intensive introductory programs in Latin, Greek, and Syriac. Intermediate courses are available in Greek, Latin, and Syriac. Advanced courses are available in medieval Latin, Latin Paleography, and Syriac literature. Students may also be able to study one language and take additional courses in history or theology. Occasionally, the institute will offer courses in Armenian, Christian Arabic, Coptic, or Ethiopic.

GREEK**CLGR 10001 01: Beginning Greek I**

4 credits, Horsting

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

6/20 - 7/08 MTWRF 12:00 PM-1:00 PM

CRN: 3439

Last add date: 6/22

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

Description: This two-semester sequence of courses introduces students to the language of the ancient Greeks for the first time. It emphasizes the fundamentals of ancient Greek grammar and vocabulary, and prepares students to read original Greek texts. An appreciation for ancient Greek culture is also fostered through secondary readings and class discussion.

CLGR 10002 01: Beginning Greek II

4 credits, Horsting

7/11 - 7/29 MTWRF 8:30 AM-11:00 AM

7/11 - 7/29 MTWRF 12:00 PM-12:50 PM

CRN: 3441

Last add date: 7/13

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

Description: This two-semester sequence of courses introduces students to the language of the ancient Greeks for the first time. It emphasizes the fundamentals of ancient Greek grammar and vocabulary, and prepares students to read original Greek texts. An

appreciation for ancient Greek culture is also fostered through secondary readings and class discussion.

CLGR 20103 01: Intermediate Greek

3 credits, Stanfiel

6/20 - 8/05 MTWRF 8:55 AM-10:15 AM

CRN: 2761

Last add date: 6/25

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

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

CLGR 60001 01: Beginning Greek I

4 credits, Horsting

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

6/20 - 7/08 MTWRF 12:00 PM-1:00 PM

CRN: 3440

Last add date: 6/22

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

Description: This two-semester sequence of courses introduces graduate students to the language of the ancient Greeks for the first time. It emphasizes the fundamentals of ancient Greek grammar and vocabulary, and prepares students to read original Greek texts. An appreciation for ancient Greek culture is also fostered through secondary readings and class discussion. CLGR 60001 is offered each fall semester and CLGR 60002 is offered each spring semester. (Both courses are offered in the Summer term.)

CLGR 60002 01: Beginning Greek II

4 credits, Horsting

7/11 - 7/29 MTWRF 8:30 AM-11:00 AM

7/11 - 7/29 MTWRF 12:00 PM-12:50 PM

CRN: 3442

Last add date: 7/13

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

Description: This two-semester sequence of courses introduces graduate students to the language of the ancient Greeks for the first time. It emphasizes the fundamentals of ancient Greek grammar and vocabulary, and prepares students to read original Greek texts. An appreciation for ancient Greek culture is also fostered through secondary readings and class discussion.

CLGR 60101 01: Beginning Greek I

0 credit, Horsting
 6/20 - 7/08 MTWRF 8:30 AM-11:10 AM
 6/20 - 7/08 MTWRF 12:00 PM-1:00 PM
CRN: 3445

Last add date: 6/22

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

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

Description: This is the zero-credit version of the two-semester sequence of courses which is designed to introduce graduate students to the language of the ancient Greeks for the first time. This course emphasizes the fundamentals of ancient Greek grammar and vocabulary, and prepares students to read original Greek texts. An appreciation for ancient Greek culture is also fostered through secondary readings and class discussion.

CLGR 60102 01: Beginning Greek II

0 credit, Horsting
 7/11 - 7/29 MTWRF 8:30 AM-11:00 AM
 7/11 - 7/29 MTWRF 12:00 PM-12:50 PM
CRN: 3446

Last add date: 7/13

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

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

Description: This is the zero-credit version of the two-semester sequence of courses which is designed to introduce graduate students to the language of the ancient Greeks for the first time. This course emphasizes the fundamentals of ancient Greek grammar and vocabulary, and prepares students to read original Greek texts. An appreciation for ancient Greek culture is also fostered through secondary readings and class discussion.

CLGR 60103 01: Intermediate Greek

3 credits, Stanfiel
 6/20 - 8/05 MTWR 8:55 AM-10:15 AM
CRN: 2817

Last add date: 6/25

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

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

contexts, and prepares students for more advanced work in the rich literature of the ancient Greeks.

CLGR 60104 01: Intermediate Greek

0 credit, Stanfiel
 6/20 - 8/05 MTWR 8:55 AM-10:15 AM
CRN: 2818

Last add date: 6/25

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

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

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

LATIN & MEDIEVAL LATIN**CLLA 10001 01: Beginning Latin I**

4 credits, Perett
 6/20 - 7/08 MTWRF 8:30 AM-11:10 AM
 6/20 - 7/08 MTWRF 12:00 PM-1:00 PM
CRN: 3447

Last add date: 6/22

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

Description: This two-semester sequence of courses introduces students to the language of the ancient Romans for the first time. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. An appreciation for ancient Roman culture is also fostered through secondary readings and class discussion. CLLA 10001 is offered each fall semester and CLLA 10002 is offered each spring semester. (Both courses are offered in the summer.)

CLLA 10002 01: Beginning Latin II

4 credits, Perett
 7/11 - 7/29 MTWRF 8:30 AM-11:00 AM
 7/11 - 7/29 MTWRF 12:00 PM-12:50 PM
CRN: 3451

Last add date: 7/13

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

Description: This two-semester sequence of courses introduces students to the language of the ancient Romans for the first time.

It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. An appreciation for ancient Roman culture is also fostered through secondary readings and class discussion.

CLLA 20103 01: Intermediate Latin

3 credits, Krostenko
 6/20 - 7/08 MTWRF 8:30 AM-11:10 AM
CRN: 3167

Last add date: 6/22

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

Description: This course combines presentation of the remaining essentials of Latin grammar, reinforced through prose composition, with careful reading of Latin authors such as Caesar, Cornelius Nepos, Ovid, and Augustine. The course develops students' translating skills, introduces methods for studying Latin literature in its historical and cultural contexts, and prepares students for advanced work in Latin language and literature.

CLLA 40116 01: Medieval Latin

3 credits, Mantello
 6/20 - 8/05 MWF 10:30 AM-12:20 PM
CRN: 3329

Last add date: 6/25

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

Note: \$45 materials fee.

Description: This course is an introduction to the Latin language and literature of the late antique and medieval periods (ca. AD 200-1500). Designed to move students toward independent work with medieval Latin texts, the course will emphasize the close reading and careful translation of a variety of representative medieval Latin texts and documents with attention to vocabulary and word formation, orthography and pronunciation, morphology and syntax, and prose styles and metrics. The course will provide a review of the principal constructions of classical Latin and an introduction to some of the areas of medieval Latin scholarship, including lexis, bibliographies, great collections and repertoires of sources, and reference works for the study of Latin works composed in the Middle Ages.

CLLA 40118 01: Paleography

3 credits, Mantello
 6/20 - 8/05 MWF 3:10 PM-5:00 PM
CRN: 3331

Last add date: 6/25

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

Note: \$45 materials fee.

28 CLASSICS

Description: This course is an introduction to the study of medieval writing materials and practices and of Latin scripts from antiquity to the early Renaissance. Designed to provide students with the skills necessary to make use of Latin manuscripts in their research, the course will focus on practical exercises in identifying, transcribing, dating and localizing the various scripts. It will be of interest (1) to a wide variety of students whose courses are centered in or touch upon the Middle Ages and who wish to work with unpublished Latin materials of the medieval period; (2) to professional Latinists and other humanists who study the classical tradition and the transmission of texts before the age of printing; and (3) to librarians and others with an interest in manuscripts, diplomata, incunabula, and rare books.

CLLA 60001 01: Beginning Latin I

4 credits, Perett

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

6/20 - 7/08 MTWRF 12:00 PM-1:00 PM

CRN: 3449

Last add date: 6/22

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

Description: This two-semester sequence of courses introduces students to the language of the ancient Romans for the first time. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. An appreciation for ancient Roman culture is also fostered through secondary readings and class discussion.

CLLA 60002 01: Beginning Latin II

4 credits, Perett

7/11 - 7/29 MTWRF 8:30 AM-11:00 AM

7/11 - 7/29 MTWRF 12:00 PM-12:50 PM

CRN: 3448

Last add date: 7/13

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

Description: This two-semester sequence of courses introduces students to the language of the ancient Romans for the first time. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. An appreciation for ancient Roman culture is also fostered through secondary readings and class discussion.

CLLA 60101 01: Beginning Latin I

0 credit, Perett

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

6/20 - 7/08 MTWRF 12:00 PM-1:00 PM

CRN: 3450

Last add date: 6/22

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

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

Description: This is the zero-credit version of the two-semester sequence of courses which is designed to introduce students to the language of the ancient Romans for the first time. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. An appreciation for ancient Roman culture is also fostered through secondary readings and class discussion.

CLLA 60102 01: Beginning Latin II

0 credit, Perett

7/11 - 7/29 MTWRF 8:30 AM-11:00 AM

7/11 - 7/29 MTWRF 12:00 PM-12:50 PM

CRN: 3452

Last add date: 7/13

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

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

Description: This is the zero-credit version of the two-semester sequence of courses which is designed to introduce students to the language of the ancient Romans for the first time. It emphasizes the fundamentals of Latin grammar and vocabulary, and prepares students to read original Latin texts. An appreciation for ancient Roman culture is also fostered through secondary readings and class discussion.

CLLA 60103 01: Intermediate Latin

3 credits, Krostenko

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3168

Last add date: 6/22

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

Description: This course combines presentation of the remaining essentials of Latin grammar, reinforced through prose composition, with careful reading of Latin authors such as Caesar, Cornelius Nepos, Ovid, and Augustine. The course develops students' translating skills, introduces methods for studying Latin literature in its historical and cultural contexts, and prepares students for advanced work in Latin language and literature. Graduate students who wish to receive course credit should register under this number.

CLLA 60104 01: Intermediate Latin

0 credit, Krostenko

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3169

Last add date: 6/22

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

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

Description: This course combines presentation of the remaining essentials of Latin grammar, reinforced through prose composition, with careful reading of Latin authors such as Caesar, Cornelius Nepos, Ovid, and Augustine. The course develops students' translating skills, introduces methods for studying Latin literature in its historical and cultural contexts, and prepares students for advanced work in Latin language and literature. This is a no-credit course.

SYRIAC

CLSS 10111 01: Introduction to Syriac Grammar

3 credits, Saadi

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3333

Last add date: 6/22

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

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

CLSS 10115 01: Introduction to Syriac Reading

3 credits, Saadi

7/11 - 7/29 MTWRF 8:30 AM-11:00 AM

CRN: 3340

Last add date: 7/13

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

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

CLSS 60111 01: Introduction to Syriac Grammar

3 credits, Saadi

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3334

Last add date: 6/22

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

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

CLSS 60112 01: Introduction to Syriac Grammar

0 credit, Saadi

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3335

Last add date: 6/22

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

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

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

CLSS 60115 01: Introduction to Syriac Literature

3 credits, Saadi

7/11 - 7/29 MTWRF 8:30 AM-11:00 AM

CRN: 3341

Last add date: 7/13

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

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

CLSS 60116 01: Introduction to Syriac Reading

0 credit, Saadi

7/11 - 7/29 MTWRF 8:30 AM-11:00 AM

CRN: 3342

Last add date: 7/13

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

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

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

COMPUTER APPLICATIONS

Coordinator:

Charles R. Crowell, Ph.D.

Dept. Tel.: (574) 631-7615

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

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

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

CAPP 45565 01: Internship

3 credits, Berzai

6/20 - 8/05

CRN: 2349

Last add date: 6/25

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

Description: The course description for this course is slightly different for each section.

CAPP 47567 01: Special Studies

Variable credits, Berzai

CRN: 1331

6/20 - 8/05

Last add date: 6/25

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

Description: The course description for this course is slightly different for each section.

COMPUTER SCIENCE AND ENGINEERING

Chair:

Kevin W. Bowyer, Ph.D.

Dept. Tel.: (574) 631-8320

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

CSE 20232 01: C/C++ Programming

3 credits, Bualuan

6/20 - 8/05 MTWRF 11:45 AM-12:50 PM

CRN: 2766

Last add date: 6/25

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

Description: Top-down analysis and structured programming. Basic analysis of algorithms, algorithm development, implementation and debugging and testing of programs will also be emphasized. Students will write several programs in the C++ language to learn the concepts taught and to acquire experience in solving problems using the UNIX operating system.

CSE 30331 01: Data Structures

3 credits

6/20 - 8/05 MTWRF 10:30 AM-11:35 AM

CRN: 3794

Last add date: 6/25

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

Description: Fundamental techniques in the design and analysis of non-numerical algorithms and their data structures. Elementary data structures such as lists, stacks, queues; more advanced ones such as priority queues and search trees. Design techniques such as divide-and-conquer. Sorting and searching and graph algorithms.

30 ECONOMICS

CSE 47900 01: Special Studies

Variable credits

CRN varies by instructor

6/20 - 8/05

Last add date: 6/25

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

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

CSE 48900 01: Undergraduate Research

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

CSE 60732 01: C/C++ Programming

3 credits, Bualuan

6/20 - 8/05 MTWRF 11:45 AM-12:50 PM

CRN: 3317

Last add date: 6/25

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

Description: Top-down analysis and structured programming. Basic analysis of algorithms, algorithm development, implementation and debugging and testing of programs will also be emphasized. Students will write several programs in the C++ language to learn the concepts taught and to acquire experience in solving problems using the UNIX operating system.

CSE 67900 01: Special Studies

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

CSE 68900 01: Thesis Direction

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

CSE 68901 01: Thesis Direction

Variable credits

6/20 - 8/05

CRN: 2847

Last add date: 6/25

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

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

CSE 68905 01: Nonresident Dissertation Research

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

CSE 77900 01: Special Studies

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

CSE 98900 01: Research and Dissertation

Variable credits

CRN varies with instructor

6/2 - 8/05

Last add date: 6/25

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

Description: Research and dissertation for resident doctoral students.

CSE 98901 07: Research and Dissertation

Variable credits, Madey

6/20 - 8/05

CRN: 2866

Last add date: 6/25

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

Description: Research and dissertation for resident doctoral students.

CSE 98995 01: Nonresident Dissertation Research

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

ECONOMICS

Chair:

Richard A. Jensen, Ph.D.

Dept. Tel.: (574) 631-7698

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

ECON 47495 01: Senior Honors Essay

3 credits, Mogavero

6/20 - 8/05

CRN: 1016

Last add date: 6/25

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

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

ECON 47498 01: Special Studies: Readings and Research

Variable credits

CRN varies with instructor

6/20 - 8/05

CRN: 3291

Last add date: 6/25

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

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

ECON 47950 01: Independent Laboratory Research

2 credits, Buckles

6/20 - 8/05

CRN: 3062

Last add date: 6/25

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

Description: Independent study under the direction of a faculty member. Course requirements may include substantial writing as determined by the director. The director will dis-enroll a student early for failure to meet course requirements. Students who have been dis-enrolled or who have failed at the end of the first semester are disqualified for Special Studies in the following term.

ECON 47950 43: Independent Laboratory Research

Variable credits, Kim

6/20 - 8/05

CRN: 3216

Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14
 Description: Independent study under the direction of a faculty member. Course requirements may include substantial writing as determined by the director. The director will dis-enroll a student early for failure to meet course requirements. Students who have been dis-enrolled or who have failed at the end of the first semester are disqualified for Special Studies in the following term.

ECON 47960 31: Senior Honors Essay

3 credits, Mogavero

6/20 - 8/05

CRN: 3213

Last add date: 6/25

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

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

ECON 47960 32: Senior Honors Essay

3 credits, Doran

6/20 - 8/05

CRN: 3214

Last add date: 6/25

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

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

ECON 47960 33: Senior Honors Essay

3 credits, Gresik

6/20 - 8/05

CRN: 3215

Last add date: 6/25

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

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

ECON 76911 01: Directed Readings

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: This course provides students

with an opportunity to explore readings and research as directed by an assigned faculty member in the department. It is offered by arrangement with individual instructors and for a variable number of credit hours.

ECON 77911 01: Special Topics

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Independent study under the direction of a faculty member. Course requirements may include substantial writing as determined by the director. They will dis-enroll a student early for failure to meet course requirements. Students who have been dis-enrolled or who have failed at the end of the first semester are disqualified for Special Studies in the following term.

ECON 77951 01: Research and Dissertation

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

ECON 78901 01: Nonresident Dissertation Research

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

ELECTRICAL ENGINEERING

Chair:

Thomas E. Fuja, Ph.D.

Dept. Tel.: (574) 631-5480

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

EE 47498 02: Special Studies

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

EE 48499 01: Undergraduate Research

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

EE 67001 02: Special Studies

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

EE 68599 02: Thesis Direction

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

EE 87698 02: Special Studies

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

EE 88600 01: Nonresident Thesis Research

1 credit, Fuja

6/20 - 8/05

CRN: 1945

Last add date: 6/25

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

Description: Required of nonresident

32 ENGINEERING NONDEPARTMENTAL

master's students who are completing their theses in absentia and who wish to retain their degree status. (Fall and spring)

EE 88699 02: Research and Dissertation

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Research and dissertation for resident doctoral students.

EE 88700 01: Nonresident Dissertation Research

1 credit, Fuja

6/20 - 8/05

CRN: 1944

Last add date: 6/25

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

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

ENGINEERING NONDEPARTMENTAL

Director of Academic Affairs:

Catherine F. Pieronek

College of Engineering

Dept. Tel.: (574) 631-5530

EG 48999 01: Research Experience for Undergraduates

0 credit, Hurley

6/20 - 8/05

CRN: 3018

Last add date: 6/25

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

Description: This is a zero-credit course for students engaged in independent research or working with a faculty member or a member of the University staff on a special project. Registration requires a brief description of the research or project to be pursued and the permission of the director of the Summer Session. This course is taken as an indication of the student's status on campus and is meant to allow the registered student to use the University facilities as the Summer Session permits. No course work is required.

ENGLISH

Chair:

John Sitter, Ph.D.

Dept. Tel.: (574) 631-7226

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

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

ENGL 20148 01: Introduction to Poetry

3 credits, Menes

6/20 - 8/05 WF 10:30 AM-12:20 PM

CRN: 3860

Last add date: 6/25

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

Description: An introduction to the close reading of poems, together with instruction in the standard methods of interpretation. Emphasis will be given to the language and forms of poetry, and how these inform meaning. Besides writing critical essays on poetry, students will write their own poems inspired by those they have read in class. Therefore, this course will combine analysis with creativity.

ENGL 20233 01: Beowulf and Heroic Legend

3 credits, Hall

6/20 - 8/05 TR 1:15 PM-4:00 PM

CRN: 3407

Last add date: 6/25

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

Description: Beowulf is one of the oldest poems in English, the closest thing we have to a medieval English epic, a literary monument of extraordinary complexity, and a study in heroic behavior that evaluates and problematizes every aspect of the folklore, myth, and legend that it weaves into its narrative. The relationship between Beowulf and early medieval heroic legend will be front and center in this course, which will undertake a close reading of the poem set against several comparable exemplars of heroic behavior in neighboring medieval traditions, including the Old English Battle of Maldon, the Old High German Hildebrandslied, the Old

Welsh Gododdin, the Latin Waltharius, the Old Irish Táin Bó Cúailnge, the Old French Chanson de Roland, and the Old Icelandic Hrólf saga kraka (all in modern English translation). We'll look carefully at how heroic characters are represented and defined in these texts, and we'll consider the part played by feud, revenge, honor, loyalty, and social bonds and allegiances in constructing a heroic ethos. Weekly response papers, two essays, and a final exam.

ENGL 20323 01: The British Novel

3 credits, Thomas

6/20 - 8/05 TR 9:15 AM-12:00 PM

CRN: 3398

Last add date: 6/25

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

Description: Here we survey major British novels over a two-century time span, taking stock of key genre developments along the way. Proceeding chronologically, we begin by exploring how conventions of extended "realistic" prose narratives were established in the 1700s. Then we proceed up through the Romantic and Victorian periods, when the British novel reached a high point of social prominence, narrative variety, and sophistication. Finally, looking to the first decades of the 20th century, we see how Modernists fashioned radically new narrative approaches in an effort to move beyond the topical and literary constraints of the Victorian period. Likely readings include: Daniel Defoe, *Moll Flanders*; Mary Shelley, *Frankenstein*; Charlotte Bronte, *Jane Eyre*; Charles Dickens, *Great Expectations*; Bram Stoker, *Dracula*; and Virginia Woolf, *Mrs. Dalloway*. Graded work includes short papers, classroom presentations, and a final exam.

ENGL 40236 01: Beowulf and Heroic Legend

3 credits, Hall

6/20 - 8/05 TR 1:15 PM-4:00 PM

CRN: 3406

Last add date: 6/25

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

Description: Beowulf is one of the oldest poems in English, the closest thing we have to a medieval English epic, a literary monument of extraordinary complexity, and a study in heroic behavior that evaluates and problematizes every aspect of the folklore, myth, and legend that it weaves into its narrative. The relationship between Beowulf and early medieval heroic legend will be front and center in this course, which will undertake a

close reading of the poem set against several comparable exemplars of heroic behavior in neighboring medieval traditions, including the Old English Battle of Maldon, the Old High German Hildebrandslied, the Old Welsh Gododdin, the Latin Waltharius, the Old Irish Táin Bó Cúailnge, the Old French Chanson de Roland, and the Old Icelandic Hrólfs saga kraka (all in modern English translation). We'll look carefully at how heroic characters are represented and defined in these texts, and we'll consider the part played by feud, revenge, honor, loyalty, and social bonds and allegiances in constructing a heroic ethos. Weekly response papers, two essays, and a final exam.

ENGL 47999 01: Special Studies

Variable credits, Vanden Bossche

6/20 - 8/05

CRN: 1002

Last add date: 6/25

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

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

ENGL 90110 01: English for Non-native Speakers

3 credits, Deane-Moran

6/20 - 8/05 MTWR 11:30 AM-1:00 PM

CRN: 3765

Last add date: 6/25

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

Description: A course designed to improve spoken English of non-native speakers, at the intermediate level, with a specific goal of increasing communication skills for teaching, research, and discussion purposes.

ENGL 96001 02: Directed Readings

1 credit, Lander

6/20 - 8/05

CRN: 3060

Last add date: 6/25

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

Description: Directed readings for examinations in the doctoral program.

ENGL 97001 01: Special Studies

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Topics vary by semester.

ENGL 98000 01: Nonresident Thesis Research

1 credit, Lander

6/20 - 8/05

CRN: 1798

Last add date: 6/25

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

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

ENGL 98001 01: Thesis Direction

3 credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

ENGL 98600 01: Nonresident Dissertation Research

1 credit, Lander

6/20 - 8/05

CRN: 1124

Last add date: 6/25

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

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

ENGL 98601 01: Research and Dissertation

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

FILM, TELEVISION, AND THEATRE

Chair:

Don Crafton, Ph.D.

Dept. Tel.: (574) 631-7054

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

FTT 30405 01: Introduction to Film and Television Production

3 credits, Mandell

6/20 - 8/05 MWF 3:10 PM-5:00 PM

CRN: 2819

Last add date: 6/25

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

Description: An introductory Summer course in the fundamentals of writing, shooting, editing, and lighting for narrative film and television productions. This is a summer hands-on course emphasizing creativity, aesthetic, and technical expertise. Students learn the many aspects of filmmaking while making short films of their own. Requirements: Three short digital video assignments, selected readings, and a final exam.

FTT 35501 01: Media Internship

Variable credits, Heisler

6/20 - 8/05

CRN: 3588

Last add date: 6/25

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

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

Description: Students who successfully complete at least two of the following courses, FTT 30410, FTT 30462 or FTT 30463, may be eligible for an internship at a television station or network, radio station, video production company, film production company or similar media outlet.

Interns must work 10-15 hours per week and compile 150 work hours by the end of the semester (120 hours for the summer session) to obtain three credits. Interns will complete a project, mid-semester progress report and a final evaluation paper. NOTE: This course does not count as an upper level course toward the FTT major.

FTT 40491 01: Entertainment and Arts Law

3 credits, Wilson

6/20 - 8/05 MW 6:30 PM-9:00 PM

CRN: 3099

Last add date: 6/25

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

Description: One of the largest industries in the United States, the entertainment business is heavily intertwined with the law. From contracts to First Amendment issues, from rights of publicity to copyright and trade-

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mark issues, both talent and management need to have a working awareness of the legal issues that affect the industry. In this course we will examine these problems in depth using real cases involving well-known (and, in some instances, some not-so-well-known) people, including Aerosmith, Woody Allen, Shirley MacLaine, and Jim Croce, just to name a few. No prior study of the law is required.

FTT 50000 01: How to Teach Film Across the Humanities

Variable credits, Collins

5/30 - 6/03 MTWRF 9:00 AM-5:00 PM

CRN: 3209

Last add date: 5/30

Drop dates: refund, 5/30; last, 6/01

Note: CRN 3209 Section 01 is for graduate students.

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

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

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

FTT 50000 02: How to Teach Film Across the Humanities

Variable credits, Collins

5/23 - 5/27 MTWRF 9:00 AM-5:00 PM

CRN: 3255

Last add date: 5/23

Drop dates: refund, 5/23; last, 5/25

Note: CRN 3255 Section 02 is for faculty (only).

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

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

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

FTT 50505 01: Introduction to Film and Television Production

3 credits, Mandell

6/20 - 8/05 MWF 3:10 PM-5:00 PM

CRN: 2820

Last add date: 6/25

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

Description: An introductory course in the fundamentals of writing, shooting, editing, and lighting for narrative film and video productions. This is a summer hands-on course emphasizing creativity, aesthetic, and technical expertise. Students learn the many aspects of filmmaking while making short films of their own using the new facilities in the Marie P. DeBartolo Performing Arts Center. Requirements: Three short digital

video assignments, selected readings, and a final exam.

