

2013 Bulletin of Information

**University of Notre Dame
Office of the Registrar/
Office of the Summer Session
Office Hours**

8:00 a.m.–4:30 p.m.

Contact Information

300 Grace Hall
Notre Dame, IN 46556
(574) 631-7282
(574) 631-5872 - Fax

Email

sumsess.1@nd.edu

URL

summersession.nd.edu

Campus Map

map.nd.edu

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

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

Nondiscrimination

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

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

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

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

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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	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 17, 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 17, Monday, (7-week classes)

Classes begin at 8:00 a.m.

June 21, Friday

Last date to add regular 7-week summer session classes

June 25, Tuesday

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

July 10, Wednesday

Last date to drop regular 7-week summer session classes

July 12, Friday

Latest date for master's comprehensive examinations and Ph.D. dissertation defenses for graduation in August 2013

July 19, Friday

Latest date to apply for admission to candidacy for the doctoral or master's degree to be awarded August 2013

July 19, Friday

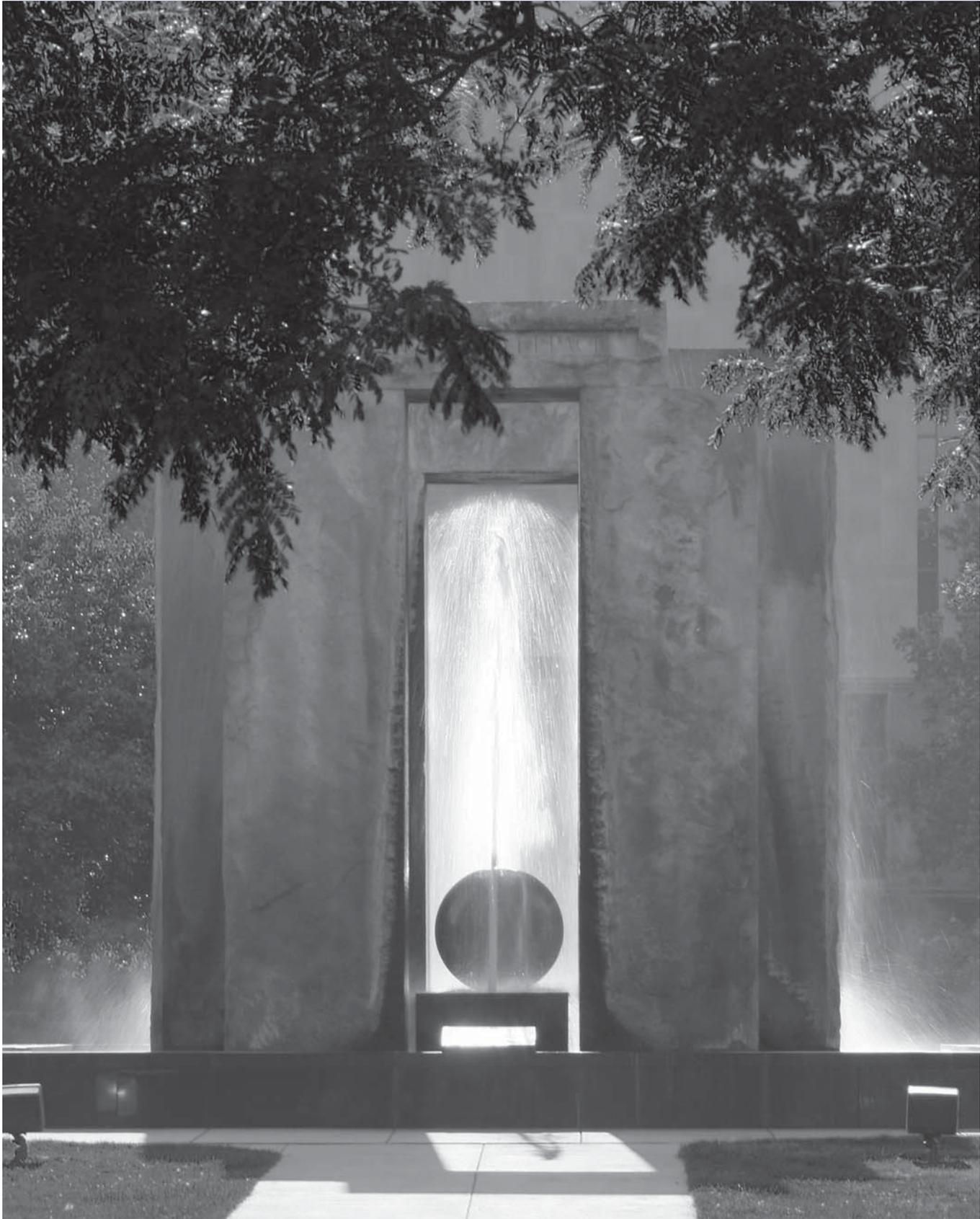
Latest date for presenting completed theses and dissertations to the Graduate School for graduation in August 2013

August 2, 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

Notre Dame Continuing Students.

University of Notre Dame continuing students (i.e. students who attended Notre Dame during the spring semester of 2013 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 20 through the course add and drop dates published in this *Bulletin*. In addition, this information and updates can be viewed by selecting "Summer Class Search" online at summersession.nd.edu.

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

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

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

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 are 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 degree programs offered during the academic year.

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

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

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

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

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

English Language Qualification.

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

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

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

ND ROLL CALL

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

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

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

All financial accounts for the summer session

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

1. ND Roll Call for the Summer Session.

Students who have registered for courses that begin during the first week of the summer session (June 17–21) must complete the ND Roll Call process no later than Friday, June 21. 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 17–21) must complete the ND Roll Call process by the first class day. Students need to complete the process only once even if they are taking courses that begin before or after the first week of the summer session.

3. ND Roll Call for Independent

Study. Students registered for any form of independent study (e.g. special studies courses, directed readings courses, or thesis or dissertation research) may complete the ND Roll Call process as early as Monday, May 20.

ACADEMIC REGULATIONS

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

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

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

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

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

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

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

Correspondence credits are not accepted toward a Notre Dame degree.

Schedule Changes. No seven-week course that begins during the first week of the summer session (June 17–21) may be added