FTT 50591 01: Entertainment and Arts Law

3 credits, Wilson

6/20 - 8/05 MW 6:30 PM-9:00 PM

CRN: 3100

Last add date: 6/25

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

Description: One of the largest industries in the United States, the entertainment business is heavily intertwined with the law. From contracts to First Amendment issues, from rights of publicity to copyright and trademark issues, both talent and management need to have a working awareness of the legal issues that affect the industry. In this course we will examine these problems in depth using real cases involving well-known (and, in some instances, some not-so-well-known) people, including Aerosmith, Woody Allen, Shirley MacLaine, and Jim Croce, just to name a few. No prior study of the law is required.

GERMAN & RUSSIAN LANGUAGES & LITERATURES

Chair:

Robert Norton, Ph.D.

Dept. Tel.: (574) 631-5572

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

GE 60500 01: German Graduate Reading

0 credit

6/20 - 8/05 MTWR 11:00 AM-12:15 PM

CRN: 1312

Last add date: 6/25

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

Description: Intended as review for graduate students who wish to take the GRE in German. The final examination of the course, if passed, fulfills the requirements of the GRE.

HISTORY

Chair:

Thomas Noble, Ph.D.
Dept. Tel.: (574) 631-7266

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

HIST 20605 01: U.S. History since 1877

3 credits, Plopper

6/20 - 8/05 TR 8:55 AM-11:25 AM

CRN: 3895

Last add date: 6/25

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

Description: This course focuses on major events (depressions, wars, migrations, social movements) and processes (suburbanization, technologies, etc.) which can arguably be said to have had widespread and enduring influence in the United States since 1877. We will approach US history through lectures, primary sources, and discussions that add memorable insight and depth. Some of these historical moments provide opportunities to reflect on the place of the United States in the world and to ask what makes for historical significance. By the end of the semester, students should be able to offer a reasonably coherent discussion of this period. This includes a basic interpretive understanding of many major events in US history that also grasps some ways these major events have shaped our own place in time and space. Note: This course is open to all students and satisfies the university history requirement; history majors may count up to two lower-level courses toward the major.

HIST 30030 01: 20th-Century World History

3 credits, Westrate

6/20 - 8/05 MW 1:15 PM-3:45 PM

CRN: 3896

Last add date: 6/25

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

Description: This course examines the political, cultural, social, and economic development of the world from the outbreak of the First World War to the present. Through lectures, readings, discussions, movies, and research we will investigate such

themes as the effects of World War I, the Russian Revolution, the rise of totalitarianism, the Great Depression, World War II, de-colonization, the Cold War, national liberation wars, the demise of communism, and the realignment of the post-Cold-War world into global networks. Our goal will be to assess the importance of these and other subjects in today's world.

HIST 30440 01: The Northern Ireland "Troubles," 1920 to the present

3 credits, Smyth

6/20 - 8/05 MWF 10:30 AM-12:20 PM

CRN: 3571

Last add date: 6/25

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

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

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

3 credits, Pierce

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3276

Last add date: 6/22

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

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

The course will utilize historical documents in the form of articles and other secondary sources. Classes will be conducted as lecture-discussions.

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

3 credits, Appleby

6/20 - 8/05 TR 1:15 PM-3:45 PM

CRN: 3573

Last add date: 6/25

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

Description: A survey of the Catholic presence in the United States during "the American century," the focus of the class will be on the ways Catholics integrated their national and religious identities. Defining American culture broadly, we will discuss Catholic politicians and laborers, monks and nuns, pacifists and cold warriors. What was the relationship between Catholic spirituality, cultural criticism and social reform? What consequences did conflict over "sex" and gender have in the realm of church authority and lay practice? Why did Catholics stop going to confession in the mid-sixties? We will examine the challenges of being American and Catholic by exploring Catholic themes in American popular music, film, and fiction; Catholic social teaching on the economy and nuclear war; and the changes in Catholic religious practice and self-understanding inspired by the events of the 1960s, including the Second Vatican Council and the civil rights movement. Profiles of "everyday Catholics" drawn from primary historical sources will be complemented by brief excerpts from the writings of influential thinkers and activists such as John Ryan, Dorothy Day, John Courtney Murray, Thomas Merton, Richard Rodriguez, Cardinal Joseph Bernardin and Cathleen Kaveny. Two class sessions will be devoted to Notre Dame's role in this story, including the vocation and career of Father Ted Hesburgh, while three class sessions will be devoted to contemporary challenges facing Catholics and the Church.

HIST 41000 01: History Lab Research

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: History Lab Research allows undergraduate students to assist a faculty member's research project(s) for credit.

36 HISTORY AND PHILOSOPHY OF SCIENCE

HIST 46000 01: Directed Readings in History

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Directed Readings in History facilitates a student's reading and analysis of a specialized set of texts under the guidance of an individual faculty member.

HIST 48000 01: Directed Research in History

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Directed Research in History facilitates a student's particularized research project on a historical topic under the guidance of an individual faculty member.

HIST 98699 01: Research and Dissertation

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

HIST 98700 01: Nonresident Dissertation Research

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

HISTORY AND PHILOSOPHY OF SCIENCE

Director:

Don A. Howard, Ph.D.

Program Tel.: (574) 631-5015

Students interested in the graduate lecture courses below will find additional informa-

tion on the website for the History and Philosophy of Science Summer School Program for Secondary Teachers 2011 at <http://reilly.nd.edu/HPS/Summer/About.aspx>.

HPS 78599 01: Thesis Direction

Variable credits, Howard

6/20 - 8/05

CRN: 1308

Last add date: 6/25

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

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

HPS 78600 01: Nonresident Thesis Research

Variable credits, Howard

6/20 - 8/05

CRN: 1307

Last add date: 6/25

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

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

HPS 96697 01: Directed Readings

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

HPS 98699 01: Research and Dissertation

Variable credits, Howard

6/20 - 8/05

CRN: 1655

Last add date: 6/25

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

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

HPS 98700 01: Nonresident Dissertation Research

Variable credits, Howard

6/20 - 8/05

CRN: 1654

Last add date: 6/25

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

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

PH.D. IN LITERATURE

Chair:

Joseph A. Buttigieg, Ph.D.

Dept. Tel.: (574) 631-0481

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

LIT 98600 01: Research & Dissertation

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Research & Dissertation.

LIT 98601 01: Nonresident Dissertation Research

1 credit, Buttigieg

6/20 - 8/05

CRN: 3272

Last add date: 6/25

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

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

LIT 98601 15: Nonresident Dissertation Research

1 credit, Olivera-Williams

6/20 - 8/05

CRN: 3608

Last add date: 6/25

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

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

PROGRAM OF LIBERAL STUDIES

Chair:

Gretchen J. Reydams-Schils, Ph.D.

Dept. Tel.: (574) 631-7172

PLS 46000 01: Directed Readings

Variable credits

6/20 - 8/05

CRN: 2173

Last add date: 6/25

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

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

MATHEMATICS

Chair:

Matthew Gursky, Ph.D.

Associate Chair:

Juan Migliore, Ph.D.

Dept. Tel.: (574) 631-7083

MATH 10120 01: Finite Mathematics

3 credits

6/20 - 8/05 MTWRF 9:10 AM-10:25 AM

CRN: 1306

Last add date: 6/25

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

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

MATH 10240 01: Principles of Calculus

3 credits

6/20 - 8/05 MTWRF 1:25 PM-3:05 PM

CRN: 3057

Last add date: 6/25

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

Description: 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 01: Elements of Calculus I

3 credits

6/20 - 8/05 MTWRF 1:25 PM-2:40 PM

CRN: 1305

Last add date: 6/25

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

Description: For students in arts and letters, architecture, or business. A study of basic calculus as part of a liberal education. It emphasizes conceptual learning and stresses the connections between mathematics and modern society. Topics include functions, limits, derivatives, and an introduction to integral, with interesting real-life applications throughout. Students are familiarized with the many different interpretations of the derivative as a rate of change, and the integral as a total rate of change. This enables them to learn and practice modeling in a variety of situations from economics the social and the life sciences.

MATH 10260 01: Elements of Calculus II for Business

3 credits

6/20 - 8/05 MTWRF 9:10 AM-10:25 AM

CRN: 1332

Last add date: 6/25

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

Description: Credit is not given for both MATH 10280 and either of the following courses: MATH 10260 and MATH 10360. For students in business. An introduction to mathematical concepts, techniques, and ideas that are useful in understanding and solving problems that arise in economics and business. Most mathematical concepts are introduced through interesting business problems. Furthermore, by using available computer technology, real-life problems, that may lead to non-trivial computations and graphics, are considered. Topics include integration, differential equations, Taylor polynomial approximations, unconstrained and constrained optimization for functions of several variables, probability and statistics, with interesting real-life applications throughout.

MATH 10360 01: Calculus B

4 credits

6/20 - 8/05 MTWRF 1:20 PM-3:30 PM

CRN: 3025

Last add date: 6/25

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

Description: Primarily for students in science whose programs require a one-year terminal course in calculus of one variable but also

open to students in arts and letters. Topics include sets, functions, limits, continuity, derivatives, integrals, and applications.

MATH 10560 01: Calculus II

4 credits

6/20 - 8/05 MTWRF 8:45 AM-10:25 AM

CRN: 1342

Last add date: 6/25

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

Description: For students in science and engineering. Topics include sets, functions, limits, continuity, derivatives, integrals, and applications. Also covered are transcendental functions and their inverses, infinite sequences and series, parameterized curves in the plane, and polar coordinates.

MATH 20550 01: Calculus III

3.5 credits

6/20 - 8/05 MTWRF 8:45 AM-10:15 AM

CRN: 3795

Last add date: 6/25

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

Description: A comprehensive treatment of differential and integral calculus of several variables. Topics include space curves, surfaces, functions of several variables, partial derivatives, multiple integrals, line integrals, surface integrals, Stokes theorem, and applications.

MATH 30530 01: Introduction to Probability

3 credits

6/20 - 8/05 MTWRF 1:25 PM-2:40 PM

CRN: 1480

Last add date: 6/25

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

Description: An introduction to the theory of probability, with applications to the physical sciences and engineering. Topics include discrete and continuous random variables, conditional probability and independent events, generating functions, special discrete and continuous random variables, laws of large numbers and the central limit theorem. The course emphasizes computations with the standard distributions of probability theory and classical applications of them.

MATH 46800 01: Directed Readings

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

MATH 86700 01: Directed Readings

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

MATH 88900 03: Research and Dissertation

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Research and dissertation for resident graduate students.

MATH 98900 03: Nonresident Dissertation Research

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

MEDIEVAL INSTITUTE*Director.*

Olivia Remie Constable, Ph.D.

Dept. Tel.: (574) 631-6603

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

MI 40004 01: Medieval Latin

3 credits, Mantello

6/20 - 8/05 MWF 10:30 AM-12:20 PM

CRN: 3328

Last add date: 6/25

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

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

students taking either Medieval Latin or Paleography for credit through the Medieval Institute at Notre Dame. Application details and eligibility information are available at nd.edu/~medinst/programs/summer.html. Description: This course is an introduction to the Latin language and literature of the late antique and medieval periods (ca. AD 200-1500). Designed to move students toward independent work with medieval Latin texts, the course will emphasize the close reading and careful translation of a variety of representative medieval Latin texts and documents with attention to vocabulary and word formation, orthography and pronunciation, morphology and syntax, and prose styles and metrics. The course will provide a review of the principal constructions of classical Latin and an introduction to some of the areas of medieval Latin scholarship, including lexica, bibliographies, great collections and repertoires of sources, and reference works for the study of Latin works composed in the Middle Ages.

MI 46020 01: Directed Readings-Undergrad

Variable credits, Constable

6/20 - 8/05

CRN: 1302

Last add date: 6/25

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

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

MI 47801 01: NSF-REU Biocultural Research Program

Variable credits, Sheridan

6/06 - 7/22 MTWRF 10:00 AM-6:00 PM

CRN: 2749

Last add date: 6/10

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

Description: This hands-on research course will engage students in an experiential learning environment that immerses them in anthropological method and theory. Using the large Byzantine St. Stephen's skeletal collection from Jerusalem as the cornerstone, historical and archaeological information will be synthesized in a biocultural reconstruction of ancient monastic life. Students will conduct original research, share in an active field trip program, and participate in a lecture program delivered by top scholars in the fields of biological anthropology, classics, and

Near Eastern studies. Students will develop a suite of methodological skills in the natural and social sciences, explore artifacts and life ways of the study population, delve into the pertinent literature using several world-class libraries, develop skills for collaborative research, and discover the importance of a holistic approach to a fuller understanding of life in the past.

MI 60004 01: Medieval Latin

3 credits, Mantello

6/20 - 8/05 MWF 10:30 AM-12:20 PM

CRN: 3330

Last add date: 6/25

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

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

Description: This course is an introduction to the Latin language and literature of the late antique and medieval periods (ca. AD 200-1500). Designed to move students toward independent work with medieval Latin texts, the course will emphasize the close reading and careful translation of a variety of representative medieval Latin texts and documents with attention to vocabulary and word formation, orthography and pronunciation, morphology and syntax, and prose styles and metrics. The course will provide a review of the principal constructions of classical Latin and an introduction to some of the areas of medieval Latin scholarship, including lexica, bibliographies, great collections and repertoires of sources, and reference works for the study of Latin works composed in the Middle Ages.

MI 60005 01: Paleography

3 credits, Mantello

6/20 - 8/05 MWF 3:10 PM-5:00 PM

CRN: 3332

Last add date: 6/25

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

Note: \$45 materials fee. The Medieval Academy of America's Committee on Centers and Regional Associations (CARA) offers two full-tuition scholarships for students taking either Medieval Latin or Paleography for credit through the Medieval

Institute at Notre Dame. Application details and eligibility information are available at nd.edu/~medinst/programs/summer.html.

Description: This course is an introduction to the study of medieval writing materials and practices and of Latin scripts from antiquity to the early Renaissance. Designed to provide students with the skills necessary to make use of Latin manuscripts in their research, the course will focus on practical exercises in identifying, transcribing, dating and localizing the various scripts. It will be of interest (1) to a wide variety of students whose courses are centered in or touch upon the Middle Ages and who wish to work with unpublished Latin materials of the medieval period; (2) to professional Latinists and other humanists who study the classical tradition and the transmission of texts before the age of printing; and (3) to librarians and others with an interest in manuscripts, diplomata, incunabula, and rare books.

MI 66020 01: Directed Readings-Grad

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

MI 77001 01: Field Examination Preparation

Variable credits, Constable

6/20 - 8/05

CRN: 2763

Last add date: 6/25

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

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

MI 77002 01: Dissertation Proposal Preparation

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

MI 88001 01: Resident Dissertation Research

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

MI 88002 01: Nonresident Dissertation Research

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

MUSIC

Chair:

Louis MacKenzie, Ph.D.

Dept. Tel.: (574) 631-6211

Music Lessons

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

Course Offerings

MUS 10131 01: Introduction to Jazz

3 credits

Dwyer

6/20 - 8/05 MTWR 8:55 AM-10:15 AM

CRN: 1038

Last add date: 6/25

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

Description: A music appreciation course requiring no musical background and no prerequisites. General coverage of the significant musicians, styles, and structures of jazz music. Enrollment is administered by First Year Studies.

MUS 37900 01: Special Studies

Variable credits

CRN varies with instructor

6/20 - 8/05

CRN: 1298

Last add date: 6/25

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

Description: An individualized course in directed studies under personal supervision of the teacher.

MUS 67900 01: Special Studies

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Individual study under personal direction of a faculty member.

MUS 68900 01: Thesis Direction

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Planning and developing the master's thesis for M.A. students.

MUS 68901 01: Nonresident Thesis Research

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

PHILOSOPHY

Chair:

Richard Cross, Ph.D.

Dept. Tel.: (574) 631-6471

PHIL 20101 01: Introduction to Philosophy

3 credits, Kelsey

6/20 - 7/08 MTWRF 12:20 PM-3:00 PM

CRN: 1294

Last add date: 6/22

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

Description: A general introduction to philosophy, with emphasis on perennial problems such as the existence of God, human freedom, and moral obligation.

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The course is also intended to sharpen the student's skills of critical thinking.

PHIL 20203 01: Death and Dying

3 credits, Warfield

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3097

Last add date: 6/22

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

Description: Course content varies by semester and instructor. Topics may include the nature and definition of death, end of life medical issues, capital punishment, the possibility of survival of death, the value of death, existentialist thinking about death, and others.

PHIL 20217 01: Philosophy of Education

3 credits, Neiman

6/20 - 8/05 MTWR 2:45 PM-4:05 PM

CRN: 3865

Last add date: 6/25

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

Description: This introductory course has as its primary aim a discussion of some of the basic questions philosophers have traditionally asked about education. Of these questions perhaps the most interesting for our purposes is the following: What constitutes the best education for human beings understood not simply as future wage earners but as human beings? In other words, "What is liberal education?" and "What does it take to be liberally educated?" Notre Dame's "promotional materials" (e.g. General Bulletin) promise not only a vocational education, an education for earning, but also an education for living, a liberal education. And as higher education becomes more and more costly, more and more publications appear each year ranking the supposedly best colleges and universities. Ultimately a major goal of this course is to provide the sort of background necessary for evaluating these rankings, and one's own education here and now, in a philosophically enlightened manner.

PHIL 20801 01: Philosophy of Religion

3 credits, Cross

6/20 - 7/08 MTWRF 3:15 PM-5:55 PM

CRN: 3259

Last add date: 6/22

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

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

of classic texts in the discipline.

PHIL 20806 01: Philosophy of Judaism

3 credits, Neiman

6/20 - 8/05 MTWR 10:30 AM-11:50 AM

CRN: 3866

Last add date: 6/25

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

Description: This introduction to the philosophy of Judaism has two tracks, based on the recognition that Judaism as a philosophy can be understood properly only when it is seen in its historical and cultural context. Concerning the latter, we will examine "the history of the Jewish Experience" as provided by Leo Trepp in his book of that title. Regarding philosophy per se, we will base our study on the influential work of Abraham Joshua Heschel (1907-1972), as reflected in his formative work *God in Search of Man*. The ultimate goal of the course for non-Jewish students is to provide an opportunity for the kind of reflective awareness of where one stands provided by the kind of exercise Father John Dunne describes as "crossing over" from one's own tradition to another.

PHIL 46497 01: Directed Readings

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: With consent of instructor and approval of department, advanced students are permitted to take a tutorial with a faculty member. Readings will be assigned in a particular area and writing assignments required.

PHIL 96697 01: Directed Readings

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

PHIL 98699 01: Research and Dissertation

Variable credits

CRN varies with instructor

6/2 - 8/05

Last add date: 6/25

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

Description: Required of students in residence engaged in full-time dissertation research.

PHIL 98700 01: Nonresident Dissertation Research

1 credit

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: For doctoral candidates not in residence while working on the dissertation. Required to maintain degree candidacy.

PHYSICS

Chair:

Mitchell R. Wayne, Ph.D.

Dept. Tel.: (574) 631-6386

PHYS 08699 01: Directed Research: Particle Physics

Variable credits, Wayne, Ruchti

6/20 - 8/05

CRN: 2222

Last add date: 6/25

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

Note: Students must have a recommendation by their high school physics teacher or science faculty with concurrence from Notre Dame QuarkNet or RET staff.

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

PHYS 08798 01: Directed Research in Nuclear Astrophysics

Variable credits, Wiescher

6/20 - 8/05

CRN: 1012

Last add date: 6/25

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

Note: Students must have a recommendation by their high school physics teacher or science faculty with concurrence from the Joint Institute for Nuclear Astrophysics.

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

PHYS 30210 01: Physics I

4 credits, Livingston
5/31 - 7/01 MTWRF 10:00 AM-12:10 PM
CRN: 1291

Last add date: 6/02

Drop dates: refund, 6/05; last, 6/15

Note: In order to take this course, a student must have taken one year of elementary calculus. Non-Notre Dame students taking this course for credit must provide transcripts from colleges and universities they have attended or are now attending.

Description: The basic principles of mechanics, fluid mechanics, thermal physics, wave motion, and sound. Primarily for students in the life sciences. Laboratory meetings each week.

PHYS 30220 01: Physics II

4 credits, Livingston
7/05 - 8/05 MTWRF 10:00 AM-12:10 PM
CRN: 1290

Last add date: 7/07

Drop dates: refund, 7/10; last, 7/20

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

Description: The basic principles of electricity, magnetism, optics, and modern physics. Primarily for students in the life sciences. Laboratory meetings each week.

PHYS 31210 01: Physics I Laboratory

0 credit, Livingston
5/31 - 7/01 TR 1:30 PM-3:30 PM
CRN: 2840

Last add date: 6/02

Drop dates: refund, 6/05; last, 6/15

Description: The laboratory is a co-requisite for PHYS 30210

PHYS 31220 01: Physics II Laboratory

0 credit, Livingston
7/05 - 8/05 TR 1:30 PM-3:30 PM
CRN: 2839

Last add date: 7/07

Drop dates: refund, 7/10; last, 7/20

Description: The laboratory is a co-requisite for PHYS 30220

PHYS 46490 01: Directed Readings

Variable credits
6/20 - 8/05

CRN: 1341

Last add date: 6/25

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

Description: Study of topics not covered or only briefly covered in other courses.

Readings, problems and reports.

PHYS 46490 02: Directed Readings

Variable credits
6/20 - 8/05

CRN: 2890

Last add date: 6/25

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

Description: Study of topics not covered or only briefly covered in other courses.

Readings, problems and reports.

PHYS 48480 01: Undergraduate Research

Variable credits
CRN varies with instructor
6/20 - 8/05

Last add date: 6/25

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

Description: Research in collaboration with members of the faculty. Three to nine hours each week, arranged individually for each student. One to three credits.

PHYS 48999 01: Physics Research Education for Undergraduates

0 credit, Garg
5/31 - 8/05 W 12:00 PM-2:00 PM
CRN: 3347

Last add date: 6/06

Drop dates: refund, 6/12; last, 7/03

Description: Students are granted stipends, university housing, and assistance with travel and food expenses. REU program gives valuable research experience, to help students decide if physics research is right for them.

PHYS 77031 01: Review of Fundamental Physics I

3 credits, Newman, Hyder
6/06 - 7/01 MTWRF 9:00 AM-11:00 AM
CRN: 3027

Last add date: 6/08

Drop dates: refund, 6/10; last, 6/18

Description: Discussions of topics of current interest in physics.

PHYS 77032 01: Review of Fundamental Physics II

3 credits, Eskildsen, Sapirstein
7/11 - 8/05 MTWRF 9:00 AM-11:00 AM
CRN: 3028

Last add date: 7/13

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

Description: Discussion of topics of current interest in physics. (Offered as needed)

PHYS 98699 01: Research and Dissertation

Variable credits
CRN varies with instructor
6/20 - 8/05

Last add date: 6/25

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

Description: Research and dissertation for resident graduate students.

PHYS 98700 01: Nonresident Dissertation Research

1 credit
CRN varies with instructor
6/20 - 8/05

Last add date: 6/25

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

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

POLITICAL SCIENCE

Chair:

Michael Desch, Ph.D.

Dept. Tel.: (574) 631-5189

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

POLS 20100 01: Introduction to American Government

3 credits, Radcliff
6/20 - 8/05

CRN: 3855

Last add date: 6/25

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

Description: This course examines the American political system from the point of view of democratic theory. While we will cover the usual range of topics for an introductory course, particular attention will be devoted to understanding whether, or in what ways, the practice of American politics conforms to conventional understandings of democracy. The course thus stresses theoretical understanding and critical appraisal rather than description. No conventional text book will be used; instead, students will be asked to read a series of more challenging books (and some shorter pieces) on individual topics. Course requirements include a substantial paper.

POLS 30062 01: Civil Liberties and Civil Rights

3 credits, Kaplan

6/20 - 8/05 MWR 2:45 PM-4:05 PM

CRN: 3856

Last add date: 6/25

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

Description: 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 does the court balance formal assumptions and attention to particular situations?

The purpose of this seminar is to help answer these and other questions about the law and politics of basic constitutional rights, including freedom of expression, due process, and equal protection. Course assignments include a critique of a law review article, an essay addressing an issue in civil liberties jurisprudence, and a hypothetical case.

POLS 46902 01: Directed Readings

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Students on the dean's list are eligible for independent study on a topic of the student's choice, under the supervision of a faculty member.

POLS 66900 01: Directed Readings

3 credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Reading and research on specialized topics that are immediately relevant to the student's interests and not routinely covered in the regular curriculum. Letter grade given.

POLS 66903 01: Directed Readings

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Reading and research on specialized topics that are immediately relevant to the student's interests and not routinely covered in the regular curriculum.

Satisfactory/Unsatisfactory grade given.

POLS 67950 01: Examination Preparation

Variable credits, Wolbrecht

6/20 - 8/05

CRN: 2721

Last add date: 6/25

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

Description: Preparation for comprehensive examination.

POLS 78500 01: Field Research

Variable credits, Wolbrecht

6/20 - 8/05

CRN: 3295

Last add date: 6/25

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

Description: This course is for students who are conducting field research, but have not yet defended their prospectus.

POLS 78599 01: Thesis Direction

Variable credits, Wolbrecht

6/20 - 8/05

CRN: 2723

Last add date: 6/25

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

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

POLS 78600 27: Non-resident Thesis Research

Variable credits, Wolbrecht

6/20 - 8/05

CRN: 2724

Last add date: 6/25

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

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

POLS 98699 01: Research and Dissertation

Variable credits, Wolbrecht

6/20 - 8/05

CRN: 1669

Last add date: 6/25

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

Description: Independent research and writing on an approved subject under the direction of the director of graduate studies.

POLS 98700 01: Nonresident Dissertation Research

Variable credits, Wolbrecht

6/20 - 8/05

CRN: 1670

Last add date: 6/25

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

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

PSYCHOLOGY*Chair:*

Daniel Lapsley, Ph.D.

Director of Graduate Studies:

Tom Merluzzi, Ph.D.

Dept. Tel.: (574) 631-6650

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

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

PSY 26800 02: Directed Readings

Variable credits, Braungart-Rieker

6/20 - 8/05

CRN: 3016

Last add date: 6/25

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

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

PSY 26800 50: Directed Readings

Variable credits, Diehl

6/20 - 8/05

CRN: 3731

Last add date: 6/25

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

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

PSY 30100 01: Experimental Psychology I: Statistics

4 credits, Gibson

6/20 - 8/05 MTWRF 9:15 AM-10:55 AM

CRN: 3775

Last add date: 6/25

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

Description: An introduction to the analysis and evaluation of experimental data, with particular emphasis on measures of central

tendency, variability, and covariability and their relationship to psychological theory and explanation.

PSY 30600 01: Social Psychology

3 credits, Venter
5/30 - 6/17 MTWRF 8:30 AM-10:15 AM
CRN: 3850

Last add date: 5/31
Drop dates: refund, 6/02; last, 6/08
Description: An introduction to the major theoretical orientations within the field of experimental social psychology and a survey of the research findings in selected areas such as attitude formation and change, affiliation, interpersonal attraction, and social cognition.

PSY 37900 02: Research Lab Jr

Variable credits
CRN varies with instructor
6/20 - 8/05

Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Independent research carried out under supervision of a faculty member. A typewritten report of a research literature or an experimental study is required.

PSY 43220 01: Adolescent Development

3 credits, Gondoli
6/20 - 8/05 MTWRF 11:45 AM-12:50 PM
CRN: 3854

Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Focuses on adolescent development within various social contexts, including family, peer groups, and the workplace. Special emphasis on normative development at the transition from childhood to adolescence.

PSY 43362 01: Understanding Eating Disorders

3 credits, Corning
6/20 - 7/08 MTWRF 8:30 AM-11:10 AM
CRN: 3851

Last add date: 6/22
Drop dates: refund, 6/24; last, 6/30
Description: In this seminar, we will explore the etiology and treatment of eating disorders. We first will examine biological, psychosocial, and cultural risk factors for the development of the various eating disorders. We then will discuss the strengths and weaknesses of the current diagnostic classification of these disorders as well as related pathologies. Finally, we will critically examine current prevention and treatment efforts, paying particular attention to their

underlying theoretical assumptions and empirical evidence of their efficacy.

PSY 43625 01: Self: Philosophy and Psychology

3 credits, Venter
5/30 - 6/17 MW 12:30 PM-3:00 PM
CRN: 3853

Last add date: 5/31
Drop dates: refund, 6/02; last, 6/08
Description: Who are you? What are you? What is the self? Does it even exist in reality in an absolute sense? What is the nature of social reality and our relationship with it? Social psychology provides some insights into these questions and issues and can inform our thinking and understanding of our selves and our world. Although the broader theoretical and philosophical context for this seminar is social psychological, we will have the opportunity to read about these topics from a variety of sources - psychological, philosophical, and theological.

PSY 47900 02: Special Studies: Reading and Research

Variable credits
CRN varies with instructor
6/20 - 8/05

Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Independent research carried out under supervision of a faculty member. A typewritten report of a research literature or an experimental study is required.

PSY 60159 01: Advanced Issues in Statistics and Research Design

Variable credits, Yuan
6/20 - 8/05

CRN: 2196
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: This course focuses on special topics in statistics beyond the standard courses in the department's curriculum.

PSY 61392 01: Practicum Summer

Variable credits, Smith
6/20 - 8/05

CRN: 3327
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Work with clients individually, in groups, and in field setting as a full-time counseling trainee.

PSY 61394 01: Marital Therapy Practicum

Variable credits, Smith
6/20 - 8/05

CRN: 2547

Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Trainees who have successfully completed the Marital Therapy Seminar register for this supervised practicum every semester. They carry cases at the Marital Therapy and Research Clinic.

PSY 63362 01: Understanding Eating Disorders

3 credits, Corning
6/20 - 7/08 MTWRF 8:30 AM-11:10 AM
CRN: 3852

Last add date: 6/22
Drop dates: refund, 6/24; last, 6/30
Description: In this seminar, we will explore the etiology and treatment of eating disorders. We first will examine biological, psychosocial, and cultural risk factors for the development of the various eating disorders. We then will discuss the strengths and weaknesses of the current diagnostic classification of these disorders as well as related pathologies. Finally, we will critically examine current prevention and treatment efforts, paying particular attention to their underlying theoretical assumptions and empirical evidence of their efficacy.

PSY 65395 01: Non Resident Internship in Counseling Psychology

1 credit, Smith
6/20 - 8/05

CRN: 3617
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Work with clients individually, in groups, and in field setting as a full-time counseling trainee. (Every year)

PSY 65395 37: Non Resident Internship in Counseling Psychology

1 credit, Pope-Davis
6/20 - 8/05

CRN: 3759
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Work with clients individually, in groups, and in field setting as a full-time counseling trainee. (Every year)

PSY 65396 01: Resident Internship in Counseling Psychology

1 credit, Smith
6/20 - 8/05

CRN: 3615
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Work with clients individually,

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in groups, and in field setting as a full-time counseling trainee.

PSY 78841 01: Reading/Special Topics

Variable credits

CRN varies by instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Topics and prerequisites to be specified by instructor.

PSY 98825 04: Research and Dissertation

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: For resident graduate students who have completed all course requirements for the Ph.D.; maximum of 12 hours allowed.

PSY 98826 30: Nonresident Dissertation Research

1 credit, Smith

6/20 - 8/05

CRN: 3616

Last add date: 6/25

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

Description: This research course is meant for non-resident doctoral students.

PSY 98826 37: Nonresident Dissertation Research

1 credit, Pope-Davis

6/20 - 8/05

CRN: 3762

Last add date: 6/25

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

Description: This research course is meant for non-resident doctoral students.

ROMANCE LANGUAGES AND LITERATURES

Chair:

Theodore J. Cachey Jr., Ph.D.

Dept. Tel.: (574) 631-6886

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

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

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

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

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

FRENCH

ROFR 46000 01: Directed Readings

3 credits

6/20 - 8/05

CRN: 3748

Last add date: 6/25

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

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

ROFR 63050 01: French Graduate Reading

0 credit, Boulton

6/20 - 8/05 MTWRF 9:15 AM-10:20 AM

CRN: 1165

Last add date: 6/25

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

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

tuition.

Description: A course designed to prepare students for the Graduate Reading Examination. No prerequisites. Open to undergraduate students by permission of the chair.

ROFR 63050 02: French Graduate Reading

0 credit, MacKenzie

6/20 - 8/05 MTWRF 9:15 AM-10:20 AM

CRN: 3015

Last add date: 6/25

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

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

Description: A course designed to prepare students for the Graduate Reading Examination. No prerequisites. Open to undergraduate students by permission of the chair.

ROFR 66000 01: Directed Readings

3 credits

6/20 - 8/05

CRN: 1089

Last add date: 6/25

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

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

ROFR 66000 02: Directed Readings

Variable credits

6/20 - 8/05

CRN: 3292

Last add date: 6/25

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

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

ROFR 67000 01: Special Studies

Variable credits

6/20 - 8/05

CRN: 3681

Last add date: 6/25

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

Description: Topics vary by semester.

ROFR 78599 01: Thesis Direction

Variable credits

6/20 - 8/05

CRN: 2846

Last add date: 6/25

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

Description: For students doing thesis work for a research master's degree.

ITALIAN

ROIT 10115 01: Intensive Beginning Italian for Study Abroad

6 credits, Vivirito
6/20 - 8/05 MTWRF 9:15 AM-11:35 AM
CRN: 3417

Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: This course covers the material of ROIT 10101 and 10102 in one semester with classes five days per week. Equal emphasis is placed on spoken and written Italian. ROIT 10115 counts as two courses and may be taken in conjunction with ROIT 20201 or ROIT 20215 to fulfill the language requirement. This course is designed for highly motivated students and is especially useful for those planning to study abroad.

ROIT 60115 01: Intensive Beginning Italian

0 credit, Vivirito
6/20 - 8/05 MTWRF 9:15 AM-11:35 AM
CRN: 3746

Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: This course covers the material of ROIT 10101 and 10102 in one semester with classes five days per week. Equal emphasis is placed on spoken and written Italian. ROIT 10115 counts as two courses and may be taken in conjunction with ROIT 20201 or ROIT 20215 to fulfill the language requirement. This course is designed for highly motivated students and is especially useful for those planning to study abroad.

SPANISH

ROSP 10101 01: Beginning Spanish I

4 credits, Williams
6/06 - 7/08 MTWRF 10:30 AM-1:00 PM
CRN: 3848

Last add date: 6/08
Drop dates: refund, 6/12; last, 6/22
Description: This is an introductory, first-year language sequence with equal focus on the four skills: speaking, listening, reading, and writing. An appreciation for Hispanic cultures is also encouraged through readings and class discussion. The sequence is to be followed by ROSP 20201 or ROSP 20215.

ROSP 10102 01: Beginning Spanish II

4 credits
6/06 - 7/08 MTWRF 10:30 AM-11:40 AM
6/06 - 7/08 MTWRF 11:45 AM-1:00 PM

CRN: 1286

Last add date: 6/08
Drop dates: refund, 6/12; last, 6/22
Note: Note the following permitted prerequisite: Language Exam Score between 281 and 340.

Description: This is an introductory, first-year language sequence with equal focus on the four skills: speaking, listening, reading, and writing. An appreciation for Hispanic cultures is also encouraged through readings and class discussion. The sequence is to be followed by ROSP 20201 or ROSP 20215.

ROSP 20201 01: Intermediate Spanish I

3 credits, Coloma
7/11 - 7/29 MTWRF 8:30 AM-11:00 AM
CRN: 3415

Last add date: 7/13
Drop dates: refund, 7/15; last, 7/21
Note: Note the following permitted prerequisite: Language Exam Score between 341 and 394.

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

ROSP 60101 01: Beginning Spanish I

0 credit, Williams
6/06 - 7/08 MTWRF 10:30 AM-1:00 PM
CRN: 3849

Last add date: 6/08
Drop dates: refund, 6/12; last, 6/22
Description: This is an introductory, first-year language sequence with equal focus on the four skills: speaking, listening, reading, and writing. An appreciation for Hispanic cultures is also encouraged through readings and class discussion. The sequence is to be followed by ROSP 20201 or ROSP 20215.

ROSP 60102 01: Beginning Spanish II

0 credit
6/06 - 7/08 MTWRF 10:30 AM-11:40 AM
6/06 - 7/08 MTWRF 11:45 AM-1:00 PM
CRN: 3757

Last add date: 6/08
Drop dates: refund, 6/12; last, 6/22
Description: This is an introductory, first-year language sequence with equal focus on the four skills: speaking, listening, reading, and writing. An appreciation for Hispanic cultures is also encouraged through readings and class discussion. The sequence is to be

followed by ROSP 20201 or ROSP 20215.

ROSP 60201 01: Intermediate Spanish I

0 credit, Coloma
7/11 - 7/29 MTWRF 8:30 AM-11:00 AM
CRN: 3756

Last add date: 7/13
Drop dates: refund, 7/15; last, 7/21
Description: This is an intermediate second-year language sequence with equal focus on oral and writing skills. It includes a review of basic grammar and then transitions into more difficult features of Spanish. Students learn to discuss and write about Hispanic cultural topics, current events, and literary texts.

ROSP 66000 01: Directed Readings

Variable credits
6/20 - 8/05
CRN: 1006
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Specialized reading related to the student's area of study.

ROSP 66000 02: Directed Readings

Variable credits
6/20 - 8/05
CRN: 1015
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Specialized reading related to the student's area of study.

ROSP 76000 01: Directed Readings

3 credits
6/20 - 8/05
CRN: 1285
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Specialized reading related to the student's area of study.

SCIENCE NONDEPARTMENTAL

Associate Dean:

Bei Hu, Ph.D.
Dept. Tel.: (574) 631-7738

SC 48100 01: Research Experience for Undergraduates

0 credit, Hurley
6/20 - 8/05
CRN: 1477
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14

Note: A zero-credit course for students engaged in independent research or working with a faculty member or a member of the University staff on a special project. Registration requires a brief description of the research or project to be pursued and the permission of the director of the summer session.

Description: Times and inclusive dates variable depending on specific program elected by the student. Permission required.

SC 48101 01: Undergraduate Research

Variable credits

6/20 - 8/05

CRN: 1001

Last add date: 6/25

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

Description: Times and inclusive dates variable depending on specific program elected by the student. Permission required.

SC 67100 01: Special Studies

Variable credits, Lappin

6/20 - 8/05

CRN: 1284

Last add date: 6/25

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

Description: Times, inclusive dates and topics variable depending on specific program elected by the student. Permission required.

SOCIOLOGY

Chair:

Rory McVeigh, Ph.D.

Dept. Tel.: (574) 631-6463

The Program of Studies. In the summer session, the Department of Sociology offers selected courses, described below. The requirements for the undergraduate major in sociology include 25 semester hours.

SOC 10033 01: Introduction to Social Problems

3 credits, Price

6/20 - 8/05 MWR 8:25 AM-10:15 AM

CRN: 4148

Last add date: 6/25

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

Description: Today's society is beset by many serious social problems, for example, crime and deviance, drug abuse and addiction, domestic violence, hunger and poverty, and racial/ethnic discrimination. How do we think about these problems in ways that lead to helpful solutions? In what ways does one's

own social background and role in society affect his/her views of these problems? In this course, students will learn to take a sociological perspective not only in examining the causes, consequences, and solutions to some of society's most troubling social problems, but also in taking a critical look at their own perceptions of the problems.

SOC 10871 01: Inner City America: Understanding Urban Inequality

3 credits, Carbonaro

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3841

Last add date: 6/22

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

Description: Every major American city has a racially segregated, impoverished 'ghetto'; that is plagued by material deprivation, illicit activities, and institutional neglect. What is daily life like in the inner city? What are the social and economic forces that created the modern day 'ghetto'? Why is inner city poverty and disorder so hard to eradicate? In this course, we will examine these questions through the lens of two critically acclaimed television series: *The Corner* and *The Wire*- Season One. Each series focuses on life in inner city Baltimore. Both have been praised by journalists and social scientists as compelling dramas that provide largely accurate renderings of the problems that plague America's inner cities. In addition to viewing *The Corner* and *The Wire* (a combined 19 hours), we will discuss sociological research and numerous theories that will deepen our understanding of these two brilliant narratives of life in urban America. (Co requisite Film Lab: SOC 11871)

SOC 11871 01: Film Lab: Inner City America: Understanding Urban Inequality

3 credits, Carbonaro

6/20 - 7/08 MTWR 7:00 PM-9:00 PM

CRN: 3843

Last add date: 6/22

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

Description: This is the film lab required of SOC 10871, "Inner City America: Understanding Urban Inequality." Viewing the two film series, i.e., "The Corner" and "The Wire," is central to the study of the issues of focus in this course. Students are, therefore, required to attend each showing with the other students in this course, at the assigned times. If need be, students may make arrangements, with the permission of the instructor, to view it on their own.

SOC 20033 01: Introduction to Social Problems

3 credits, Price

6/20 - 8/05 MWR 8:25 AM-10:15 AM

CRN: 4152

Last add date: 6/25

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

Description: Today's society is beset by many serious social problems, for example, crime and deviance, drug abuse and addiction, domestic violence, hunger and poverty, and racial/ethnic discrimination. How do we think about these problems in ways that lead to helpful solutions? In what ways does one's own social background and role in society affect his/her views of these problems? In this course, students will learn to take a sociological perspective not only in examining the causes, consequences, and solutions to some of society's most troubling social problems, but also in taking a critical look at their own perceptions of the problems.

SOC 20871 01: Inner City America: Understanding Urban Inequality

3 credits, Carbonaro

6/20 - 7/08 MTWRF 8:30 AM-11:10 AM

CRN: 3842

Last add date: 6/22

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

Description: Every major American city has a racially segregated, impoverished "ghetto" that is plagued by material deprivation, illicit activities, and institutional neglect. What is daily life like in the inner city? What are the social and economic forces that created the modern day "ghetto"? Why is inner city poverty and disorder so hard to eradicate? In this course, we will examine these questions through the lens of two critically acclaimed television series: *The Corner* and *The Wire*- Season One. Each series focuses on life in inner city Baltimore. Both have been praised by journalists and social scientists as compelling dramas that provide largely accurate renderings of the problems that plague America's inner cities. In addition to viewing *The Corner* and *The Wire* (a combined 19 hours), we will discuss sociological research and numerous theories that will deepen our understanding of these two brilliant narratives of life in urban America. (Co requisite Film Lab: SOC 21871)

SOC 21871 01: Film Lab: Inner City America: Understanding Urban Inequality

3 credits, Carbonaro

6/20 - 8/05 MTWR 7:00 PM-9:00 PM

CRN: 3844

Last add date: 6/25
 Drop dates: refund, 6/29; last, 7/14
 Description: This is the film lab required of SOC 20871, "Inner City America: Understanding Urban Inequality." Viewing the two film series, i.e., "The Corner" and "The Wire," is central to the study of the issues of focus in this course. Students are, therefore, required to attend each showing with the other students in this course, at the assigned times. If need be, students may make arrangements, with the permission of the instructor, to view it on their own.

SOC 23111 01: Living in a Material World: Sociology of Consumption

3 credits, Christoffersen
 6/20 - 8/05 MTWR 10:30 AM-11:50 AM
CRN: 3845
 Last add date: 6/25
 Drop dates: refund, 6/29; last, 7/14
 Description: This introductory level course provides an overview of sociological theory and methods. Beginning with the early sociological theorists, we will trace a path through different sociological understandings of why people consume the things that they do and how consumption objects come to be defined. We will consider the objects and services we buy and the activities we like to engage in during our free time and see what these suggest about us and our society. Students will examine the place of goods and commodities in social life, moving beyond the narrow economic aspects of purchasing consumptive items to exploring the value of the activities surrounding such goods for achieving status, pleasure, sociability, identity formation, and value-expression. Drawing on daily practices such as shopping, food and drink, clothing and fashion, the course examines the various as well as contradictory roles that consumption plays in contemporary society.

SOC 30019 01: Sociology of Sport

3 credits, Welch
 6/20 - 8/05 TR 1:15 PM-3:45 PM
CRN: 2762
 Last add date: 6/25
 Drop dates: refund, 6/29; last, 7/14
 Description: The primary objective of this course is to examine the nature of sport in American society and the modern world. A variety of topics will be covered, including sociological perspectives on the history of sport, the relationship between sports and the

entertainment industry, problems in intercollegiate and professional sports, and other issues. The course should be particularly helpful for students who are interested in careers in athletic administration, sports journalism or broadcasting, coaching, higher education administration, sports and entertainment law, and other aligned fields.

SOC 30512 01: Sociology of the Environment: Technology & Nature, Crises & Opportunities

3 credits, Faeges
 6/20 - 8/05 MWF 10:30 AM-12:20 PM
CRN: 3846
 Last add date: 6/25
 Drop dates: refund, 6/29; last, 7/14
 Description: You have heard the warnings about environmental catastrophe, and you have heard the counterclaims that there's nothing to worry about. Maybe you don't know who to believe, or maybe you don't know what you can do. You don't want to just turn off the electricity and park your car; but if we get this wrong, there is no "Planet B" -- Earth is the only planet we've got! This course is a chance to take a rational look at the complex relationship between our highly technological society and the natural environment. It offers an introduction to and an overview of the sociology of the environment -including, of course, the subject of global warming, but also the many other ways in which society depends on and impacts nature and how environmental issues become social issues, both within societies, and between societies in our increasingly globalized world. We will use readings and films, lectures and discussions, to explore the issues, with grades based on quizzes and a final exam.

SOC 30902 01: Methods Sociological Research

3 credits, Williams
 6/20 - 7/08 MTWRF 8:30 AM-11:10 AM
CRN: 3422
 Last add date: 6/22
 Drop dates: refund, 6/24; last, 6/30
 Description: Sociology 30902 is designed to provide an overview of research methods in the social sciences. Topics covered include (1) hypothesis formulation and theory construction; (2) the measurement of sociological variables; and (3) data collection techniques - experimental, survey, and observational. At the end of the course, students should appreciate both the strengths and the limitations of sociological research methods.

SOC 43651 01: Religion, Modernity, and Globalization

3 credits, Vaidyanathan
 6/20 - 8/05 MTWR 8:55 AM-10:15 AM
CRN: 3847
 Last add date: 6/25
 Drop dates: refund, 6/29; last, 7/14
 Description: What is the role of religion in the modern world? Does modernity have a corrosive influence on religion? Is religion able to persist in the face of modern developments? Can modernity serve as a source of religious renewal or revitalization? Does religion itself contribute to the project of modernity? And how are we to understand the very notions of "modernity" and "secularization," particularly in the context of globalization?

This course examines such questions which have been the focus of important and ongoing debates for the past century. Course readings will examine the treatment of religion in classical social thought; post-war theories of modernization and secularization; recent debates about the "post-secular" age; the thesis of "multiple modernities"; religious responses to modernity and globalization (including Papal encyclicals); and key empirical studies in recent decades that have fueled debates on these topics. The course will also consider how comparative cultural research on globalization contributes to our understanding of the relationship between religion and modernity.

SOC 46000 01: Directed Readings

Variable credits, Power
 6/20 - 8/05
CRN: 3205
 Last add date: 6/25
 Drop dates: refund, 6/29; last, 7/14
 Description: Directed Readings in Sociology offers a student the chance to work closely with a member of the faculty on a topic that is not available through any of the regularly offered courses. This independent study course allows for the student, under the guidance of the faculty mentor, to draw up a reading list and study plan for in-depth reading throughout the semester. The student is responsible for periodic oral and/or written reports and at least one major paper. To qualify for this course, a student must have a GPA of at least 3.5 in Sociology. A formal application is required. Students should have a clear idea of the topic they want to pursue and the faculty member they have asked to direct them before requesting

a copy of this form from the Director of Undergraduate Studies. This is a graded course, no exceptions. Department Approval Required. (Before department approval is given, the student must have the application signed by the faculty member, the DUS in Sociology, and an Assistant Dean in the A&L Undergraduate Studies office.)

SOC 76097 01: Directed Readings in Sociology

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Reading and research on highly specialized topics that are immediately relevant to the student's interests and that are not routinely covered in the regular curriculum.

SOC 78599 01: Thesis Direction

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Reserved for the six-credit-hour thesis requirement of the master's degree.

SOC 78600 01: Nonresident Thesis Research

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: For master's degree students.

SOC 98699 01: Research and Dissertation

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: For resident graduate students who have completed all course requirements for the Ph.D.

SOC 98700 01: Nonresident Dissertation Research

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: For non-resident graduate students who have completed all course requirements for the Ph.D.

THEOLOGY

Summer M.A. Director:

Kristin M. Colberg, Ph.D.

Dept. Tel.: (574) 631-7811

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

THE MASTER OF ARTS PROGRAM

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

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

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

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

Program Description

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

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

Apart from liturgical studies, an area of

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

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

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

Prerequisites for Admission

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

Certification

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

Class Schedule

Graduate-level courses are arranged within two three-week modules (Module 1: June 20–July 8, 2011; Module 2: July 11–July 29, 2011). 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).

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

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

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

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

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

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

Course Offerings

THEO 10001 01: Foundations of Theology: Biblical/Historical

3 credits, Reynolds
6/20 - 8/05 MTWR 8:55 AM-10:15 AM
CRN: 3360

Last add date: 6/25

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

Description: This first course in theology offers a critical study of the Bible and the

early Catholic tradition. Following an introduction to the Old and New Testaments, students follow major post-biblical developments in Christian life and worship (e.g., liturgy, theology, doctrine, asceticism), emphasizing the first five centuries. For details on emphases of individual instructors, see the Department of Theology Course Description Booklet or the departmental website: www.nd.edu/~theo.

THEO 20001 01: Foundations of Theology: Biblical/Historical

3 credits, Reynolds
6/20 - 8/05 MTWR 8:55 AM-10:15 AM
CRN: 3361

Last add date: 6/25

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

Description: This first course in theology offers a critical study of the Bible and the early Catholic tradition. Following an introduction to the Old and New Testaments, students follow major post-biblical developments in Christian life and worship (e.g., liturgy, theology, doctrine, asceticism), emphasizing the first five centuries. For details on emphases of individual instructors, see the Department of Theology Course Description Booklet or the departmental website: www.nd.edu/~theo.

THEO 20606 01: Theology of Marriage

3 credits, Odozor
6/20 - 8/05 MTWRF 10:30 AM-11:35 AM
CRN: 3812

Last add date: 6/25

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

Description: 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 30025 01: Facilitating Growth in Faith

1 credit, Poorman
6/20 - 7/22 MTWR 8:00 AM-10:00 PM
6/20 - 7/22 F 8:00 AM-2:00 PM

CRN: 2832

Last add date: 6/22

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

Description: "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 Theology 30018. As a field education integrative seminar, this course will include interactive lectures, small group discussion sessions, and case study work on topics having to do with mentoring others in their personal and communal growth in faith and in their awareness of how to live their Christian vocations. Related theological topics include Christological and pneumatological perspectives on discipleship, grace, conversion, evil and human suffering, prayer, living the sacramental/liturgical life of the Church, becoming the Body of Christ, discerning the presence and action of God in our lives, and giving witness to faith in service and justice.

THEO 30031 01: Knowing the God Who Calls

3 credits, Poorman

6/07 - 6/16 MTWRF 9:00 AM-5:00 PM

CRN: 4089

Last add date: 6/07

Drop dates: refund, 6/08; last, 6/11

Description: This course is designed to assist Notre Dame undergraduates who are preparing to work as "Mentors in Faith" within Notre Dame Vision. The course addresses fundamental theological themes necessary for them to serve as peer mentors for high school students exploring their vocation to Christian discipleship. Participants in the course will thus examine topics related to a theology of vocation: the call to intimacy with the Triune God; the call to follow Jesus Christ; the call to lifelong conversion animated by the Holy Spirit; the call to communion and mission in the church; the call to prayer and sacrament; the call to right relationship; and the call to service and justice.

THEO 46001 01: Directed Readings

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

THEO 48001 01: Undergraduate Research

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Varies with instructor. Variable credit.

THEO 48801 01: Research in Bio-cultural Anthropology

Variable credits, Sheridan

6/06 - 7/22 MTWRF 10:00 AM-6:00 PM

CRN: 2750

Last add date: 6/10

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

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

THEO 60161 01: David in Biblical Literature

3 credits

7/11 - 7/29 MTWRF 8:00 AM-10:30 AM

CRN: 3813

Last add date: 7/13

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

Description: The biblical biography of David, found primarily in the books of Samuel and beginning of Kings, maintains a perfect equilibrium between David's personal and the public personas while, between the two, there opens a wide chasm, granting tragic depth to his character: David, King of Israel, succeeds in all his public endeavors, but the private person, husband, and father finds no comfort in his own home. Other sources for David's life are found in the book of Chronicles, in which David is portrayed as the founder of

Jerusalem's temple (though he didn't build it) and its cult, in the prophetic books, which present him as the forefather of the messiah, and Psalms, where he is portrayed as a poet. Indeed, David's biblical life-story is a mosaic of sources written by a wide variety of ideological schools from various periods. In this class, using a range of philological and literary tools, we will trace the history and development of the David traditions and their different ideologies.

THEO 60164 01: Intro to New Testament: The Synoptic Problem

3 credits, Tatum

6/20 - 7/08 MTWRF 10:55 AM-1:35 PM

CRN: 3868

Last add date: 6/22

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

Description: The Synoptic Problem arises from the similarities and differences among the Gospels according to Matthew, Mark, and Luke. This course will analyze the basic evidence for positing some kind of literary dependence as well as the major theories proposed. The student will acquire basic skills in distinguishing the literary strategies and theological emphases of these three Gospels by close comparison of particular passages.

THEO 60221 01: Catechesis: History & Theory

3 credits, Baumbach

6/20 - 7/08 MTWRF 10:55 AM-1:35 PM

CRN: 3318

Last add date: 6/22

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

Description: Catechesis aims "to put people not only in touch, but also in communion and intimacy, with Jesus Christ" (General Directory for Catechesis 80, quoting *Catechesi Tradendae* 5; cf. National Directory for Catechesis, 19B). What is catechesis and how does catechesis pursue this aim in contemporary parish life? What are some dimensions of catechesis as demonstrated during selected periods in the history of the church (e.g., influence of the baptismal catechumenate historically and today)? This course will enable students to explore catechesis from selected historical and contemporary perspectives, to gain awareness of developments in practice and in theoretical approaches, and to acquire and demonstrate a working familiarity with contemporary catechetical literature. Readings will include a variety of sources from antiquity to the present. Students will be encouraged to apply

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these sources to issues in parish catechetical leadership today.

THEO 60222 01: Christian Doctrine/ Catechists

3 credits, Cavadini

6/20 - 7/08 MTWRF 8:00 AM-10:40 AM

CRN: 3319

Last add date: 6/22

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

Description: This course is intended to serve as a resource for catechists and religious educators. It provides a basic theological introduction to the material represented in Pillars I and II of the Catechism of the Catholic Church : the Creed and the Sacraments. The course is specifically designed to cover this material in a way that will provide facility in teaching it in a variety of contexts. Readings will come not only from the Catechism , but from various primary sources, both traditional and contemporary illustrative of the theology that forms its background. The course will be especially useful for anyone wishing to acquire an understanding of the basic doctrines of the Catholic faith and of the theological integration of these doctrines.

THEO 60258 01: Mary

3 credits, Daley

7/11 - 7/29 MTWRF 2:20 PM-4:50 PM

CRN: 3810

Last add date: 7/13

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

Description: 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.

THEO 60281 01: Patristic and Medieval Interpretation of the Psalter: An Introduction

3 credits, Astell

7/11 - 7/29 MTWRF 10:55 AM-1:25 PM

CRN: 3809

Last add date: 7/13

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

Description: The New Testament presents the Psalms both as prayers and as prophecies fulfilled in Christ. Following this scriptural lead, the Fathers of the Church developed a Christological interpretation of the entire Psalter. Building upon the exegesis of St. Augustine, Cassiodorus studied the Psalter as a compendious textbook of all the arts and sciences. The psalmody and lectio divina practiced by monks from ancient times through the Middle Ages preserved and developed the prophetic, Christological understanding of the Psalms, while treasuring them as inspired prayers given to the Church. This course will offer an introduction into this rich exegetical and liturgical tradition.

THEO 60282 01: John of the Cross A Mystic's Mystic

3 credits, Egan

6/20 - 7/08 MTWRF 2:20 PM-5:00 PM

CRN: 3808

Last add date: 6/22

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

Description: John of the Cross, saint, doctor of the church and distinguished Spanish poet has become a mystic's mystic. Through the lens of John's poetry and other writings, one can explore the Christian mystical tradition of the past and can also further one's understanding of the contemporary mystical horizon. This course will explore the spiritual significance and primacy of John's poems which are reports of John's encounters with the divine, the meaning and application of John's doctrine of the Dark Night, John's journey from the search for God to its mystical culmination in *The Spiritual Canticle* and finally John's report on his deepest encounter with God which he shares with his readers in his commentary on the work of the Holy Spirit called *The Living Flame of Love*.

Themes to be investigated will be John's use of the Bible, his Christology, his theology of the Holy Spirit, his appropriation of Bridal Mysticism, the experience of the Dark Night, the meaning of love, deification, his poetry as the revelation of God's love, and John's contribution to ordinary, everyday sacramental mysticism, John's spiritual guidance, the latter of which can be summed up in a saying he passed out to his directees: "In the evening of life you shall be examined in love."

An excellent preparation for this course will be these two short books: Iain Matthew, *The Impact of God: Soundings from St John of*

the Cross (London: Hodder and Stoughton); a biography: Richard Hardy, *John of the Cross: Man and Mystic* (Pauline Books).

The text for the course will be *The Collected Works of St. John of the Cross*, Revised edition, trans. by Kavanaugh and Rodriguez (Institute of Carmelite Studies, 1991).

Brief reflection papers will be due on the Saturdays of the course with the possible option of an oral exam in place of the third paper. Questions about the course can be addressed to the professor: Egan.1@nd.edu.

THEO 60404 01: Eucharist

3 credits, Driscoll

7/11 - 7/29 MTWRF 2:20 PM-4:50 PM

CRN: 3807

Last add date: 7/13

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

Description: 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.

THEO 60416 01: Liturgical Theology

3 credits, Fagerberg

7/11 - 7/29 MTWRF 10:55 AM-1:25 PM

CRN: 3806

Last add date: 7/13

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

Description: This course will detail how Christian theology is rooted in the liturgy's *lex orandi*. We will begin by defining the method and scope of liturgical theology (especially using Schmemmann, Kavanaugh, 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 60419 01: Liturgical History

3 credits, Johnson

6/20 - 7/08 MTWRF 10:55 AM-1:35 PM

CRN: 3805

Last add date: 6/22

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

Description: 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 01: Liturgical Prayer

3 credits, Bradshaw
6/20 - 7/08 MTWRF 2:20 PM-5:00 PM
CRN: 3804

Last add date: 6/22

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

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

THEO 60435 01: The Roman Missal: Preparation and Reception (LS)

2 credits, Turner
6/27 - 7/08 MTWRF 8:00 AM-10:40 AM
CRN: 3590

Last add date: 6/27

Drop dates: refund, 6/28; last, 7/02

Description: This course will look at the revised third edition of the Roman Missal and its translation into English currently in preparation. During the first week, as a prelude to the current missal a study of the origins and development of liturgical books used for mass will be undertaken, beginning with the sacramentaries, the calendar, the *ordo missae* and ritual ordines, with the related questions concerning liturgical legislation. Consideration will be given to the development of the musical parts, such as chant books, antiphonaries, graduals, and the proper and ordinary parts of the mass. During the second week participants will receive an overview of the contents of the third edition of the missal, the process of its translation, and an analysis of the revised texts for the Order of Mass.

THEO 60452 01: Liturgy and its Biblical Foundations

2 credits, Fagerberg
6/27 - 7/08 MTWRF 8:00 AM-10:40 AM
CRN: 3803

Last add date: 6/27

Drop dates: refund, 6/28; last, 7/02

Description: The Christian liturgy grew out of Israel's theology and history. This course will elaborate elements of Christian liturgical theology by looking at Biblical foundations for them. We will compare the patristic methods of interpreting texts through typology, and sacraments through mystagogy. Then we will look at specific issues like the people of God, sacrifice, liturgical time, the Lord's Day, *berakah* prayer structures, anamnesis, etc. Special attention will be paid to renewing the sacraments.

THEO 60618 01: Theology of the Body

3 credits, Reimers
7/11 - 7/29 MTWRF 8:00 AM-10:30 AM
CRN: 3871

Last add date: 7/13

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

Description: 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 significance 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 7 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 01: Medical Ethics

3 credits, Camosy
6/20 - 7/08 MTWRF 2:20 PM-5:00 PM
CRN: 3814

Last add date: 6/22

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

Description: 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.

THEO 60632 01: Foundations of Christian Moral Life

3 credits, Mattison
7/11 - 7/29 MTWRF 8:00 AM-10:30 AM
CRN: 3834

Last add date: 7/13

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

Description: The target audience for this course is twofold: the students taking the course, and those they will one day serve. Therefore the course offers an intellectually challenging graduate level introduction to moral theology, equipping students with an understanding of foundational principles of Catholic moral theology, with attention to each of the following: key themes, key figures / texts, and key time periods. It simultaneously demands (through oral exams, papers, class discussions, and certain readings) that students both understand and are able to address how more technical material in the course relates to and illuminates how people live morally outside of formal studies. The point of this course is to immerse students in the foundations of moral theology to enable them to better understand, preach about, and counsel people on both everyday moral issues and the more publicly contested "hot button" issues.

THEO 60846 01: Christology

3 credits, Krieg
7/11 - 7/29 MTWRF 10:55 AM-1:25 PM
CRN: 3869

Last add date: 7/13

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

Description: 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

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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 01: Pastoral Theology

2 credits, Poorman

7/11 - 7/29 WRF 2:00 PM-4:50 PM

CRN: 3323

Last add date: 7/13

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

Description: (ECHO program first-year participants only.) This course is designed to assist newly selected apprentice catechetical leaders within the ECHO/Faith Formation Leadership Program in their preparation for lay ecclesial ministry. Participants learn fundamental pastoral/ministerial skills and processes involved in theological reflection, facilitation of growth in faith, pastoral counseling, parish administration, spiritual direction, and ministry to distinct groups by age and culture. Class sections include interactive lectures and small group work, as well as introductions to pastoral utilization of case study method, learning covenants, and formalized professional mentoring relationships. Class sessions also afford participants opportunities for in-class panel presentations on topics pertinent to catechetical leadership in the Roman Catholic Church.

THEO 60848 01: Theological Integration

2 credits, Poorman

7/11 - 7/29 MTWRF 10:55 AM-1:25 PM

CRN: 3324

Last add date: 7/13

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

Description: (ECHO second-year participants only.) This course represents a continuation of Theology 60847 and is designed to assist apprentice catechetical leaders in the ECHO/Faith Formation Leadership Program in their ongoing integration of theological studies and professional ministerial praxis. Having completed a full academic year of parish ministry, participants nurture their emerging ministerial identities and skills while utilizing class sessions for advanced work in theological reflection based on case study method and for seminar facilitation of conversation on theological topics pertinent to catechetical leadership in

the Roman Catholic Church. In addition to deepened exploration of ministerial skills and processes emphasized during their first year in ECHO, participants engage in facilitated appropriation of leadership skills such as ministerial collaboration, mutual empowerment, delegation, community building, conflict resolution, volunteer management, parish needs assessment, and effective pastoral communication. Relationship between Christology and Pneumatology in the Writings of Yves Congar, Karl Rahner and Jacques Dupuis, PUG, 1987.

THEO 60853 01: Political Liberation Theology

2 credits, Gutierrez, Ashley

7/11 - 7/22 MTWRF 10:55 AM-1:25 PM

CRN: 3798

Last add date: 7/11

Drop dates: refund, 7/12; last, 7/16

Description: This course will look at the origins and development of political theology in Europe and liberation theology in Latin America, with particular attention to foundational texts by figures such as Johann Baptist Metz, Gustavo Gutierrez, Juan Luis Segundo, and others.

THEO 60857 01: Augustine and the Christian Life

3 credits, Cunningham

6/20 - 7/08 MTWRF 8:00 AM-10:40 AM

CRN: 3797

Last add date: 6/22

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

Description: This course will focus on a close reading of some of Saint Augustine's shorter works with a precise concentration on what the great Father of the Church considers to be a life lived under the grace of God in faith. Our readings will concentrate on some treatises found in the volume, *On Christian Belief*, ed. Boniface Ramsey (Hyde Park: New City Press, 2005) [ISBN for paperback edition: 1-56548-234-4]. We would concentrate on the "Enchiridion of Faith, Hope and Charity" but also read "The Advantage of Believing", and "Faith and the Creed" and a few others as time permits. A short essay will be required at the end of each week and class discussion will be part of our close reading of Augustine's texts. In anticipation of the class it might be useful to read his classic work, *Confessions*.

THEO 60861 01: Buddhist and Christian Visions of the Contemplative Life

3 credits, Gimello

6/20 - 7/08 MTWRF 10:55 AM-1:35 PM

CRN: 3796

Last add date: 6/22

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

Description: 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 01: Young Adult Ministries

2 credits, Poorman

8/03 - 8/03 W 3:00 PM-6:00 PM

8/04 - 8/05 RF 8:00 AM-6:00 PM

CRN: 3811

Last add date: 8/02

Drop dates: refund, 8/03; last, 8/04

Description: 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 Dr. Kate DeViries, will facilitate this pastoral workshop at Notre Dame for the first day, Wednesday, August 5, and at Old St. Pat's in Chicago on August 6, with the assistance of other Archdiocesan personnel engaged in Young Adult Ministries. The morning of August 7 will serve as an opportunity to process reflectively and interactively with other participants and to contribute to the generation of final projects for the course. 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, MDiv, and MA students.

THEO 66001 01: Directed Readings

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

THEO 68201 01: NSF-REU Biocultural Research Program

Variable credits, Sheridan

6/06 - 7/22 MTWRF 10:00 AM-6:00 PM

CRN: 3197

Last add date: 6/10
 Drop dates: refund, 6/14; last, 6/29
 Description: This hands-on research course will engage students in an experiential learning environment that immerses them in anthropological method and theory. Using the large Byzantine St. Stephen's skeletal collection from Jerusalem as the cornerstone, historical and archaeological information will be synthesized in a bio-cultural reconstruction of ancient monastic life. Students will conduct original research, share in an active field trip program, and participate in a lecture program delivered by top scholars in the fields of biological anthropology, classics, and Near Eastern studies. Students will develop a suite of methodological skills in the natural and social sciences, explore artifacts and life ways of the study population, delve into the pertinent literature using several world-class libraries, develop skills for collaborative research, and discover the importance of a holistic approach to a fuller understanding of life in the past.

THEO 68802 01: Comprehensive Review

1 credit
 7/11 - 7/15 MTWRF 5:00 PM-6:30 PM
 7/16 - 7/16 S 8:00 AM-1:00 PM
CRN: 3755
 Last add date: 7/11
 Drop dates: refund, 7/11; last, 7/13
 Description: A review course open only to those taking comprehensive examinations in July. This course meets MWF in the first week and TH in the second. Monday is dedicated to finalizing comprehensive topics, Wednesday and Friday to the written portion of the exams. The second week, Tuesday and Thursday, focuses on the oral portion of the exams.

THEO 78599 01: Thesis Direction

Variable credits
CRN varies with instructor
 6/20 - 8/05
 Last add date: 6/25
 Drop dates: refund, 6/29; last, 7/14
 Description: For students doing thesis work for a research master's degree.

THEO 78600 01: Nonresident Thesis Research

1 credit
CRN varies with instructor
 6/20 - 8/05
 Last add date: 6/25
 Drop dates: refund, 6/29; last, 7/14
 Description: Required of nonresident

master's degree students who are completing their theses in absentia and who wish to retain their degree status.

THEO 86001 01: Directed Readings

Variable credits
CRN varies by instructor
 6/20 - 8/05

Last add date: 6/25
 Drop dates: refund, 6/29; last, 7/14
 Description: Research and writing on an approved subject under the direction of a faculty member.

THEO 87002 01: Preparing for Academic Career

1 credit, Wawrykow
 5/30 - 6/03 MTRF 1:00 PM-4:00 PM
CRN: 2822
 Last add date: 5/30
 Drop dates: refund, 5/30; last, 6/01
 Description: There are a number of issues relating to the culture of academic life that are typically left unaddressed in formal course work and degree programs, but which are of concern for those who plan to spend their careers in academic life. This course introduces doctoral students, especially those in the humanities, to a number of these in an effort to promote professional development. This course is built around four major areas: academic positions and expectations, teaching and teaching skills, research, and service. We will explore a wide range of topics for each of these areas, including the preparation of a C.V., an explanation of the tenure process, syllabus construction, the use of technology in teaching, establishing a research agenda, participation in professional societies, external grants, citizenship in the university and society, and principles for a successful career. The course emphasizes the practical requirements of the professorate. It is designed for those in the job market but is open to any who want to learn about the requirements of academia.

THEO 98699 01: Research and Dissertation

Variable credits
CRN varies with instructor
 6/20 - 8/05

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

THEO 98700 01: Nonresident Dissertation Research

1 credit
CRN varies with instructor
 6/20 - 8/05
 Last add date: 6/25
 Drop dates: refund, 6/29; last, 7/14
 Description: Required of nonresident graduate students who are completing their dissertations in absentia and who wish to retain their degree status.

CST 33993 01: Ethical Leaders in Service

1 credit, Purcell, Hebbeler
 6/06 - 6/17 MTWRF 9:30 AM-2:30 PM
CRN: 3778
 Last add date: 6/06
 Drop dates: refund, 6/07; last, 6/11
 Note: Cross-listed as CSC 33993: 01 CRN: 3780

Description: This community-based learning course will examine in an interdisciplinary process various modes of ethics and its implementation within community engagement. Among the areas explored will be personal, professional, sexual and global ethics. The students will work with vulnerable populations in the South Bend region through local non-profit partnerships to see how ethical decision making is lived out. Among the evaluation will be journaling and oral presentations on the experiences with the local non-profits.

SCHOOL OF ARCHITECTURE, INTERNATIONAL PROGRAMS

Dean:

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

Summer programs offered through the School of Architecture offer unique learning opportunities for students to apply what they are learning to a real world context. Recent foreign studies programs have taken place in China, Japan, Cuba, Portugal, Greece, Italy, and the United Kingdom. Programs offered in 2011 will take place in Greece and Spain. For further information, contact Cindy DuBree (574) 631-8437 or Barbara Panzica (574) 631-4699, 110 Bond Hall,

COLLEGE OF ENGINEERING, ALCOY PROGRAM

Director:

John Brauer

On-Site Director:

Eduardo Wolf

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

Course of Study. The six-week program (May 18-June 24) will consist of two three-credit courses. Students register in the University of Notre Dame summer session for EG 34440 Probability and Statistics, and EG 44007, Future Vehicle Concepts. Both courses will take advantage of the locale and include topics related to Spanish and European Professional practice.

Field Trips. Field trips to sites of Spanish engineering and cultural significance such as the World Expo in Zaragoza, the Alhambra in Granada and Barcelona are included in the

program. Specific projects visited will vary from year to year.

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

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

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

For further information and an application packet, write to:

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

EE 44007 01: Future Vehicle Concepts

3 credits, Bauer

5/18 - 6/24

CRN: 3875

Last add date: 5/21

Drop dates: refund, 5/25; last, 6/05

Description: The course in an introduction to modern electric and hybrid-electric vehicles. It covers basic aspects of batteries, electric motors, powertrain systems, and the vehicle-road system. Emphasis will be placed on energy and power flows in electric and hybrid-electric vehicle systems. Optimization of energy usage for given driving cycles will also be addressed in some detail. Some of the commercially available power management schemes will be introduced and potential alternatives will be explored.

EG 34440 01: Probability and Statistics - Alcoy

3 credits, Bauer

5/18 - 6/24

CRN: 3200

Last add date: 5/21

Drop dates: refund, 5/25; last, 6/05

Note: This course is equivalent to MATH 30440.

Description: An introduction to the theory of probability and statistics, with applications to the computer sciences and engineering. Topics include discrete and continuous random variables, joint probability distributions, the central limit theorem, point and interval estimation and hypothesis testing.

COLLEGE OF ENGINEERING, LONDON PROGRAM

Director:

John Brauer

On-Site Directors:

John Brauer, Robert Alworth

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

Course of Study. The six-week program (May 24-July 1) will consist of two three-credit courses. Students register in the University of Notre Dame summer session for AME 44590, Intellectual Property for Engineers, and EG44421, Integrated Engineering and Business Fundamentals. Both courses will take advantage of the locale and include topics related to British Professional practice.

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

Housing and Meals. Students will be housed in flats at Minerva Court, 60-62 Farringdon Road, London EC1R 3GB in the Clerkenwell of London's West End.

Each flat has bath and cooking facilities. Flats vary somewhat in size, typically housing three to six students each. Students are responsible for their own meals.

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

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

For further information and an application packet, write to:

John Brauer
Associate Director
Integrated Engineering and Business
Curriculum
College of Engineering
University of Notre Dame
224 Cushing Hall
Notre Dame, IN 46556
Telephone (574) 631-2950

AME 44590 01: Intellectual Property for Engineers

3 credits, Goodwine
5/24 - 7/01

CRN: 3872

Last add date: 5/27

Drop dates: refund, 5/31; last, 6/12

Description: This course will cover areas of intellectual property law that are particularly relevant to the engineering profession. The primary focus of the course will be patent law, but it will also briefly cover the other areas of intellectual property law, which are copyright, trademark and trade secret law.

EG 44421 01: Integrated Engineering and Business Fundamentals - London

3 credits, Brauer, Alworth
5/24 - 7/01

CRN: 3454

Last add date: 5/27

Drop dates: refund, 5/31; last, 6/12

Description: Integrated Engineering and Business Fundamentals is designed to provide a sound understanding of the business processes that engineering graduates will be involved with either, directly or

indirectly, as they start their careers. The course addresses four major areas of business processes: Financial, Business Plans, Innovation (Project Management, Stage Gate Development processes), and Supply Chain.

OFFICE OF INTERNATIONAL STUDIES

Notre Dame will offer several undergraduate international programs during the 2011 Summer Session. The Office of International Studies, (OIS) will sponsor programs in China: Business and Culture in China Today (Taiwan, Beijing and Shanghai; Dublin, Ireland; London, England; Paris, France; Taipei, Republic of China (Taiwan); Toledo, Spain; and Uganda/Rwanda. The application deadline for these programs is February 4, 2011, with the exception of Uganda and Jerusalem. Please check the OIS website for more information on the application deadlines and program specific questions – nd.edu/~ois/Locations/Locations.html.

Students from all colleges are invited to apply to participate in international study programs. Students must complete the on-line application, available at nd.edu/~ois. The suggested minimum GPA is 2.75 to be eligible for the programs. Students will earn Notre Dame credit while participating in these programs and can also complete academic requirements. Grades earned in summer programs will be calculated into Notre Dame GPA. The cost varies by program. For further information regarding any of the programs, please see the OIS website at nd.edu/~ois/Locations/Locations.html, or contact the Office of International Studies at 574-631-5882.

China: Business and Culture in China Today (Taiwan, Beijing, and Shanghai)

May 19 - June 29, 2011

This program is designed to provide students with the opportunity to explore, experience, and examine business and culture in China today. The courses will be taught in Taiwan, Beijing, and Shanghai. The program will include lectures, presentations by guest professors and business leaders, as well as visits to both international and Chinese companies and sites of historic and cultural significance.

Students will take two 3-credit courses during the six-week program, May 19 - June 29, 2011. Business in China Today (3 credits) will be taught by Professor Georges Enderle; Culture in China Today (3 credits) will be taught by Dr. Jonathan Noble. Both courses will be taught in English; there is no language requirement for this program.

The cost of the program will be approximately \$6900. This fee includes tuition; round-trip international airfare from the gateway city; airfare from Taiwan to China and travel within China to sites; accommodations and some meals; all program-sponsored excursions, including corporate visits and visits to cultural sites; and travel health insurance during the program.

Dublin, Ireland

May 30 – July 8, 2011

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

During the 6-week summer program (May 30 – July 8, 2011) students will enroll in two complementary classes, each counting for three ND credits. Kevin Whelan, Director, Notre Dame's Dublin Centre, will teach The History of Ireland, 1798-2010. This course will explore the broad political, cultural, economic and social history of the island of Ireland from the eighteenth to the twenty-first century. It will also explore Irish Literature. Robert Schmuhl, Professor of American Studies at Notre Dame, will teach the course The Irish-American Experience, an interdisciplinary examination of the history, literature, politics, and culture that contributes to the creation of the American Irish.

The cost of the program is approximately \$4,500. This fee includes tuition, housing, health insurance, local transportation, field trips, cultural activities, and partial meal plan. Participants will make their own flight arrangements and be responsible for most

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of their own lunches and a few dinners. Students will be housed in new state of the art student housing at University College Dublin.

London, England

May 18 – June 30, 2011

The Notre Dame academic building is located on Suffolk Street next to the National Gallery just off Trafalgar Square and the residence facilities are located in self-contained flats in two modern adjoining buildings, Kamen House and Minerva Classes in this program, which in 2011 will accommodate approximately 70 to 75 participants, are taught by many of the same British faculty that participate in the regular academic year program. Students will enroll in two 3-credit courses during the six-week program, May 18 – June 30, 2011. Courses will be selected from a number of different disciplines and fulfilling various major and/or University requirements including:

- ANTH 34230 /SCPP 34313: Global Medicine
- ENGL 44420/ GSC 44255 London Writers (Fulfills LIT Requirement)
- FTT 34005: Historic Fashion: The Greeks to the Victorians (Fulfills Fine Arts Requirement)
- FTT 34207: Shakespeare in London (Fulfills Fine Arts Requirement)
- FTT 34301: The Telly in Transition: British Television Today (Fulfills Fine Arts Requirement - Pending)
- HIST 34414: The British Empire, 1760-1965: An Exercise in Globalization? (Fulfills History Requirement)
- PHIL 24408 Phil of Law (Fulfills Philosophy Requirement)
- POLS 34530: Politics in a Global World: Comparing and Contrasting Political Leadership in the Britain and the USA

The 2011 fee will be approximately \$6,700. The program fee covers transportation costs – international air travel from our gateway city, New York City and group transfer from Heathrow Airport to residence facilities and return. The program also covers all residence costs and health insurance. Students will receive a weekly stipend to defray cost of meals. Additionally, the

program provides admission fees that are part of courses. Participants are responsible for the costs associated with weekend activities that may be organized by the residential staff, performance admission costs that are not part of courses, and personal spending.

Paris, France

May 23 – June 30, 2011

The Program focus will be on the history of Paris as presented in two three-credit courses: The History of Paris, taught by Prof. Thomas Kselman, Notre Dame History Department (satisfies the university HIST requirement) and an art history course, History of Paris in Architecture and Art (satisfies the university fine arts requirement), taught by a French professor. Both courses will be taught in English; there is no language requirement for this program.

Students will live in dorm-style accommodations with other program participants on the Left Bank in the heart of Paris. Students will share double, single, or triple rooms. Breakfast and dinner are provided daily. Students will receive a transportation pass to get around Paris for the duration of the program.

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

Taipei, Republic of China (Taiwan)

June 1 - July 26, 2011

Students will enroll in two intensive Chinese language courses (at the second-year, third-year, fourth-year, or advanced level) to earn 6 credits and a culture class for 2 credits. The program will run from June 1 to July 26, 2011, for a total of eight weeks in the summer. The Chinese language courses meet for a total of four hours each day, five days per week. Students will receive a total of 160 hours of Chinese language instruction. Class size is small, ranging from 2 – 12 students per class. The small class size enhances individualized attention to students' learning needs. Classmates may include other Notre Dame students and Language Center students, who are primarily from Europe and Southwest Asia.

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

Students selected to participate in the program will pay their own airfare, meals, books, local transportation, visa fees, and other miscellaneous expenses. The program fee will be approximately \$800. Tuition, housing and health insurance will be covered by Notre Dame. Students will receive 8 credit hours.

Toledo, Spain

June 15 – July 27, 2011

Summer participants will enroll in 2 courses, each worth 3 credits. All students must have completed four semesters of Spanish or the equivalent. All students will enroll in "Discovering the Hispanic World through the Baroque" (ROSP 44242) taught by Professor Juan M. Vitulli, Department of Romance Languages and Literatures. This course will satisfy both Peninsular and Latin-American Early Modern requirements toward the Spanish major.

Students will select a second course from a variety of disciplines, many of which have been approved to fulfill major and/or University requirements. The course options typically include Spanish grammar, Spanish and/or Latin American Literature or History, Art History, Anthropology, and Political Science. A 3-credit internship is possible and may count as the second course. (The Summer Toledo dates are June 15 – July 27, 2011.)

The Notre Dame Spain Summer program is located in Toledo at the Jose Ortega y Gasset Foundation, which was founded by a private academic research institute from Madrid. Students live and take classes in a renovated 16th century convent, the San Juan de la Penitencia Residence, a beautiful example of Renaissance and Mudejar architecture with its peaceful inner courtyard and arched balconies.

The Summer 2011 Toledo tuition and fees will be 4,840 Euros (about \$6,403 to be paid in dollars) based on the exchange rate at the time of the invoice. Additionally all students

will pay a \$200 Notre Dame administrative fee. Costs include 6 Notre Dame credits, full room and board, and site visits in Toledo (cena rompehielos with Spanish students, flamenco dancing classes, Spanish cooking lessons, voluntary work in the community, conversational exchanges, etc). Airfare between the United States and Spain is not included.

Uganda/Rwanda

Mid June to late July

The School for International Training (SIT) conducts the Peace and Conflict Studies summer seminar from mid June to late July. This program examines the historical, political, and social dimensions of the conflicts of the Lake Victoria Basin.

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

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

Students reside with host families during one week of their stay in Kampala and for two weeks in Kigali. Additional housing is provided at hotels or guest houses. Most meals are included in the program fee. While in homestays, students will have breakfast and dinner with their host families. Students are responsible for their travel. SIT arranges to meet them at the airport. During the homestay period, students use taxis to get to and from the university for which they receive a stipend. Although the program is administered by SIT, students will be billed by the University's Office of Student Accounts. The program fee will be approximately \$8500. This fee includes tuition, room and board, most transportation while abroad, including an administrative fee. Specific program information is available at http://www.sit.edu/studyabroad/overview_ugp.cfm.

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

Director:

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

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

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

IRST 30440 01: The Northern Ireland "Troubles," 1920 to the present

3 credits, Smyth
6/20 - 8/05 MWF 10:30 AM-12:20 PM
CRN: 3623

Last add date: 6/25

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

Description: This course explores the history of the six north-eastern counties of Ireland which became "Northern Ireland" in 1920/1. Northern Ireland remained part of the United Kingdom and had a built-in Protestant unionist majority, while the Catholic minority, alienated from the state from the outset, looked across the new border and to Dublin, capital of the Irish Free State, as the site of their allegiance. Northern Ireland was thus, from the beginning, dysfunctional, scarred by sectarian violence and systematic discrimination in housing and employment. After examining the origins of the state and the early decades of its existence, the class will turn to its main concern, "the troubles," which broke out in the late 1960s. The major episodes under scrutiny include the civil rights movement, Bloody Sunday,

the hunger strikes, and the Good Friday Peace Agreement.

IRST 35550 01: Historical Archaeology of Irish America

3 credits, Rotman
6/22 - 8/05 MTWRF 8:30 AM-5:00 PM
CRN: 3786

Last add date: 6/26

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

Note: \$399 lab/transportation fee.

Description: Four weeks of practical instruction in the methods and theory of archaeological survey, excavation and laboratory analysis. Students learn field techniques and apply them to investigations of both prehistoric and historic archaeological materials by working with artifacts collected during the field course. There are no prerequisites for this course, but prior exposure to an introductory course in anthropology or archaeology is helpful. In addition to tuition, this course requires payment of a laboratory/transportation fee. Includes a week-long cultural study in Ireland. For application please email Dr. Rotman at: drotman@nd.edu

THE IRISH SEMINAR, DUBLIN: IRISH AND ITS REVIVAL AFTERMATH

Dates: 06/20/2011 - 07/08/2011

IRST 64099 01: Irish Seminar: Irish Modernisms

3 credits, O'Conchubhair, Clowry
6/20 - 7/08 TWRF 10:00 AM-6:00 PM
CRN: 2815

Last add date: 6/21

Drop dates: refund, 6/23; last, 6/29

Note: Cross-listed as ENGL 94513, CRN 2816

Description: Modernism, marked by a self-conscious breaking with tradition and a formal and conceptual inventiveness, is often understood as a vigorous reaction against established religious, social and political views. Rejecting the notion that virtuous acts achieve social good and informed by a relativistic aesthetic, Modernists turned inward to examine the sub-conscious, advocating individuality and celebrating inner strength. Informed on one hand by the horrors of the Great War (1914-19) and governed on the

other by a belief that our world is created in the very act of perceiving it, no absolute truth existed to provide guidance or solace. The crisis of representation, the rise of cosmopolitan and urban cultural dislocation, the vexed issues of the (sub)conscious, memory, sexuality, gender all of which found expression in European modernism in the late nineteenth and early twentieth century exerted, and still exert, a profound influence on contemporary Western/Anglo-American culture, literature, cinematic and visual art.

The contribution of Ireland's English-language authors to Modernism is unparalleled: Samuel Beckett, Elizabeth Bowen, James Joyce, Flann O'Brien and W.B. Yeats. Recent criticism has successfully engaged with issues of national, regional and local origin to construct a "Modernism of the Periphery." Yet Modernism, no less than Ireland, cannot be reduced to a caricature or stereotype. The 2011 Irish Seminar convenes a stellar cast of international academics to examine the various forms of Irish Modernism, their interrelationships with Western and global Modernism. A three-week series of presentations, lectures and workshops probe the paradoxical and opposed trends of revolution and reaction (1916 Rising, War of Independence, and the Civil War), the struggles of nascent States and new political parties in their clashes with established forces and old vested interest, the disappearance of traditional elites and emergence of new parties in the Irish Free State

For additional information, contact:

The Irish Seminar 2011
Eimear Clowry
Keough-Naughton Notre Dame Centre
O'Connell House
58 Merrion Square South
Dublin 2
Ireland
eclowry@nd.edu
T: 00 353 1 611 0611
F: 00 353 1 611 0606

LAW SCHOOL - LONDON LAW PROGRAM

Director:

Prof. Geoffrey Bennett
Program dates:
June 27–August 3

CORRESPONDENCE

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

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

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

ON THE WEB

law.nd.edu/london/summer

BACKGROUND

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

The Notre Dame program is the oldest American summer law program conducted in London. In recent years, slightly more than a third of enrolled students were from Notre Dame Law School; a number were from Australia; the remainder were from some 20 different law schools in the United States. Based on past experience, it is expected that a similar number of students from an equally diverse group of schools, from both the United States and Australia, will participate in the 2011 program. The curriculum emphasizes courses in the comparative and international law fields taught largely by British faculty. Students have found that the

opportunity to study law in such a program not only facilitates their obtaining a law degree but enables them to learn about and enjoy the rich legal and cultural heritage of Britain.

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

FACILITIES

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

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

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

ACADEMIC INFORMATION

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

It is expected that 8 courses providing a total of 16 hours of academic credit will be offered in the summer of 2011. 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 27, and end on Friday, July 29. Examinations are scheduled between Aug. 1 and Aug. 3. All courses comply with the standards of the American Bar Association and the Association of American Law Schools.

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

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

QUALIFICATION FOR ADMISSION

Any student in good standing at a law school who will have completed one year of academic work prior to June 1, 2011, is eligible for the program. A completed registration form will be construed as a certification that the applicant meets the requirements and will advise the program director of any change in academic status. To be officially enrolled in the Notre Dame Summer London Law Program, each student is required to submit to the Admissions Office a letter of good standing from the student's law school.

Applications must be received no later than April 15, 2011. 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 2011 Summer London Program. This budget represents the expected costs for tuition, living expenses, and transportation. This budget also represents the maximum amount of loan assistance available for the Summer London Program.

Tuition	\$3,100
Fees (registration, activities in London)	\$100
Transportation (Roundtrip airfare: Chicago to London)	\$1000
Transportation: U.K.	\$450
Room (includes breakfast)	\$2,585
Meals	\$1,660
Books and Supplies	\$300
Entertainment and Personal	\$950
TOTAL	\$10,145

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

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

PAYMENT SCHEDULE

Registration fee (\$50) with application due by April 15, 2011.

Tuition (\$3,100) due by 5/13/11.

Participants in the program who are relying on loan assistance to meet the costs will be exempted from the tuition payment deadline if evidence of a loan commitment is provided by the deadline dates.

ADMINISTRATION AND FACULTY

Prof. Geoffrey Bennett, Notre Dame Law School, is the director of the Summer London Law Program.

Other faculty members are expected to be as follows:

Prof. David Gregory
Kingston University Law School, South London

Prof. Susan Hawker
Guildhall University, London

Prof. Matthew Humphreys
Kingston University, South London

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

Prof. Katherine Reece-Thomas
City University, London

Prof. Vincent Rougeau
University of Notre Dame

Prof. Stephen Smith
University of Notre Dame

Prof. Emmanuel Voyiakis
School of Social Sciences and Law at Brunel University

HOUSING

A number of single rooms are reserved for Summer London participants in College Hall, a dormitory normally used by students of the University of London. College Hall is centrally situated in Bloomsbury, close to the British Museum, and a short walk from Russell Square underground station. From there the Piccadilly underground line goes directly to Leicester Square station, a few minutes walk from the Suffolk Street facility.

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

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Breakfast is included in the price of a room; an evening meal is available at an additional cost of approximately \$8 per person.

Because the number of rooms in College Hall is limited, and because we will assign rooms on a first-come first-served basis, we encourage you to submit payment as soon as possible after you receive your billing statement. A room in College Hall will be assigned to you only after full payment of \$2,585 has been received by the University Office of Student Accounts. Regrettably, no exceptions can be made to the policy requiring full payment. All housing payments are non-refundable unless it is possible to reassign the room or obtain a release from the University's contractual obligation to pay for the room. If the program were to be cancelled before its commencement, housing payments would be refunded. If it was cancelled after commencement, for reasons beyond the control of the University, a refund would be made on a pro rata basis.

Summer London participants residing in College Hall may check in on Saturday, June 25. Students must vacate their rooms by noon on Thursday, Aug. 4.

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.

DIRECTOR

Prof. Geoffrey Bennett
Notre Dame London Law Centre
1 Suffolk Street
London SW1Y 4HG
ENGLAND
+44-207-484-7822
+44-207-484-7854 (FAX)
Email: Bennett.24@nd.edu

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 74401 01: Public International Law

2 credits, Reece-Thomas
6/27 - 8/03 MTWR 11:30 AM-12:40 PM
CRN: 2838
Last add date: 6/25

Drop dates: refund, 6/29; last, 7/14
Description: This course examines the vital role of law in contemporary international society; the nature and sources of international law; the relationship between international law and municipal law; international personality; states and non-state actors; dispute settlement; the use of force and

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

LAW 74438 01: Terrorism, Immigration and Multiculturalism

2 credits, Rougeau
6/27 - 8/03 TWRF 10:15 AM-11:25 AM
CRN: 3943

Last add date: 6/25

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

Description: In the wake of the September 11, 2001 terrorist attacks on the U.S., the July 7, 2005 attacks in London, and the rioting by ethnic minority youths in France in October and November, 2005, pressing questions about security, freedom, and the integration of diverse populations have confronted all the wealthy democracies of the West. Aurora Wanlin, of the Centre for European Reform has noted that problems of discrimination, racial and religious prejudice, and xenophobia induced by a fear of terrorism and globalization are entrenched in most European societies. Around the world, there is a sense of urgency to the search for solutions to problems related to the integration of minorities and migrants. In this seminar, we will read a wide variety of materials related to these questions and consider various legal and public policy approaches that are being employed to address them in the United States, Canada, and the nations of the European Union.

LAW 74451 01: English Legal System

2 credits, Gregory
6/27 - 8/03 TWRF 10:15 AM-11:25 AM
CRN: 2834

Last add date: 6/25

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

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

LAW 74453 01: Carriage of Goods by Sea

2 credits, Hawker

6/27 - 8/03 MTWR 2:00 PM-3:10 PM

CRN: 2833

Last add date: 6/25

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

Description: This course looks at the carriage of goods in international trade. We live in a world in which the transportation of goods is a fundamental part of both international and domestic business, and litigation in respect of these carriage disputes is inevitable. The course is based on English Law, with comparisons made with practice under other jurisdictions where appropriate. English law is frequently chosen to govern shipping contracts, the common law nature of English law allowing for judicial “creativity.” We see, therefore, the development of this area of contract law, which aims to meet the needs of those involved with the international shipment of goods. The course predominately covers 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 74459 01: European Union Law

2 credits, Moens

6/27 - 8/03 MTWR 12:45 PM-1:55 PM

CRN: 2835

Last add date: 6/25

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

Description: This course introduces students to the legal system of the European Union (EU). Emphasis will be placed on the constitutional, administrative and commercial law of the EU. The topics that will be discussed in this course include the political and economic origins of the EU, its institutional structures (with emphasis on the European Court of Justice), the Union (Maastricht) Treaty, the interrelationship between EU law and the laws of the twenty-seven member states, and the four fundamental freedoms: free movement of goods, workers, services and capital. The course will concentrate on the transnational protection of economic and social rights and the jurisprudence of the European Court of Justice.

LAW 74465 01: International Business Law

2 credits, Moens

6/27 - 8/03 MTWR 2:00 PM-3:10 PM

CRN: 2836

Last add date: 6/25

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

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

LAW 74467 01: International Human Rights Law

2 credits, Voyiakis

6/27 - 8/03 TWR 9:00 AM-10:10 AM

CRN: 2837

Last add date: 6/25

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

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

ALLIANCE FOR CATHOLIC EDUCATION

Director:

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

MASTER OF EDUCATION PROGRAM

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

MASTER OF EDUCATION PROGRAM

EDU 60020 01: Introduction to Teaching
0 credit, Collier, Cummings, Doyle
5/30 - 6/03 MTWRF 10:15 AM-11:45 AM
CRN: 1127

Last add date: 5/30

Drop dates: refund, 5/30; last, 6/01

Description: An introduction to the meaning and practice of contemporary teaching, including classroom organization and management, and to historical highlights in public and Catholic education.

EDU 60022 01: Introduction to Teaching - Elementary

1 credit, Mayotte, Doyle
5/30 - 6/03 MTWRF 1:30 PM-4:00 PM
CRN: 1207

Last add date: 5/30

Drop dates: refund, 5/30; last, 6/01

Description: An introduction for elementary school teachers to the meaning and practice of contemporary teaching, including classroom organization and management, and to historical highlights in public and Catholic education.

EDU 60024 01: Introduction to Teaching - Middle School

1 credit, Borek, Doyle
5/30 - 6/03 MTWRF 1:30 PM-4:00 PM
CRN: 1208

Last add date: 5/30

Drop dates: refund, 5/30; last, 6/01

Description: An introduction for middle school teachers to the meaning and practice of contemporary teaching, including classroom organization and management, and to historical highlights in public and Catholic education.

EDU 60026 01: Introduction to Teaching - High School

1 credit, Moreno, Doyle
5/30 - 6/03 MTWRF 1:30 PM-4:00 PM
CRN: 1209

Last add date: 5/30

Drop dates: refund, 5/30; last, 6/01

Description: An introduction for high school teachers to the meaning and practice of contemporary teaching, including classroom organization and management, and to historical highlights in public and Catholic education.

EDU 60040 01: Introduction to Computers in Education

1 credit, Large, Doyle
5/30 - 6/02 MTWR 6:00 PM-7:55 PM
6/06 - 6/10 MTWRF 8:00 AM-9:55 AM
CRN: 1162

Last add date: 5/30

Drop dates: refund, 5/31; last, 6/04

Description: An introduction to instructional computing via hands-on experience with productivity/instructional software. Introduction to social, moral and technological issues of educational computing through literature, lecture, and discussions.

EDU 60040 02: Introduction to Computers in Education

1 credit, Demmon, Doyle
5/30 - 6/02 MTWR 6:00 PM-7:55 PM
6/06 - 6/10 MTWRF 8:00 AM-9:55 AM
CRN: 1161

Last add date: 5/30

Drop dates: refund, 5/31; last, 6/04

Description: An introduction to instructional computing via hands-on experience with productivity/instructional software. Introduction to social, moral and technological issues of educational computing through literature, lecture, and discussions.

EDU 60040 03: Introduction to Computers in Education

1 credit, Large, Doyle
5/30 - 6/02 MTWR 8:00 PM-9:55 PM
6/06 - 6/10 MTWRF 10:00 AM-11:55 AM
CRN: 1160

Last add date: 5/30

Drop dates: refund, 5/31; last, 6/04

Description: An introduction to instructional computing via hands-on experience with productivity/instructional software. Introduction to social, moral and technological issues of educational computing through literature, lecture, and discussions.

EDU 60040 04: Introduction to Computers in Education

1 credit, Demmon, Doyle
5/30 - 6/02 MTWR 8:00 PM-9:55 PM
6/06 - 6/10 MTWRF 10:00 AM-11:55 AM
CRN: 1159

Last add date: 5/30

Drop dates: refund, 5/31; last, 6/04

Description: An introduction to instructional computing via hands-on experience with productivity/instructional software. Introduction to social, moral and technological issues of educational computing through literature, lecture, and discussions.

EDU 60060 01: Teaching in Catholic Schools

1 credit, DelFra, Doyle
6/06 - 6/27 M 3:10 PM-5:15 PM
7/11 - 7/18 M 3:10 PM-5:15 PM
CRN: 2648

Last add date: 6/09

Drop dates: refund, 6/14; last, 6/27

Description: An overview of six core topics of Catholic teaching along with a discussion of their influence and impact on Catholic school culture and teaching

EDU 60070 01: Teaching Religion in Catholic Schools

1 credit, Griffin, Doyle
6/06 - 6/27 M 3:10 PM-5:15 PM
7/11 - 7/18 M 3:10 PM-5:15 PM

CRN: 2649

Last add date: 6/09
 Drop dates: refund, 6/14; last, 6/27
 Description: An overview of six core topics of Catholic teaching along with initial planning with grade level master teachers to teach these topics in Catholic schools.

EDU 60102 01: Effective Elementary Classroom Teaching

2 credits, Husby, Erickson, Doyle
 6/07 - 6/30 TWR 1:10 PM-3:00 PM
 7/12 - 7/13 TW 1:10 PM-3:00 PM
 7/18 - 7/20 MTW 1:10 PM-3:00PM
CRN: 2774

Last add date: 6/10
 Drop dates: refund, 6/15; last, 6/28
 Description: The development of knowledge, skills, and dispositions essential for elementary teachers: lesson and unit planning, yearly planning, cross-curricular planning, and effective teaching strategies in the K-6 classroom. Topics will also include grouping for instruction and differentiated instruction, motivation, effective use of learning centers, use of texts, student learning standards, and multiple resources.

EDU 60122 01: Elementary Language Arts Assessment

1 credit, Maletta, Doyle
 6/06 - 6/27 M 1:10 PM-3:00 PM
 7/11 - 7/18 M 1:10 PM-3:00 PM
CRN: 2780

Last add date: 6/09
 Drop dates: refund, 6/14; last, 6/27
 Description: Readings on the theories for and practice in the strategies to construct traditional and performance assessments in the elementary language arts classroom. The ability to analyze the results in terms of stated unit goals, to reflect on the effectiveness of the unit planning, and to adjust future units to reteach core knowledge and skills will be emphasized.

EDU 60132 01: Mathematics in Elementary Education

2 credits, Hart, Doyle
 7/05 - 7/19 T 3:10 PM-5:40 PM
 7/06 - 7/20 WR 3:10 PM-5:40 PM
 7/08 - 7/15 F 1:10 PM-3:40 PM
CRN: 2650

Last add date: 7/06
 Drop dates: refund, 7/07; last, 7/12
 Description: The effective use of teaching materials and strategies in the elementary classroom (K-6) for the teaching of mathematics. Readings will be selected

from the National Council of Teachers of Mathematics.

EDU 60142 01: Language Arts in Elementary Education

2 credits, Burish, Doyle
 6/27 - 6/30 MTWR 3:10 PM-5:30 PM
 7/05 - 7/07 TWR 3:10 PM-5:30 PM
 7/14 - 7/14 R 3:10 PM-5:30 PM
 7/15 - 7/15 F 1:10 PM-3:30 PM
 7/19 - 7/20 TW 3:10 PM-5:30 PM
CRN: 2795

Last add date: 6/28
 Drop dates: refund, 7/01; last, 7/08
 Description: An integrated approach to literacy instruction designed to help children make sense of the world through literacy expression. The unit template for planning is used to provide structure and process for inclusion of all language arts elements including grammar, spelling, writing, phonics, literature, and speaking and listening skills. An introduction to children's literature, methods for determining quality literature, and the use of reference materials for selecting literature for specific purposes is included.

EDU 60162 01: Content Methods for Elementary Education

2 credits, Beesley, Doyle
 6/06 - 6/23 MTWR 3:10 PM-5:00 PM
 6/17 - 6/17 F 3:10 PM-4:40 PM
 6/24 - 6/24 F 1:10 PM-2:40 PM
CRN: 2651

Last add date: 6/07
 Drop dates: refund, 6/09; last, 6/15
 Description: A program of reading that will enable participants to develop effective units of study that integrate reading, writing, mathematics, social studies and science. Readings will be selected from the publications of the major professional associations in elementary curriculum.

EDU 60182 01: Teaching of Reading

3 credits, Maletta, Doyle
 6/07 - 6/30 TWR 3:10 PM-5:15 PM
 6/10 - 6/24 F 1:10 PM-3:15 PM
 7/05 - 7/07 TWR 12:55 PM-3:00 PM
CRN: 2798

Last add date: 6/09
 Drop dates: refund, 6/12; last, 6/22
 Description: An exploration of the research and instructional strategies of reading instruction including emergent literacy, reading readiness, phonemic awareness, phonics, word recognition, vocabulary development, fluency, cultural literacy, and reading comprehension, as well as particular strategies

for reading remediation.

EDU 60204 01: Introduction to Middle School Teaching

3 credits, Mayotte, Doyle
 6/07 - 6/30 TWRF 1:10 PM-3:00 PM
 7/05 - 7/20 TWRF 1:10 PM-3:00 PM
 7/18 M 1:10 PM-3:00 PM
CRN: 2548

Last add date: 6/10
 Drop dates: refund, 6/15; last, 6/28
 Description: An introduction to the culture and dynamics of the middle school classroom. Central to the course is instructional planning that emphasizes unit planning based on goals derived from state standards and assessments which measure student progress in meeting these goals. Lesson planning based on unit goals focuses on an integrative survey of strategies and methods that lead to effective daily instruction.

EDU 60256 01: Introduction to High School Teaching

3 credits, Doyle
 6/07 - 6/30 TWRF 1:10 PM-3:00 PM
 7/05 - 7/20 TWRF 1:10 PM-3:00 PM
 7/18 M 1:10 PM-3:00 PM
CRN: 2551

Last add date: 6/10
 Drop dates: refund, 6/15; last, 6/28
 Description: An introduction to the culture and dynamics of the high school classroom. Central to the course is instructional planning that emphasizes unit planning based on goals derived from state standards and assessments that measure student progress in meeting these goals. Lesson planning based on unit goals focuses on an integrative survey of strategies and methods that lead to effective daily instruction.

EDU 60312 01: Exceptionality in Childhood

3 credits, Husby, Doyle
 6/06 - 6/30 MTWR 8:00 AM-10:00 AM
 7/05 - 7/07 TWR 8:00 AM-10:00 AM
CRN: 2350

Last add date: 6/08
 Drop dates: refund, 6/11; last, 6/21
 Description: A survey in exceptionality with emphasis on the elementary-aged child is followed by in-depth study of the common learning problems in the elementary grades, especially reading, writing and mathematics disability. Both teaching strategies and assessment are considered.

EDU 60324 01: Exceptionality in Early Adolescence

3 credits, Erickson, Doyle
 6/06 - 6/30 MTWR 8:00 AM-10:00 AM
 7/05 - 7/07 TWR 8:00 AM-10:00 AM
CRN: 2351

Last add date: 6/08
 Drop dates: refund, 6/11; last, 6/21
 Description: A survey in exceptionality with emphasis on the middle grades child is followed by in-depth study of the common learning problems in the middle school, especially reading, writing and mathematics disability. Both teaching strategies and assessment are considered

EDU 60336 01: Exceptionality in Adolescence

3 credits, Lorenzen, Doyle
 6/06 - 6/30 MTWR 8:00 AM-10:00 AM
 7/05 - 7/07 TWR 8:00 AM-10:00 AM
CRN: 2352

Last add date: 6/08
 Drop dates: refund, 6/11; last, 6/21
 Description: A survey in exceptionality with emphasis on the high school student is followed by in-depth study of the common learning problems in the high school, especially reading, writing and mathematics disability. Both teaching strategies and assessment are considered.

EDU 60452 01: Child Development and Moral Education

3 credits, Power, Doyle
 6/06 - 6/30 MTWRF 10:10 AM-11:55 AM
 7/05 - 7/08 TWRF 10:10 AM-11:55 AM
CRN: 2652

Last add date: 6/08
 Drop dates: refund, 6/12; last, 6/22
 Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on childhood.

EDU 60455 01: Development and Moral Education in Adolescence

3 credits, Brandenberger, Doyle
 6/06 - 6/30 MTWRF 10:10 AM-11:55 AM
 7/05 - 7/08 TWRF 10:10 AM-11:55 AM
CRN: 2803

Last add date: 6/08
 Drop dates: refund, 6/12; last, 6/22
 Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an

examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on early and late adolescence.

EDU 60455 02: Development and Moral Education in Adolescence

3 credits, Lapsley, Doyle
 6/06 - 6/30 MTWRF 10:10 AM-11:55 AM
 7/05 - 7/08 TWRF 10:10 AM-11:55 AM
CRN: 2673

Last add date: 6/08
 Drop dates: refund, 6/12; last, 6/22
 Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on early and late adolescence.

EDU 60455 03: Development and Moral Education in Adolescence

3 credits, McNeil, Doyle
 6/06 - 6/30 MTWRF 10:10 AM-11:55 AM
 7/05 - 7/08 TWRF 10:10 AM-11:55 AM
CRN: 3050

Last add date: 6/08
 Drop dates: refund, 6/12; last, 6/22
 Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on early and late adolescence.

EDU 60605 01: English/Language Arts Education I

2 credits, Borek, Doyle
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
CRN: 2752

Last add date: 6/10
 Drop dates: refund, 6/15; last, 6/28
 Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of English and current research and theory.

EDU 60605 02: English/Language Arts Education I

2 credits, Burke, Doyle
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
CRN: 2738

Last add date: 6/10
 Drop dates: refund, 6/15; last, 6/28

Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of English and current research and theory.

EDU 60625 01: Social Studies Education I

2 credits, Collier, Doyle
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
CRN: 2754

Last add date: 6/10
 Drop dates: refund, 6/15; last, 6/28
 Description: The development of class experiences, activities, and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Council for the Social Studies and current research and theory.

EDU 60645 01: Foreign Language Education I

2 credits, Crawford-Dixon, Doyle
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
CRN: 2756

Last add date: 6/10
 Drop dates: refund, 6/15; last, 6/28
 Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the American Council for the Study of Foreign Language and current research and theory.

EDU 60665 01: Mathematics Education I

2 credits, Kennedy, Doyle
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
CRN: 2758

Last add date: 6/10
 Drop dates: refund, 6/15; last, 6/28
 Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of Mathematics and current research and theory.

EDU 60685 01: Science Education I

2 credits, Kloser, Doyle
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
CRN: 2760

Last add date: 6/10
 Drop dates: refund, 6/15; last, 6/28
 Description: The development of class experiences, activities and content-specific methods

for middle and high school classes, based on readings selected from the publications of the National Science Teachers Association and current research and theory.

EDU 60705 01: English/Language Arts Education II

3 credits, Borek, Doyle
 6/06 - 6/27 M 3:10 PM-5:00 PM
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
 7/11 - 7/18 M 3:10 PM-5:00 PM
CRN: 2751
 Last add date: 6/10
 Drop dates: refund, 6/14; last, 6/28
 Description: A review of class experiences, activities and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of English and current research and theory.

EDU 60705 02: English/Language Arts Education II

3 credits, Burke, Doyle
 6/06 - 6/27 M 3:10 PM-5:00 PM
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
 7/11 - 7/18 M 3:10 PM-5:00 PM
CRN: 3053
 Last add date: 6/10
 Drop dates: refund, 6/14; last, 6/28
 Description: A review of class experiences, activities and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of English and current research and theory.

EDU 60725 01: Social Studies Education II

3 credits, Collier, Doyle
 6/06 - 6/27 M 3:10 PM-5:00 PM
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
 7/11 - 7/18 M 3:10 PM-5:00 PM
CRN: 2753
 Last add date: 6/10
 Drop dates: refund, 6/14; last, 6/28
 Description: A review of class experiences, activities and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council for the Social Studies and current research and theory.

EDU 60745 01: Foreign Language Education II

3 credits, Crawford-Dixon, Doyle
 6/06 - 6/27 M 3:10 PM-5:00 PM
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
 7/11 - 7/18 M 3:10 PM-5:00 PM
CRN: 2755
 Last add date: 6/10
 Drop dates: refund, 6/14; last, 6/28
 Description: A review of class experiences, activities and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council for the Study of Foreign Language and current research and theory.

EDU 60765 01: Mathematics Education II

3 credits, Kennedy, Doyle
 6/06 - 6/27 M 3:10 PM-5:00 PM
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
 7/11 - 7/18 M 3:10 PM-5:00 PM
CRN: 2757
 Last add date: 6/10
 Drop dates: refund, 6/14; last, 6/28
 Description: A review of class experiences, activities, and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of Mathematics and current research and theory.

EDU 60785 01: Science Education II

3 credits, Doyle, Kloser
 6/06 - 6/27 M 3:10 PM-5:00 PM
 6/07 - 6/30 TWR 3:10 PM-4:40 PM
 7/05 - 7/20 TWR 3:10 PM-4:40 PM
 7/11 - 7/18 M 3:10 PM-5:00 PM
CRN: 2759
 Last add date: 6/10
 Drop dates: refund, 6/14; last, 6/28
 Description: A review of class experiences, activities, and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Science Teachers Association and current research and theory.

EDU 60830 01: Folk Choir

1 credit, Warner, Schneider Kirner, Doyle
 6/05 - 7/17 U 7:00 PM-11:00 PM
CRN: 2722
 Last add date: 6/08

Drop dates: refund, 6/13; last, 6/26
 Description: Work with the Folk Choir, which continues to build the repertoire for Catholic school use.

EDU 60840 01: Teaching Art Across the Curriculum

1 credit, Welsh
 6/14 - 6/23 TWRF 1:20 PM-3:00 PM
CRN: 3776
 Last add date: 6/14
 Drop dates: refund, 6/15; last, 6/18
 Description: Introduction to art and art activities that enhance and can be effectively integrated into a broad range of curricular areas for all age levels.

EDU 60870 01: Religion Education I

1 credit, DelFra, Doyle
 6/14 - 6/17 TWRF 1:20 PM-3:00 PM
 6/21 - 6/23 TWR 1:20 PM-3:00 PM
CRN: 3357
 Last add date: 6/14
 Drop dates: refund, 6/15; last, 6/18
 Description: The development of class experiences, activities and content specific methods for elementary, middle and high school religion classes, based on local curricular standards and current research and theory.

EDU 60880 01: Coaching and Youth

1 credit, Howard
 6/14 - 6/23 TWRF 1:20 PM-3:00 PM
CRN: 3777
 Last add date: 6/14
 Drop dates: refund, 6/15; last, 6/18
 Description: Readings and discussion on the social scientific research on coaching strategies that promote the social development of youth through sport; applications of research findings are emphasized. Credit awarded during the spring semester, with registration required in a summer, fall, and subsequent semester.

EDU 63500 01: Integrative Seminar

1 credit, Staud, Doyle
 5/30 - 6/03 MTWRF 8:30 AM-10:00 AM
 6/07 - 7/05 T 7:15 PM-8:45 PM
 7/19 - 7/19 T 7:15 PM-8:45 PM
CRN: 2552
 Last add date: 6/03
 Drop dates: refund, 6/08; last, 6/24
 Description: An integration of the professional, communal, and spiritual dimensions of the ACE program. Participants engage in active listening as well as interactive and collaborative learning exercises to integrate these pillars of ACE in their professional service to Catholic schools.

EDU 65030 01: Education Practicum

0 credit, Anderson, Doyle
 6/06 - 6/27 M 1:45 PM-3:00 PM
 7/11 M 1:45 PM-3:00 PM
CRN: 2841
 Last add date: 6/09
 Drop dates: refund, 6/14; last, 6/27
 Description: An intense practicum in area schools during the summer. The experience will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65030 02: Education Practicum

0 credit, Benchik, Doyle
 6/06 - 6/27 M 1:45 PM-3:00 PM
 7/11 M 1:45 PM-3:00 PM
CRN: 2842
 Last add date: 6/09
 Drop dates: refund, 6/14; last, 6/27
 Description: An intense practicum in area schools during the summer. The experience will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65030 03: Education Practicum

0 credit, Dyczko, Doyle
 6/06 - 6/27 M 1:45 PM-3:00 PM
 7/11 M 1:45 PM-3:00 PM
CRN: 2843
 Last add date: 6/09
 Drop dates: refund, 6/14; last, 6/27
 Description: An intense practicum in area schools during the summer. The experience will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65030 04: Education Practicum

0 credit, Buczynski, Doyle
 6/06 - 6/27 M 1:45 PM-3:00 PM
 7/11 M 1:45 PM-3:00 PM
CRN: 2844
 Last add date: 6/10
 Drop dates: refund, 6/14; last, 6/28
 Description: An intense practicum in area schools during the summer. The experience will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65030 05: Education Practicum

0 credit, Strunk, Doyle
 6/06 - 6/27 M 1:45 PM-3:00 PM

7/11 M 1:45 PM-3:00 PM

CRN: 2845
 Last add date: 6/09
 Drop dates: refund, 6/14; last, 6/27
 Description: An intense practicum in area schools during the summer. The experience will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65032 01: Practicum - Elementary

2 credits, Waldron, Doyle
 6/06 - 6/27 M 1:45 PM-3:00 PM
 7/11 - 7/18 M 1:45 PM-3:00 PM
CRN: 1210
 Last add date: 6/09
 Drop dates: refund, 6/14; last, 6/27
 Description: An intense practicum in the South Bend area schools during the summer. The experience will include approximately five to six weeks of closely supervised teaching as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65034 01: Practicum - Middle School

2 credits, Waldron, Doyle
 6/06 - 6/27 M 1:45 PM-3:00 PM
 7/11 - 7/18 M 1:45 PM-3:00 PM
CRN: 1211
 Last add date: 6/09
 Drop dates: refund, 6/14; last, 6/27
 Description: An intense practicum in the South Bend area schools during the summer. The experience will include approximately five to six weeks of closely supervised teaching as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65036 01: Practicum - High School

2 credits, Waldron, Doyle
 6/06 - 6/27 M 1:45 PM-3:00 PM
 7/11 - 7/18 M 1:45 PM-3:00 PM
CRN: 1212
 Last add date: 6/09
 Drop dates: refund, 6/14; last, 6/27
 Description: An intense practicum in the South Bend area schools during the summer. The experience will include approximately five to six weeks of closely supervised teaching as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 67980 02: Special Topics in Education

Variable credits, Johnstone, Doyle
 6/03 - 7/22
CRN: 1003
 Last add date: 6/07
 Drop dates: refund, 6/12; last, 6/27
 Description: This course provides an opportunity for students to explore issues and experiences in education with the approval of the Academic Director.

MARY ANN REMICK LEADERSHIP PROGRAM

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

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

EDU 70603 01: Educational Administration

3 credits, Nuzzi
 6/20 - 7/15 MWF 8:30 AM-12:00 PM
CRN: 1158
 Last add date: 6/22
 Drop dates: refund, 6/24; last, 7/02
 Description: An introduction to foundational issues in school leadership for those new to educational administration. Topics include personnel, curriculum and instruction, supervision, power, effective schools research, change theory, collegiality, communication theory, and decision-making skills. Coursework includes selected readings, discussions, lectures, simulations, case studies, and problem-based learning techniques.

EDU 70604 01: Financial Management

3 credits, McDade, Nuzzi
 6/20 - 7/01 MTWRF 1:30 PM-5:30 PM
CRN: 2737

Last add date: 6/20
 Drop dates: refund, 6/21; last, 6/25
 Description: This course will benefit those in management in not-for-profit financial issues. Topics will include accountability and stewardship, the finance function in a mission-driven organization, fiscal operations and functions, external constituencies, reporting and compliance, operating budgets, program planning, strategic management, and internal financial reporting.

EDU 70605 01: Human Resource Management

3 credits, Herb, Nuzzi
 7/04 - 7/15 MTWRF 1:30 PM-5:30 PM
CRN: 2736

Last add date: 7/04
 Drop dates: refund, 7/05; last, 7/09
 Description: Proceeding from a discussion of various theories of managing people in organizations, this course enhances management skills and the understanding of how different strategies are most effectively employed in not-for-profit organizations. Management of both professional staff and volunteers is emphasized, as are the skills needed to work effectively with trustees and boards.

EDU 70627 01: Leadership in Schools I

1 credit, Nuzzi
 6/21 - 7/19 T 7:00 PM-9:30 PM
CRN: 2825

Last add date: 6/23
 Drop dates: refund, 6/26; last, 7/05
 Description: An overview of the distinctive qualities of Catholic school leadership that distinguishes it from other educational and administrative settings. While exploring the unique context of the Catholic school principal, this course builds upon official church documents, Catholic school research, Sacred Scripture, and American Catholic history to assist participants in forming a personal approach to leadership.

EDU 70656 01: Next Generation Technology for School Administrators

1 credit, Wills, Nuzzi
 6/28 - 7/14 TR 8:00 AM-10:30 AM
CRN: 3603

Last add date: 6/29
 Drop dates: refund, 6/30; last, 7/06
 Description: This course will enable school leaders & administrators to demonstrate knowledge of content, pedagogy, and leadership practices associated with integration of technology into the school

curriculum. Many aspects of the National Educational Technology Standards (NETS) will be addressed with emphasis on the identification, use, evaluation, and promotion of appropriate technologies to enhance and support instruction and standards-based curriculum leading to high levels of student achievement. Class sessions will also model the routine, intentional, and effective use of technology.

EDU 73607 01: Grant Writing and Development

1.5 credits, Johnstone, Nuzzi
 6/13 - 6/24 MWF 8:30 AM-11:30 AM
CRN: 3263

Last add date: 6/13
 Drop dates: refund, 6/14; last, 6/18
 Description: This course will emphasize professional development, public relations, grant-writing techniques, and the creation of development plans. Topics include aligning the not-for-profit organization's strengths with granting agencies' priorities, techniques for writing clear and fundable proposals, community networking, identification and cultivation of benefactors, planned giving, and the development and execution of major campaigns.

EDU 73608 01: Board Management

1.5 credits, Dygert, Nuzzi
 6/16 - 6/30 TR 8:00 AM-10:30 AM
 6/18 - 6/25 S 8:00 AM-11:30 AM
CRN: 3264

Last add date: 6/17
 Drop dates: refund, 6/18; last, 6/23
 Description: This course focuses on the development, composition, role, and responsibilities of school boards. Board function will be grounded in theology, especially ecclesiology, as the active and thoughtful participation of parents and other stakeholders is interpreted as a school-based response to the responsibilities of baptism. The partnership between the principal or president and the board in identifying and addressing management and development challenges is explored through case studies and class discussion. Canon law receives considerable attention regarding the limits of consultation, the role of the pastor and bishop, and the utility of various models of governance. Students will discuss problems in board management and formulate action plans to resolve those problems.

EDU 73609 01: Educational Law

3 credits, Nuzzi
 6/20 - 7/01 MTWRF 1:30 PM-5:30 PM
CRN: 2727

Last add date: 6/20
 Drop dates: refund, 6/21 ; last, 6/25
 Description: An overview of the various state, federal, and canonical legislation affecting Catholic schools with an emphasis on comparing and contrasting public and nonpublic school law. Participants will read and analyze legal cases, decisions rendered, and the legal reasoning behind decisions. Real and fictional cases will be discussed.

EDU 73627 01: Leadership in Schools III

1 credit, Schoen, Nuzzi
 6/15 - 6/15 W 8:30 AM-11:30 AM
 6/15 - 6/15 W 1:30 PM-5:30 PM
 6/16 - 6/16 R 8:30 AM-10:30 AM
 6/16 - 6/16 R 1:30 PM-5:30 PM
CRN: 2989

Last add date: 6/14
 Drop dates: refund, 6/14; last, 6/15
 Description: Ongoing spiritual development for individual teachers and the school community are the primary focus of this course. The liturgical seasons receive special emphasis, and course participants will develop strategies to help them persevere in their own spiritual growth plan and to actively contribute to the Catholic identity of the school and the spiritual growth of the faculty.

EDU 73633 01: Media Relations

1 credit, Donadio, Nuzzi
 7/19 - 7/19 T 8:30 AM-10:30 AM
 7/19 - 7/19 T 1:30 PM-5:30 PM
 7/20 - 7/20 W 8:30 AM-11:30 AM
 7/20 - 7/20 W 1:30 PM-5:30 PM
CRN: 3575

Last add date: 7/18
 Drop dates: refund, 7/18; last, 7/19
 Description: A skills-based practicum focusing on public relations, school marketing, crisis communications, and media management. Participants will be videotaped in simulations of television interviews, news stories, and commercials for schools.

EDU 73634 01: Facilities Management

1 credit, Nuzzi
 6/27 - 7/01 MWF 1:30 PM-5:30 PM
CRN: 3779

Last add date: 6/27
 Drop dates: refund, 6/27; last, 6/29
 Description: This course will consist of an overview of preventive maintenance for

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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 01: Foundations of Education

3 credits, Power, Nuzzi

6/13 - 6/24 MTWRF 1:30 PM-5:30 PM

CRN: 3260

Last add date: 6/13

Drop dates: refund, 6/14; last, 6/18

Description: Historical and philosophical foundations to education are explored, with an emphasis on moral and ethical development in youth. Lectures, simulations, cooperative learning exercises, and discussions will be used to highlight differences in current theoretical approaches while challenging students to construct a defensible philosophical posture for their own educational service.

EDU 73659 01: Exceptionalities

3 credits, McKenna, Nuzzi

7/04 - 7/15 MTWRF 1:30 PM-5:30 PM

CRN: 3074

Last add date: 7/04

Drop dates: refund, 7/05; last, 7/09

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

EDU 73666 01: Directed Readings in Educational Administration

Variable credits, Nuzzi, Frabutt, Holter

6/20 - 8/05

CRN: 3244

Last add date: 6/25

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

Description: A team of faculty members will direct specialized study and readings in a relevant emerging topic in educational administration and educational research

EDU 73777 01: Educational Research Methodology

3 credits, Frabutt, Holter, Nuzzi

6/20 - 7/15 MWF 8:30 AM-12:00 PM

6/21 - 7/14 T 9:00 AM-10:30 AM

CRN: 3032

Last add date: 6/22

Drop dates: refund, 6/24; last, 7/02

Description: An overview of generally

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

EDU 73888 01: Leadership in Schools IV

1 credit, Frabutt, Holter, Nuzzi

6/14 - 7/12 T 7:00 PM-9:30 PM

CRN: 3273

Last add date: 6/16

Drop dates: refund, 6/19; last, 6/28

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

ENGLISH AS A NEW LANGUAGE (ENL) PROGRAM

Director:

Joyce W. Johnstone, Ph.D.

Program Tel.:(574)631-7657

Website: ace.nd.edu/academic-programs/enl

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

EDU 70100 01: Linguistics and Language Acquisition

3 credits, Staff

7/08 - 7/15 MTWRF 8:00 AM-11:30 AM

7/18 - 7/21 MTWR 1:00 PM-4:30 PM

CRN: 2990

Last add date: 7/08

Drop dates: refund, 7/10; last, 7/14

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

EDU 70110 01: Teaching Second Language Learners

3 credits, Moreno

7/08 - 7/15 MTWRF 1:00 PM-4:30 PM

7/18 - 7/21 MTWR 8:00 AM - 11:30 AM

CRN: 2991

Last add date: 7/08

Drop dates: refund, 7/010; last, 7/14

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

EDU 70110 02: Teaching Second Language Learners

3 credits, Moreno

7/07 - 7/22 MTWRF 8:00 AM-11:30 AM

CRN: 3275

Last add date: 7/08

Drop dates: refund, 7/09; last, 7/14

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

EDU 75120 01: ELL Practicum I: Application of Instructional Methods

3 credits, Moreno

6/20 - 8/05

CRN: 3224

Last add date: 6/25

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

Description: Readings, research, and class conversation will focus on the variety of instructional methods and implementation related to establishing a supportive environment and implementing the appropriate activities that support optimal learning for English language learners.

TEACHING EXCEPTIONAL CHILDREN (TEC) PROGRAM

Director:

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

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

EDU 70200 01: Foundations in Exceptional Needs

2 credits, Smiley
6/21 - 7/04 MTWRF 1:00 PM-4:00 PM
CRN: 3594

Last add date: 6/21
Drop dates: refund, 6/23; last, 6/27
Description: Examines the historical and philosophical foundations of teaching children with mild disabilities, as well as the fundamentals for provision of special education service delivery including legal, familial and societal aspects. Programming options and ethical practices for mild interventions will be emphasized in the context of culturally responsive practice.

EDU 70201 01: Education for Social & Emotional Wellness

2 credits, Frabutt
6/21 - 6/30 TR 1:00 PM-5:00 PM
6/25 - 6/25 S 8:00 AM-12:00 PM
7/02 - 7/02 S 8:00 AM - 10:00 AM
CRN: 3596

Last add date: 6/21
Drop dates: refund, 6/22; last, 6/26
Description: Provides educators with conceptual background, integrated approaches, and concrete strategies for supporting students' socioemotional' wellness and mental health in Catholic schools. Situated at the confluence of education, psychology, and public

health, this course presents: a) an ecological approach to education and child development, b) concepts of developmental risk and resilience, c) comprehensive models of classroom, school, and community learning supports; d) positive youth development and strengths-based assessment; and e) classroom wellness assessment.

EDU 70202 01: Collaboration

2 credits, Borek, Panzica
6/21 - 7/04 MTWRF 8:00 AM-11:30 AM
CRN: 3597

Last add date: 6/21
Drop dates: refund, 6/23; last, 6/27
Description: Reviews methods of implementing service delivery systems available for mild intervention; consulting with professionals and parents, families, and agencies to support the education of the child; designing professional development; and developing referral systems including a pre-referral team, curricular and personnel resources, and evaluation techniques. Additional information regarding accessing public school services in light of IDEA and state law will be explored.

EDUCATION, SCHOOLING AND SOCIETY

Director:

Stuart Greene
Dept. Tel.: (574) 631-0985

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

ESS 36615 01: Directed Readings

Variable credits, Chattopadhyay, Greene
6/20 - 8/05
CRN: 3743

Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Note: Contact professor for approval to add the course.
Description: Student and Instructor will design readings relevant to a special interest in education.

ESS 47601 01: Special Studies: Research in Catholic Education

Variable credits, Nuzzi
6/20 - 8/05
CRN: 3212
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Note: Contact professor for approval to add course.

Description: Special Studies: Research in Catholic Education is designed to provide undergraduate students an opportunity to engage in systematic research of issues and trends in Catholic Education. Faculty members in the ACE leadership program will supervise individual research projects, facilitate presentations at conferences when possible and appropriate, and ensure that individual student research efforts are informed by and contribute to the growing field of Catholic education.

ESS 47601 02: Special Studies: Research in Catholic Education

Variable credits, Holter, Frabutt
6/20 - 8/05
CRN: 3395
Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Note: Contact professor for approval to add course.

Description: Special Studies: Research in Catholic Education is designed to provide undergraduate students an opportunity to engage in systematic research of issues and trends in Catholic Education. Faculty members in the ACE leadership program will supervise individual research projects, facilitate presentations at conferences when possible and appropriate, and ensure that individual student research efforts are informed by and contribute to the growing field of Catholic education.

GENDER STUDIES

Director:

Pamela Wojcik, Ph.D.

Program Coordinator:

Linnie Caye
Program Tel.: (574) 631-4266

Objectives. Gender studies is an interdisciplinary academic program that analyzes the significance of gender - and the cognate subjects of sex, sexuality, race, ethnicity, class, and nationality - in all areas of human

life. Gender studies illuminate how gender and its cognates 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.

KANEB CENTER FOR TEACHING AND LEARNING

Interim Director:

Kevin Barry
Dept. Tel.: (574) 631-9146

SUMMER COURSES FOR TEACHING ASSISTANTS

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

RESEARCH EXPERIENCE FOR TEACHERS PROGRAM

The University of Notre Dame provides learning and research opportunities for high school teachers of the region in STEM (science, technology, engineering, and mathematics) disciplines. High school teachers actively engaged in teaching in a STEM discipline with a desire to deepen their knowledge are invited to apply to the RET@ND (Research Experience for Teachers) Program at Notre Dame. The Kaneb Center

for Teaching and Learning is an organizational point of entry for this program. See nd.edu/~ndrets/.

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](#)

[Department of Chemical and Biomolecular Engineering](#)

[Department of Civil Engineering and Geological Sciences](#)

[Department of Computer Science and Electrical Engineering](#)

[Department of Electrical Engineering](#)

[Center for Environmental Science and Technology](#)

COLLEGE OF SCIENCE

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

[Department of Biological Sciences](#)

[Department of Chemistry](#)

[Department of Mathematics](#)

The Department of Mathematics offers a month-long, "hands on" workshop intended

to give teachers a working understanding of an interesting area of mathematics.

Department of Physics

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

Course Offerings

AME 87891 01: Visiting Teacher Special Studies

Variable credits, Morris

6/20 - 8/05

CRN: 2874

Last add date: 6/25

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

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

BIOS 87061 01: Research Experience for Teachers Biological Sciences Workshop

3 credits, Veselik

7/11 - 7/29

CRN: 3773

Last add date: 7/13

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

Description: Participating teachers will raise their level of understanding of relevant biology by engaging important topics in a "hands on" way in the workshop. They will be able to transform what they have learned into new curricular materials that will improve the abilities of their students and hopefully stimulate them to consider a career in science. The teaching assistant and mentors will introduce the topics, providing background and initial exercises as necessary, but the goal will be to shift the focus to the teachers who will pose and investigate questions according to their own interests and abilities. The mentors and assistant will serve as catalysts and advisors in the process. Teachers will engage

one or more topics of relevant, horizon expanding, biology.

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

Variable credits, Lieberman

6/20 - 8/05

CRN: 2875

Last add date: 6/25

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

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

EE 87061 01: Summer Research Education for Teachers

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

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

GED 60501 01: Teaching Engineering Tutorials and Laboratories

1 credit, Schmid

8/09 - 8/10 TW 9:00 AM-4:00 PM

CRN: 2549

Last add date: 8/08

Drop dates: refund, 8/08; last, 8/09

Description: This course is intended for teaching assistants in engineering disciplines. It will address aspects of professionalism, learning styles, classroom procedures, characteristics of the Notre Dame undergraduate, sensitivity to diversity, etc. A short presentation of a topic in your discipline is a course requirement.

GED 60601 01: Preparing for an Academic Career in Physics, Math and Engineering

1 credit, Kolda

5/24 - 5/27 TWRF 9:00 AM-12:00 PM

CRN: 1236

Last add date: 5/23

Drop dates: refund, 5/24; last, 5/25

Description: This course will cover major issues in the teaching of science, mathematics, and engineering on the college level, including: (1) how students learn science, mathematics, and engineering (SME); (2) what are the best teaching methods for SME; (3) how to structure a syllabus in SME; (4) how to get students involved in class; (5) testing and giving feedback to students in SME;

(6) issues of gender and diversity; (7) role of the laboratory; and (8) balancing of teaching and research.

GED 60610 01: Preparing for an Academic Career in the Humanities

1 credit, Wawrykow

5/30 - 6/03 MTRF 1:00 PM-4:00 PM

CRN: 2810

Last add date: 5/30

Drop dates: refund, 5/30; last, 6/01

Description: There are a number of issues relating to the culture of academic life that are typically left unaddressed in formal coursework and degree programs, but which are of concern for those who plan to spend their careers in academic life. The course introduces doctoral students, especially those in the humanities, to a number of these in an effort to promote professional development. The course is built around four major areas: academic positions and expectations, teaching and teaching skills, research, and service. We will explore a wide range of topics for each of these areas including the preparation of a C.V., an explanation of the tenure process, syllabus construction, the use of technology in teaching, setting up a research agenda, participation in professional societies, external grants, citizenship in the university and society, and principles for a successful career. The course emphasizes the practical requirements of the professorate. It is designed for those in the job market but is open to any who want to learn about the requirements of academia.

GED 60612 01: Effective and Exciting Teaching in Social Sciences and Humanities

2 credits, Myers

7/05 - 7/06 TW 9:00 AM-12:00 PM

7/07 - 7/08 RF 9:00 AM-1:00 PM

7/11 - 7/12 MT 9:00 AM-12:00 PM

7/13 - 7/14 WR 9:00 AM-1:00 PM

CRN: 2208

Last add date: 7/05

Drop dates: refund, 7/06; last, 7/09

Description: This course is designed for graduate students who want to be prepared for classroom teaching and increase their classroom effectiveness. The course introduces the logic of and mechanics for developing an effective repertoire of teaching techniques. Topics include:

1. how to give an engaging and effective lecture.
2. how to run dynamic discussions.

3. the advantages and dangers of using technology in class.
4. how to design exams and writing assignments, and how to grade them.
5. working with teaching assistants.
6. designing a class and syllabus
7. creating a teaching portfolio

GED 60640 01: Designing and Teaching Your First Biology or Chemistry Course

1 credit, Hyde

5/23 - 5/26 MTR 1:00 PM-5:00 PM

CRN: 1092

Last add date: 5/22

Drop dates: refund, 5/23; last, 5/24

Description: This course is for continuing graduate students who want to improve their effectiveness in teaching in the science classroom and laboratory. Topics covered will include:

- (1) mastering the basics of teaching (attitude, preparation, grading, university policies, etc.);
- (2) learning to deliver clear lectures and lead lab discussions;
- (3) fostering critical thinking and problem solving skills;
- (4) incorporating collaborative learning;
- (5) using technology well;
- (6) designing laboratory experiments;
- (7) running a laboratory section (prep work, lecturing, assisting students).

Students will be asked to actively participate in the course by reading and discussing teaching literature, designing and delivering short lectures, and writing a teaching philosophy. However, the instructor is willing to alter the material covered based on the interest of the students. One-on-one work with the instructor or another faculty mentor is also a possibility to fulfill the required hours for this course.

GED 60641 01: Questioning Strategies for Engaged Learning

1 credit, Bruneau

6/06 - 6/09 MTWR 9:00 AM-12:00 PM

CRN: 3204

Last add date: 6/05

Drop dates: refund, 6/06; last, 6/07

Description: This course invites graduate students of all disciplines to explore the many roles questions can take in the classroom and how we can provoke good questions and answers from our students by asking good questions ourselves. Participants will read and discuss research on such topics as wait time, "authentic" questions, and ways to

address different intelligences and levels of proficiency. The class participants will experience questioning techniques and then apply the ideas raised in the course to generate test, homework, and discussion questions for their own subject area classes.

MATH 68990 01: Research Education for Teachers - Dynamical Systems in MATLAB

3 credits, Broad

6/20 - 8/05

CRN: 2940

Last add date: 6/25

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

Description: Registration limited to high school teachers participating in the mathematics summer RET program at Notre Dame. Teachers are expected to adapt the more elementary parts of the workshop for use in some of the mathematics courses that they are teaching.

PHYS 68099 01: Directed Research

Variable credits

CRN varies with instructor

6/20 - 8/05

Last add date: 6/25

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

Description: Directed Research courses are for high school teachers participating in research in the physics department, for example as participants in the RET (Research Experience for Teachers), QuarkNet, or similar programs which partner high school teachers with physicists.

Research areas available include atomic physics, biophysics, condensed-matter physics, nuclear physics, particle physics, and astrophysics.

Participants will be introduced to research physics in informal lectures with faculty, with course notes and reference texts available.

Additionally, they will participate in directed research associated with current experiments being carried out by department faculty. Students maintain a research logbook and submit a written research summary at the conclusion of the research period.

PHYS 68299 01: Directed Research in Astrophysics

Variable credits, Mathews

6/20 - 8/05

CRN: 2227

Last add date: 6/25

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

Note: Individuals taking this course must have a minimum of a bachelor's degree in physics or other physical science, mathemat-

ics, or education; recommendation of Notre Dame's Research Experiences for Teachers (RET) program staff; and concurrence of research advisor.

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

PHYS 68399 01: Directed Research in Atomic Physics

Variable credits, Tanner

6/20 - 8/05

CRN: 2224

Last add date: 6/25

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

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

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

PHYS 68499 01: Directed Research in Biophysics

Variable credits, Toroczka

6/20 - 8/05

CRN: 2225

Last add date: 6/25

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

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

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

PHYS 68599 01: Directed Research in Condensed Matter Physics

Variable credits, Eskildsen

6/20 - 8/05

CRN: 2226

Last add date: 6/25

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

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

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

PHYS 68699 01: Directed Research in Particle Physics

Variable credits, Ruchti, Wayne

6/20 - 8/05

CRN: 2223

Last add date: 6/25

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

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

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

PHYS 68798 01: Directed Research in Nuclear Astrophysics

Variable credits, Wiescher

6/20 - 8/05

CRN: 1013

Last add date: 6/25

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

Note: Participants must have a minimum of bachelor's degree in physics or other physical sciences, mathematics, or education; recommendation of the Joint Institute for Nuclear

Astrophysics program staff; and concurrence of research advisor.

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

KROC INSTITUTE FOR INTERNATIONAL PEACE STUDIES

Director:

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

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

IIPS 30506 01: The Northern Ireland “Troubles,” 1920 to the present

3 credits, Smyth
6/20 - 8/05 MWF 10:30 AM-12:20 PM
CRN: 3619

Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: This course explores the history of the six north-eastern counties of Ireland which became “Northern Ireland” in 1920/1. Northern Ireland remained part of the United Kingdom and had a built-in Protestant unionist majority, while the Catholic minority, alienated from the state from the outset, looked across the new border and to Dublin, capital of the Irish Free State, as the site of their allegiance. Northern Ireland was thus, from the beginning, dysfunctional, scarred by sectarian violence and systematic discrimination in housing and employment. After examining the origins of the state and the early decades of its existence,

the class will turn to its main concern, “the troubles,” which broke out in the late 1960s. The major episodes under scrutiny include the civil rights movement, Bloody Sunday, the hunger strikes, and the Good Friday Peace Agreement.

IIPS 30731 01: We Hold These Truths: Catholics in 20th Century America

3 credits, Appleby
6/20 - 8/05 TR 1:15 PM-3:45 PM
CRN: 3626

Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: A survey of the Catholic presence in the United States during “the American century,” the focus of the class will be on the ways Catholics integrated their national and religious identities. Defining American culture broadly, we will discuss Catholic politicians and laborers, monks and nuns, pacifists and cold warriors. What was the relationship between Catholic spirituality, cultural criticism and social reform? What consequences did conflict over “sex” and gender have in the realm of church authority and lay practice? Why did Catholics stop going to confession in the mid-sixties? We will examine the challenges of being American and Catholic by exploring Catholic themes in American popular music, film, and fiction; Catholic social teaching on the economy and nuclear war; and the changes in Catholic religious practice and self-understanding inspired by the events of the 1960s, including the Second Vatican Council and the civil rights movement. Profiles of “everyday Catholics” drawn from primary historical sources will be complemented by brief excerpts from the writings of influential thinkers and activists such as John Ryan, Dorothy Day, John Courtney Murray, Thomas Merton, Richard Rodriguez, Cardinal Joseph Bernardin and Cathleen Kaveny. Two class sessions will be devoted to Notre Dame’s role in this story, including the vocation and career of Father Ted Hesburgh, while three class sessions will be devoted to contemporary challenges facing Catholics and the Church.

INSTITUTE FOR LATINO STUDIES

Assistant Provost and Director:

Gilberto Cardenas
Dept. Tel.: (574) 631-4440

The Institute for Latino Studies (ILS) was established in 1999 to advance teaching and research on the Latino population from both an interdisciplinary and comparative approach. Beginning the fall 2004, students may pursue a minor in Latino studies in conjunction with any undergraduate major. The institute offers courses cross-listed with departments in a wide range of areas. Following the path of Julian Samora (1920–96), esteemed Notre Dame professor of sociology from 1958 to 1985, the institute contributes to the teaching, research, and service mission of the University. The institute’s primary aim is to further the understanding of the history, culture, literature, and socio-political position of Latinos in the United States. In recognition of the strong Catholic foundation of the Latino community, and the rich Catholic heritage of Notre Dame, the ILS provides academic and service programs that promote a greater awareness of Latino religious life.

The institute’s facilities include the Galería América@ND for exhibitions and special programs focusing on Latino art, while the Julián Samora Library provides students, faculty, and visitors with a scholarly and visitor-friendly environment for study and reflection. The ILS also houses the headquarters of the Inter-University Program for Latino Research, a nationwide consortium of 16 university-based Latino research centers.

ILS 46711 01: Directed Readings: Latino Studies

Variable credits, Guzman
6/20 - 8/05
CRN: 3749

Last add date: 6/25
Drop dates: refund, 6/29 ; last, 7/14
Description: Independent faculty supervised readings.* credits 1-6

MENDOZA COLLEGE OF BUSINESS MASTER OF NONPROFIT ADMINISTRATION PROGRAM

Director:

Thomas J. Harvey, M.S.W.
Dept. Tel.: (574) 631-3639

In 1952–53, in an effort to meet the needs for trained administrators of religious communities, the College of Commerce at Notre Dame offered a series of three-day institutes on “Practical Business Problems of Religious Life.” The popularity of these sessions, and the call for more and broader topics, resulted in the idea for a graduate program. Following a self-review in 1999–2000, the M.N.A. has a new focus, structure, and curriculum. The M.N.A. is designed to provide professional training in administration and leadership for managers in nonprofit social services, arts, or religious organizations. The program is structured to develop leadership proficiencies in areas including marketing, human resource management, finance, development, accounting, law, communication, board management, and strategic planning.

The Mission Statement of the Mendoza College of Business

Our quest is to advance knowledge through distinguished scholarship and research balanced with inspirational teaching and spirited service. We avow ethical behavior as a hallmark pursuit and live our longstanding commitment to global concern. Enriched by Notre Dame’s heritage, timeless values and collegial climate, we aspire to worldwide leadership within the academic and business communities.

The Mission Statement of the Master of Nonprofit Administration Program

To develop exemplary leaders serving nonprofit organizations.

Admission Policy

All candidates:

- (1) will have completed an undergraduate degree at an accredited college or university;
- (2) have two years or more experience in not-for-profit organizations;

- (3) articulate a commitment to a career in the not-for-profit sector;
- (4) submit two letters of recommendation;
- (5) take the GRE

To execute an admission file, candidates are to complete the online application at business.nd.edu/mna, and then have official copies of all transcripts, recommendation forms, and GRE test scores sent to the M.N.A. office. Upon receipt of these documents, the admissions committee will review the file.

The Core Curriculum:

Course	Title	Credits
MNA 60410	Marketing for Nonprofits	3
MNA 60310	Accounting for a Nonprofit Organization	3
MNA 70310	Decision Analysis	3
MNA 60210	Human Resource Management	3
MNA 60110	Management Communication	1.5
MNA 66110	Legal Environment	3
MNA 70110	Economics of NFP Enterprises	3
MNA 60510	Board Relations Management	1.5
MNA 70210	Financial Management	3
MNA 70410	Ethics Theory	1.5
MNA 70610	Planning and Policy	3
MNA 70740	Nonprofit Management and Organizational Behavior	1.5
MNA 75110	Field Project Electives	9

Total Credit Hours for Degree: 42

For a comprehensive program description, along with a schedule of summer offerings, consult the M.N.A. Web page at <http://business.nd.edu/mna/>.

All inquiries should be directed to the following address:

Thomas J. Harvey, M.S.W.
Director, Master of Nonprofit Administration Program
Mendoza College of Business
Notre Dame, IN 46556-5646
Tel.: (574) 631-7302
Fax: (574) 631-6532
Email: harvey.18@nd.edu

Course Offerings

MNA 60110 01: Management Communication

1.5 credits, O’Rourke
6/27 - 7/02 MTWFS 1:00 PM-5:00 PM
CRN: 2978

Last add date: 6/27

Drop dates: refund, 6/27; last, 6/29

Description: This highly compact course offers a brief survey of the communication processes, skills, theories and applications at work in the not-for-profit organizations of the North American marketplace. You will examine authentic management problems in the NFP arena, including a broad range of organizations, business models, and missions. Assessment of writing and speaking abilities, along with specific feedback to improve performance, are an important part of this one-week course open only to Master of Science in Non-profit Administration degree candidates.

MNA 60210 01: Human Resource Management

3 credits, Bloom, Bretz
6/27 - 7/08 MTWFS 8:00 AM-12:00 PM
CRN: 2979

Last add date: 6/27

Drop dates: refund, 6/28; last, 7/02

Description: Proceeding from a discussion of various theories of managing people in organizations, this course enhances management skills and the understanding of how different strategies are most effectively employed in nonprofit organizations. Management of both professional staff and volunteers is emphasized.

MNA 60310 01: Accounting in a Nonprofit Organization

3 credits, Milani, Hums
7/04 - 7/16 MTWFS 1:00 PM-5:00 PM
CRN: 2980

Last add date: 7/04

Drop dates: refund, 7/06; last, 7/10

Description: Financial and managerial accounting principles, processes and practices in a nonprofit entity are the focus of this course. In financial accounting, basic financial statements (i.e., balance sheet, activity or income statement, and the statement of cash flows) are prepared and analyzed. The managerial accounting emphasis is on budgeting along with variance generation, analysis and interpretation. In addition, coverage includes the statement of functional

expenses and the basic terminology and techniques of fund accounting.

MNA 60410 01: Marketing for Nonprofits

3 credits, Bradford
7/11 - 7/22 MTWFS 8:00 AM-12:00 PM
CRN: 2981

Last add date: 7/11
Drop dates: refund, 7/12; last, 7/16
Description: This course discusses the marketing needs and approaches particular to nonprofit organizations. Included are the development of skills needed to create, implement and refine effective marketing programs for nonprofits.

MNA 60510 01: Board Relations & Management

1.5 credits, Spillet
7/18 - 7/22 MTWRF 1:00 PM-5:00 PM
CRN: 2982

Last add date: 7/18
Drop dates: refund, 7/18; last, 7/20
Description: This course focuses on the development, composition, roles and responsibilities of boards of directors for nonprofits. The partnership between the organizational executive and board in identifying and addressing management and development challenges is explored through case studies and class discussion. Students formulate action plans to resolve problems in board management.

MNA 70110 01: Economics - NFP Enterprises

3 credits, Collett-Schmitt
6/27 - 7/08 MTWFS 1:00 PM-5:00 PM
CRN: 2983

Last add date: 6/27
Drop dates: refund, 6/28; last, 7/02
Description: This course is concerned with the application of microeconomic principles to the managerial decision making process with extensive applications to the nonprofit sector. Students will analyze the demand for services; the cost to the agency of providing those services; and the internal organizational architecture of the entity providing those services. Some key concepts discussed are demand elasticity, incremental cost, the competitive assumption of perfect information, price discrimination, barriers to entry, and the assignment of decision rights.

MNA 70210 01: Financial Management

3 credits, Halloran
6/27 - 7/08 MTWFS 8:00 AM-12:00 PM
CRN: 2984

Last add date: 6/27
Drop dates: refund, 6/28; last, 7/02
Description: This course introduces students to the fundamental concepts and tools of financial analysis. Topics covered include: valuation theory and the risk-return trade-off, financial statement analysis, the time value of money, financial markets, and the valuation of securities and capital investments.

MNA 70310 01: Decision Analysis & Statistics

3 credits, Wei
7/11 - 7/22 MTWFS 8:00 AM-12:00 PM
CRN: 2985

Last add date: 7/11
Drop dates: refund, 7/12; last, 7/16
Description: This course develops students' capacities to analyze and design operating processes by using information technologies to analyze data. Projects are designed to teach students how to interpret and weigh data and to use mathematical/computer models as tools for effective decision making and refinement of functional and strategic processes.

MNA 70410 10: Ethics Theory

1.5 credits, Murphy
7/11 - 7/16 MTWFS 1:00 PM-5:00 PM
CRN: 2986

Last add date: 7/11
Drop dates: refund, 7/11; last, 7/13
Description: This course exams ethical issues and value dilemmas facing the nonprofit manager and the nonprofit organization. Emphasis is on the formulation and implementation of organizational social policy, the development of sensitivity to moral and economic values within situations, and enhancing the ability to examine complex ethical situations and make action decisions. The role of the nonprofit manager as both a professional and an ethical leader is explored through case studies which examine ethical issues in contemporary nonprofit organizations.

MNA 70610 01: Planning & Policy

3 credits, Michel
7/25 - 8/05 MTWRF 9:00 AM-1:00 PM
CRN: 2987

Last add date: 7/25
Drop dates: refund, 7/26; last, 7/30
Description: This course is designed to integrate the knowledge, skills and techniques obtained from previous courses. Emphasis is placed on the formation of a nonprofit organizational strategy through the

development of a mission statement, strategic objectives and plans for implementation of the strategy.

MNA 70740 01: Nonprofit Management and Organizational Behavior

1.5 credits, Tropman
7/18 - 7/22 MTWRF 1:00 PM-5:00 PM
CRN: 3055

Last add date: 7/18
Drop dates: refund, 7/18; last, 7/20
Description: Management in Nonprofit Corporations presents a highly specialized and unique set of challenges. Although primarily a service sector, customers/stakeholders/financial resources are often other than the direct recipients of service. This poses a unique challenge for how the organization is organized, staffed, positioned, and led to deliver both mission and market relevant outcomes. In addition, due to new and emerging external pressures, nonprofits are being forced to consider new paradigms, which are increasingly more strategic and entrepreneurial, often resulting in conflict between traditional mission aspirations and current market realities. This course will explore the managerial skills and organizational strategies necessary for successful nonprofit organizations.

MNA 75110 01: Field Project

3 credits, Ricke-Kiely
6/27 - 8/05
CRN: 2992

Last add date: 6/30
Drop dates: refund, 7/04; last, 7/16
Description: This is a practical application of classroom work to a nonprofit organization environment which contributes to the fulfillment of its mission. Although some literature search may be an element of the field project, the focus is on a real-world deliverable such as a business plan, web site, or marketing plan.

NANOVIC INSTITUTE FOR EUROPEAN STUDIES

Director:

A. James McAdams
Dept. Tel.: (574) 631-5253

The Nanovic Institute for European Studies is Notre Dame's interdisciplinary home for students and faculty to explore the evolving

ideas, cultures, beliefs, and institutions that shape Europe today. It fosters research, sponsors conferences, offers a full range of research and internship grants, and hosts international scholars on campus. The institute also coordinates the Minor in European Studies (MES), open to students in all academic colleges. Designed to reward students who take additional courses about Europe beyond their university and departmental requirements, the MES also connects students to the Institute's European network and encourages original research in the form of a capstone essay. Any student who wishes to study abroad or pursue an international career is encouraged to apply.

Course Descriptions. Courses with the MES attribute span all university departments. When registering for a course, look for the MES attribute in the Class Search or contact the MES Student Coordinator at 631-8326. Write to nanovic@nd.edu with any questions.

THE PHOENIX INSTITUTE

The Phoenix Institute is an international educational organization that seeks to promote a deeper understanding of Western civilization. Since 1991, the institute has held its annual summer program at the University of Notre Dame. The 2011 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 Summer Session by calling 631-7282.

Heroism Reconsidered

3 credits, Evans

Starting with the heroic quest paradigm

that originated with Gilgamesh and Greek mythology, we will explore the attributes and evolution of heroism from ancient to modern times. Because the warrior-heroes of history have often ignored the common good with disastrous consequences, we will look at the various faces of heroism and ask if mankind would profit by loosening the grip that warrior-heroes have on the human imagination. Collaterally, we will explore what can be appropriated from competing models of the hero for personal strength of character, happiness, and humanity's hopes for peace on earth.

Texts: Homer's Iliad (Robert Fagles' translation); Virgil's Aeneid, Book II; the Bible (Moses, David, Jesus); selections from John Milton's Paradise Lost; selections from Early Christian Fathers; war poetry of World War I (Wilfred Owen, "On Passing the Menin Gate" and Siegfried Sassoon, "Dulce et Decorum Est"); World War II war letters from Andrew Carroll's Behind the Lines; Kurt Vonnegut, "Wailing Shall Be In All Streets"; Alexandr Solzhenitsyn's One Day in the Life of Ivan Denisovich; Viktor Frankl, Man's Search for Meaning, and Sophie Scholl (film).

Philosophy of Law

3 credits, Lewis

What is law? How is it related to morality? What is the character of legal as distinct from moral obligation? What is the relationship between legal norms and the structure of political society more generally? How should we think about legal rights and duties? These are among the most central questions of philosophical jurisprudence and have been vigorously debated by proponents of the two perennially dominant jurisprudential camps: legal positivism and natural law theory. In this course we shall investigate them through a study of the two most authoritative contemporary statements of those two perspectives: H.L.A. Hart's 1961 book The Concept of Law and John Finnis's 1980 book Natural Law and Natural Rights.

The Politics of Reconciliation

3 credits, Philpott

All over the world, over the past generation, a historically unusual concentration of societies has sought to confront dolorous pasts of civil war, genocide, and dictatorship. From South Africa to Chile, from Poland to East Timor, countries have debated the meaning of justice in the aftermath of its massive despoliation.

The dominant "orthodoxy" within the UN, western governments, and human rights organizations, known as "the liberal peace," proposes human rights, democracy, and judicial punishment as the way forward. But in numerous locales, a "heterodoxy" has arisen that goes under the name "reconciliation." More often than not reconciliation is advocated by the religious. In contrast to the liberal peace, it proposes a far more holistic approach to past injustices, involving acknowledgment, reparations, apology, the transformation of emotions and beliefs, and, most distinctively and controversially, forgiveness. What exactly is reconciliation? Why has it arisen at this historical moment? What are its theological roots? What does it offer to broken societies? What controversies and ethical dilemmas does it entail? The course will explore reconciliation in a multidisciplinary fashion, drawing on theology, political philosophy, film, literature, and numerous examinations of actual cases from the past generation.

OFFICE OF SPECIAL INSTRUCTIONAL PROJECTS AND ACTIVITIES

PROJECT UPWARD BOUND

Acting Director.

Rafael Marin

Dept. Tel.: (574) 631-5669

The Program of Studies. The Office of Special Instructional Projects and Activities offers, through its Project Upward Bound, a summer program designed to give students an opportunity to earn college credit that will transfer to the university in which they plan to enroll. Registration in the courses described below is restricted to students enrolled in Project Upward Bound.

UB 11050 01: First Year Writing and Rhetoric Summer Studio

2 credits, MacLaughlin

6/20 - 8/05 MTWR 10:30 AM-11:50 AM

CRN: 3210

Last add date: 6/25

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

Description: Students in the First-Year Writing and Rhetoric Summer Program also enroll in the Summer Seminar, UB 13150,

which meets in a computer lab on campus. In the studio, students practice academic writing conventions, draft and revise assignments, and conference with a writing specialist. This course is a corequisite of UB 13150.

UB 13150 01: Writing and Rhetoric Summer Seminar

3 credits, MacLaughlin
6/20 - 8/05 MTW 8:25 AM-10:15 AM
CRN: 3211

Last add date: 6/25
Drop dates: refund, 6/29; last, 7/14
Description: Identical in its aims, assignments, and grading criteria as first-year composition courses offered during the traditional school year, students in UB 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.

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.

WR 11050 01: First Year Writing and Rhetoric Summer Studio

2 credits, Capdevielle
6/20 - 8/05 MTWR 10:30 AM-11:50 AM
CRN: 3897

Last add date: 6/25
Drop dates: refund, 6/29 ; last, 7/14
Description: Students in the First-Year Writing and Rhetoric Summer Program also enroll in the Summer Seminar, WR 13150,

which meets in a computer lab on campus. In the studio, students practice academic writing conventions, draft and revise assignments, and conference with a writing specialist. This course is a corequisite of WR 13150.

WR 13150 01: Writing and Rhetoric Summer Seminar

3 credits, Capdevielle
6/20 - 8/05 MTW 8:25 AM-10:15 AM
CRN: 3898

Last add date: 6/25
Drop dates: refund, 6/29 ; last, 7/14
Description: Identical in its aims, assignments, and grading criteria as first-year composition courses offered during the traditional school year, students in WR 13150 learn how to identify an issue amid conflicting points of view and craft arguments based on various sources of information. The course stresses the identification and analysis of potential counter-arguments and aims to develop skills for writing a research proposal, for conducting original research, and for using print and electronic resources from the library.

AFRICAN AMERICAN SCHOLARS AT NOTRE DAME

Director:

Alyssia J. Coates, Ph.D.
Dept. Tel.: (574) 631-0990

Students must submit an online application (precollege.nd.edu) by Feb. 15, 2011.

Enrollment in this one-week program is limited to 40 academically superior students (20 men and 20 women), and early application is advised. Criteria for selection will include the student's academic and standardized testing record, demonstrated leadership abilities and other extracurricular activities, personal essay and letter of recommendation.

For further information, contact the Office of Pre-College Programs at (574) 631-0990.

PCSE 03230 01: Seminar for African American Scholars

1 credit, Davis
7/18 - 7/22 MTWRF 9:00 AM-5:00 PM
CRN: 1133

Last add date: 7/18

Drop dates: refund, 7/18; last, 7/20

Note: Students must submit an online application (precollege.nd.edu) by Feb. 15, 2011. Enrollment in this one-week program is limited to 40 academically superior students (20 men and 20 women), and early application is advised. Criteria for selection will include the student's academic and standardized testing record, demonstrated leadership abilities and other extracurricular activities, personal essay and letter of recommendation.

Description: More than just receiving a world class education, students at the University of Notre Dame are prepared to change the world. As one of 40 young African American scholars hosted at the University of Notre Dame this summer, you will be inspired to use your heart and mind to consider your role as a future leader - while learning more about this special University.

This Seminar is an opportunity for talented, enthusiastic, and open-minded students to be enriched through spirituality and intellectual curiosity. Explore the rich historical, political and spiritual legacy of African American culture - and delve into a variety of issues from

Catholic Social Teaching, to the Challenges of Science; from Notre Dame in the Local Community to Notre Dame in Africa. The Seminar for African American Scholars provides a complete Notre Dame experience. You will stay in campus residence halls and have access to virtually all of the academic, recreational, and spiritual resources available to undergraduate students.

SCHOOL OF ARCHITECTURE CAREER DISCOVERY PROGRAM

Dean:

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

ARCH 01110 01: Career Discovery: Architecture at Notre Dame

0 credit, DeFrees, Papadopoulos, Stamper
6/12 - 6/24 MTWRF 8:00 AM-5:00 PM
CRN: 1775

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/18

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

Description: Two-week summer Program for high school students interested in Architecture. A two-week summer program for high school students who have completed their sophomore or junior year, to discover the nature of architecture, and to experience university life firsthand. The studies include studio classes in architectural design and construction, freehand drawing, and lectures on the history, theory, and practice of architecture.

COLLEGE OF ENGINEERING CAREER DISCOVERY PROGRAM

Assistant Dean for Academic Affairs:

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

EG 00100 01: Introduction to Engineering

0 credit, Bualuan
6/12 - 6/25 MTWRF 9:00 AM-4:00 PM
CRN: 3355

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/18

Description: A noncredit course for high school students who have completed the junior year. A survey of the courses of study and career paths in aerospace, chemical, civil, computer, electrical, and mechanical engineering. An introduction to problem solving and computer programming through group projects. Trips to tour local and nearby industries, as examples of various engineering environments, are included. Offered in the first three weeks of the summer session.

EG 00200 01: Introduction to Engineering

0 credit, Bualuan
7/10 - 7/23 MTWRF 9:00 AM-4:00 PM
CRN: 3356

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/16

Description: The same course content as EG 00100. Offered in the second three weeks of the summer session.

GLOBAL ISSUES SEMINAR

Director:

Alyssia J. Coates, Ph.D.
Dept. Tel.: (574) 631-0990

Students must submit an online application (precollege.nd.edu) by Feb. 15, 2011.

Enrollment is limited to 40 academically superior Catholic students entering their senior year (20 men and 20 women). Criteria for selection will include the student's academic and standardized testing record, involvement in extracurricular activities, personal essay, letters of recommendation, and an interest in concerns related to Catholic social thought, justice, and peace.

For further information, contact the Office of Pre-College Programs at (574) 631-0990.

PCSE 03220 01: Global Issues Seminar

1 credit, Appleby, Mason
7/25 - 7/30 MTWRF 9:00 AM-5:00 PM
CRN: 1181

Last add date: 7/25

Drop dates: refund, 7/25; last, 7/27

Note: Students must submit an online application (precollege.nd.edu) by Feb. 15, 2011. Enrollment is limited to 40 academically superior Catholic students entering their senior year (20 men and 20 women). Criteria for selection will include the student's academic and standardized testing record, involvement in extracurricular activities, personal essay, letters of recommendation, and an interest in concerns related to Catholic social thought, justice, and peace.

Description: Be one of 40 rising high school seniors engaged in a stimulating one-week exploration of the future challenges facing young Catholic leaders.

Through a series of lectures by distinguished faculty, group discussions and collaborative projects, this seminar identifies contemporary challenges to the establishment of justice and a sustainable peace in a world being transformed by the processes of "globalization". We do so, students and faculty working together, by viewing a host of issues - including terrorism, governmental corruption and structural violence, systematic violations of human rights, religious and ethnic conflict, environmental degradation and resource wars, and nuclear arms proliferation - through the lens of Catholic social teaching. We ask, further, how the principles of social justice must be developed and adapted to address these new challenges.

Global Issues Seminar also provides a complete Notre Dame experience. Students stay in campus residence halls and have access to virtually all of the academic, recreational, and spiritual resources available to undergraduate students.

LATINO COMMUNITY LEADERSHIP SEMINAR

Director:

Alyssia J. Coates, Ph.D.
Dept. Tel.: (574) 631-0990

Students must submit an online application (precollege.nd.edu) by Feb. 15, 2010. Enrollment in this one-week program is limited to 40 academically superior students (20 men and 20 women), and early application is

advised. Criteria for selection will include the student's academic and standardized testing record, demonstrated leadership abilities and other extracurricular activities, personal essay, and letter of recommendation.

For further information, contact the Office of Pre-College Programs at (574) 631-0990.

PCSE 03240 01: Latino Community Leadership Seminar

1 credit, Brown-Gort
7/11 - 7/15 MTWRF 9:00 AM-5:00 PM
CRN: 2887

Last add date: 7/11

Drop dates: refund, 7/11; last, 7/13

Note: Students must submit an online application (precollege.nd.edu) by Feb. 15, 2011. Enrollment in this one-week program is limited to 40 academically superior students (20 men and 20 women), and early application is advised. Criteria for selection will include the student's academic and standardized testing record, demonstrated leadership abilities and other extracurricular activities, personal essay, and letter of recommendation.

Description: The Latino Community Leadership Seminar is an opportunity for 40 outstanding Hispanic students entering their senior year in high school who want to challenge and develop their commitment to the Latino community. This seminar explores the role of Latinos in U.S. society through a series of presentations, discussions, and experiences. Students will examine how their values and experiences interact with political, economic, and social realities to produce new avenues for effective Latino leadership. The seminar is designed to help the students succeed in developing leadership skills that can harness their strong commitment to community service derived from the values of Latino culture and the Catholic social tradition.

The Latino Community Leadership Seminar is hosted by Notre Dame's Institute for Latino Studies and Office of Pre-College Programs. Led by academic director Allert Brown-Gort, along with an impressive group of ND faculty, guest lecturers, and students, the seminar provides a complete Notre Dame experience. Students will stay in campus residence halls and have access to the academic, recreational, and spiritual resources available to ND undergraduates. One college credit will be offered to all participants upon completion of the program.

SUMMER SCHOLARS

Director:

Alyssia J. Coates, Ph.D.
Dept. Tel. (574) 631-0990
June 20–July 2, 2011

A two-week summer program for high school students who have completed their sophomore or junior year and are serious about pursuing an academic opportunity at Notre Dame, to explore their interests in fields of study while in residence on the Notre Dame campus. Summer Scholars participants will have, to the extent possible, the full experience of a Notre Dame student: academic courses and fieldwork with some of Notre Dame's finest faculty members, as well as the residential, social, and spiritual connections that come with living in a residence hall. Academic tracks will be offered in the fields of entrepreneurship, film, life sciences, literature, policy debate and public speaking, pre-law, psychology, theatre, and theology. Students will experience a variety of formats including interactive lectures, laboratory work, collaborative learning, computer and video material, group discussions, and field trips.

Students must apply for the academic track of their choice by March 15, 2011. Because enrollment will be limited to 10–30 students per track, early application is advised. Admissions decision letters will be mailed by April 15. Criteria for selection will include the student's academic and standardized testing record, involvement in extracurricular activities, personal essay, a guidance counselor report, and one letter of recommendation from a guidance counselor or current teacher.

For further information on the academic tracks, other aspects of Summer Scholars, and to apply online, please visit our website: precollege.nd.edu.

PCSE 00212 01: Literature: Faith, Imagination, and Justice

0 credit, Werge
6/20 - 7/01 MTWRF 9:00 AM-4:00 PM
CRN: 1184

Last add date: 6/19

Drop dates: refund, 6/20; last, 6/25

Description: Faith, Imagination, and Justice: A consideration of the spiritual dimensions of literature from fairy tales to recent

American narratives. Special concerns: faith, writing, and commitment; art and empathy; the dynamism between literature and life; the sacramental imagination; and visions of justice, community, and the dispossessed. The program will engage students with questions related to community and social justice through reading, personal writing exercises, discussion, and volunteer service. Students should also expect to view and discuss several topic-related films, hear from selected guest speakers, and participate extensively in community service projects with local groups working with the afflicted and homeless.

PCSE 00213 01: Psychology: Past, Present, and Future

0 credit, Venter

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 1180

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Description: There are many common misconceptions about the discipline of psychology. Often times, psychology is thought of as a field based on “common sense” which lacks a foundation in science. This course aims to rectify these views by presenting theory, research, and real-world applications related to the science of psychology.

Students in the psychology track will explore the science of psychology and will be exposed to directions that this field is likely to take in the near future. In addition, they will gain a better understanding of why human beings think, feel, and act in certain ways as well as an understanding of how research-based treatments can assist people who are suffering from mental disorders. Students will learn about the various subfields of psychology, including developmental, clinical, quantitative, and cognitive, and will gain an understanding about the work of professionals in each of these areas. A primary emphasis of this track will be on translational research, which focuses on bridging the “bench to bedside gap” and disseminating empirically based information to the public in meaningful and relevant ways.

PCSE 00214 01: Theology: The Irresistible Revolution: Jesus, Society, and You

0 credit, Griffin, McCarthy

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 1134

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Description: As many Catholic theologians have noted, we live in a church that can and

cannot change. In other words, the core reality of the Church does not change. But looking at history, we see a lot of change. So, how do we understand - from the perspective of Christian faith - all the change that has taken place both outside and inside the Church?

In this stimulating seminar we will look at many aspects of this question, from how huge changes in scientific knowledge have affected believers to how huge changes at Vatican II have affected the world. The approach will be multi-disciplinary, so students with an interest in a wide variety of topics—from science to economics, from politics to spirituality—will find this to be an exciting conversation with some of Notre Dame’s most brilliant thinkers.

The seminar will include dynamic presentations from Notre Dame professors as well as time for class discussion. One interesting “extra” that will be a fascinating exploration of change: we will go on a field trip to visit with the Amish, a community which is often described as ‘not changing.’ Our time on this trip and all of our learning in the classroom will clearly get us thinking about how we find our bearings in a rapidly changing world.

PCSE 00215 01: Pre-Law: Jurisprudence, Justice, and the American Legal System

0 credit, Cleveland, O’Brien

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 1125

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Description: From Capitol Hill to the county courthouse, the workings of law in American society have shaped, and continue to shape, our very way of life. This track will expose students to the many facets of the American legal system. The groundwork for this track will be laid in the exploration of the United States Constitution, as well as current legal issues. Students will also participate in an active investigation of the court system, from both a civil and criminal law perspective. Additionally, students will learn about rules of evidence and investigate various areas of substantive law, including tort law, constitutional law, criminal law, and federal anti-discrimination laws. The track is delivered through a combination of classroom lectures, discussions, team projects, student presentations, field trips, and mock trials.

PCSE 00216 01: Policy Debate and Public Speaking: Building Skills to Boost Success

0 credit, Claus

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 2812

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Note: For information on the availability of scholarships to underwrite part of the tuition for this track, please contact the Office of Pre-College Programs at (574) 631-0990.

Description: This track uses a debate format to help you develop skills that will also enhance your academic work. We will work within the format of policy debate, an exciting component of Notre Dame’s debate program. Because policy debates present detailed arguments about one topic, they require strong research and writing skills—skills that will benefit you in debate and in your academic work.

The first half of the program provides opportunities to develop skill in public speaking through short informative and persuasive speeches and interviews. We will also watch clips from film and television programs that illustrate points raised in class. To help you develop arguments for your debates, we will work with Notre Dame’s extensive library holdings. You will learn how to use a college library and work with electronic databases and specialized journals. Field trips will also offer opportunities to gather material for your presentations. After you’ve gathered evidence for your topics, Notre Dame faculty and graduate students will help you develop briefs, hone your arguments, and give you intensive, one-on-one instruction in making presentations.

PCSE 00217 01: Film and Video Production: Making Movies Under the Dome

0 credit, Mandell

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 2813

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Description: Film and video production can take many forms, from television news production, to commercial production, to documentary and feature filmmaking. The production process is communal. No one person can produce a film. It’s a group effort, and the Summer Scholars Film Track allows students to work closely with their peers as crew members and creative collaborators, learning from each other and making friend-

ships that last well beyond their two weeks on campus.

Students will learn the history of motion pictures, study the craft of filmmaking, and actually produce and direct their own short film, which will be screened at the end of the summer experience inside the state-of-the-art THX Browning Cinema right on the Notre Dame campus.

PCSE 00218 01: Acting for Stage and Film: Acting Professionally

0 credit, Scott

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 2814

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Description: Ever wonder what it takes to become a professional actor? The art and skill of acting are only a part of the puzzle. What do actors do when they aren't acting? The actor is an independent contractor who markets and interviews and negotiates for work.

The Summer Scholars Acting Track covers both acting training and the business of being an actor. In the first week, students study voice and movement, scene study, and monologue preparation. Script analysis, improvisation, and character studies give actors the tools to create memorable performances. All classes are held in the Marie P. DeBartolo Center for the Performing Arts, a state-of-the-art facility with multiple theatres, classrooms, and a soundstage.

Week two covers the business of being an actor, and acting for film and television. Students will travel to Chicago to see a play and meet with professional actors and directors. Each participant will create a resumé, take starter headshots, and perform in short scenes that will be open to all Summer Scholars participants.

PCSE 00219 01: Voice: Opera and Song

0 credit, Beudert

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 3257

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Description: The Summer Scholars Voice track covers the technical, physical, spiritual, and business aspects of singing. Daily instruction in vocal technique, musical skills, acting, diction, and style will help prepare singers for careers in college and beyond. In addition, discussion and research on the nature of musical performance and its place in society will enrich the practical aspects of

the singer's craft. Finally, specific advice and direction on career development will help young singers begin to plan for their future.

This track is open to serious high school singers who are contemplating college study in voice. In addition to the basic application, singers must submit an audition CD (video preferred), two letters of recommendation from musical authorities (one must be from your current voice teacher), a performing and educational resumé, and a representative aria and song repertoire list.

The repertoire to be worked on (both art song and opera as appropriate) will be chosen on the basis of audition tapes and discussions with the students' teachers. Final performances for the entire Summer Scholars community will enable singers to put their newfound knowledge to practical use. A field trip to the exciting Chicago summer classical music life is planned.

PCSE 00220 01: This World and the Next: Love, Life and God in The Brothers Karamazov

0 credit, Gasperetti

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 4149

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Description: The place of Fyodor Dostoevsky's final, and greatest, novel, *The Brothers Karamazov* (1880), is firmly set in the annals of literary history. Not only did it help to redefine the novel genre, but it has remained a classic of Western literature for over 125 years. In this two week track, students will find some of the most profound and illuminating statements ever made on a variety of topics, from the nature of God and faith to the challengers posed by the growing culture of late-nineteenth-century materialism, from the spiritual liberation found in the power of love and suffering to the moral and psychological destructiveness of false utopias.

Working with one of the leading scholars on *The Brothers Karamazov*, the students will strive to unlock Dostoevsky's structural innovations, analyze his complex psychological characterizations, and interpret his rich system of symbols and allegories in order to get a clearer understanding of his view of the individual, of society, and of life itself - both in this world and the next. In addition, the program will include a cultural excursion to Chicago.

PCSE 00224 01: Research Computing Boot Camp

0 credit, Brenner, Stitt

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 4163

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Description: Our world community faces many grand challenges such as developing sustainable energy, understanding climate change, curing disease, and stabilizing international crises to promote peaceful resolution. The solutions to these challenges will require talented young thinkers working together across multiple disciplines such as engineering, science, business, and the humanities. These bright individuals will need both access to and understanding of the world's best technical tools to address the inherent complexity. In our discipline we call these tools research computing and the student scholars who join us for the summer will have the opportunity to learn first hand their amazing power to solve some of the hardest problems. If you think your laptop, iPhone, or Xbox is impressive (and they are), you will marvel at your new understanding and access to systems with over 1000 times the capability of your consumer systems.

In the first week of the program you will be introduced to High Performance Computing (HPC) and have the opportunity to work in teams to build and operate your own modest "super computer". You will be introduced to the operating system environments (Linux), computer programming languages (C++) and scripting languages (Python and shell) that harness some of the world's most powerful computers. By the end of the week you will be running simulations of hurricanes, molecular proteins, and social networks. In week two we will introduce a broader view of research computing to include 3D visualizations, large distributed data sharing, interactive web development, and mobile device programming. We will then finish the week and the program with a capstone opportunity for students to shadow members of our research and development team. Throughout the program there will be a continuous focus on motivating and inspiring participants to explore the use of research computing in their fields of interest. Whether they aspire to be a doctor, lawyer, engineer, business entrepreneur, or philosopher; their new understanding of the research computing tools available to them

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will give them a substantial boost toward a successful career.

PCSE 00311 01: Summer Scholars Entrepreneurship

0 credit, Francis

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 1183

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Description: Recognizing Needs, Finding Opportunities, and Creating Businesses

From Main Street to Wall Street, the business world is both dynamic and exciting. This two-week program will not only open your eyes to some of the intricate dynamics of the field but will also serve as a solid foundation to understanding how businesses function. From daily stock tracking to keynote speakers to stimulating field trips, you will have the opportunity to delve deeper into your comprehension of business while simultaneously applying that knowledge to daily challenges. Facilitated by senior-level staff from the University's Gigot Center for Entrepreneurial Studies, you will have access to faculty members from Notre Dame's Mendoza College of Business and entrepreneurs from the area. Intriguing lectures on topics including Business Ethics, Communications and Public Speaking, Marketing, Operations, Venture Capital and Finance will help you gain a broad appreciation for Entrepreneurship. The students will work extensively with other members to learn and experience the different components of business required of entrepreneurs. Teams will also be developing a business plan for an original idea from each group. The week culminates in a formal, final event in which your team will present your plan in a simulated business-presentation environment.

Business is one aspect of our society that will continue to reward those who have a broad understanding of their field and can subsequently apply their strengths to specific areas. At the conclusion of this program, you will have begun to lay that foundation and start to have enough information to identifying your key area of interest. Furthermore, you should have an improved understanding of how investors and entrepreneurs think, what the college experience at Notre Dame is like, and how your own college experience will ultimately position you to enter the business world!

PCSE 00510 01: Life Sciences: Ecology/ Environmental Science and Molecular Genetics

0 credit, Olsen, Lewis

6/20 - 7/01 MTWRF 9:00 AM-4:00 PM

CRN: 1182

Last add date: 6/20

Drop dates: refund, 6/20; last, 6/25

Description: The Life Sciences track will cover two major content areas: Ecology/ Environmental Science and Molecular Genetics of Disease. Topics covered within these areas will highlight both basic research conducted by Notre Dame faculty and the connection of this research to applied fields in industry, medicine and environmental management. Students will investigate these topics using a variety of formats including interactive lectures, laboratory work, collaborative learning, computer and video material, group discussions, and field trips. Students will be exposed to the philosophy of scientific investigation, current techniques used in field and laboratory research, and analysis and communication of experimental results. Field trips will include biodiversity and ecosystem management studies at Michigan's Warren Dunes and a visit to some of Chicago's science-related museums.



Rev. John I. Jenkins,
C.S.C., D.Phil.



Charles T. Hurley
III, MSA, M.A.

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PH.D.

Assistant Dean

The Spirit of Inclusion at Notre Dame
“Strangers and sojourners no longer...” (Ephesians 2:19)

The University of Notre Dame strives for a spirit of inclusion among the members of this community for distinct reasons articulated in our Christian tradition. We prize the uniqueness of all persons as God’s creatures. We welcome all people, regardless of color, gender, religion, ethnicity, sexual orientation, social or economic class, and nationality, for example, precisely because of Christ’s calling to treat others as we desire to be treated. We value gay and lesbian members of this community as we value all members of this community. We condemn harassment of any kind, and University policies proscribe it. We consciously create an environment of mutual respect, hospitality, and warmth in which none are strangers and all may flourish.

One of the essential tests of social justice within any Christian community is its abiding spirit of inclusion. Scriptural accounts of Jesus provide a constant witness of this inclusiveness. Jesus sought out and welcomed all people into the Kingdom of God - the gentile as well as the Jew, women as well as men, the poor as well as the wealthy, the slave as well as the free, the infirm as well as the healthy. The social teachings of the Catholic Church promote a society founded on justice and love, in which all persons possess inherent dignity as children of God. The individual and collective experiences of Christians have also provided strong warrants for the inclusion of all persons of good will in their communal living. Christians have found their life together enriched by the different qualities of their many members, and they have sought to increase this richness by welcoming others who bring additional gifts, talents, and backgrounds to the community.

The spirit of inclusion at Notre Dame flows from our character as a community of scholarship, teaching, learning, and service founded upon Jesus Christ. As the Word through whom all things were made, Christ is the source of the order of all creation and of the moral law that is written in our hearts. As the incarnate Word, Christ taught the law of love of God and sent the Holy Spirit that we might live lives of love and receive the gift of eternal life. For Notre Dame, Christ is the law by which all other laws are to be judged. As a Catholic institution of higher learning, in the governance of our common life we look to the teaching of Christ, which is proclaimed in Sacred Scripture and tradition, authoritatively interpreted by Church teaching, articulated in normative understandings of the human person, and continuously deepened by the wisdom born of inquiry and experience. The rich heritage of the Catholic faith informs and transforms our search for truth and our understanding of contemporary challenges in higher education.

This statement was adopted by the officers of the University on August 27, 1997.



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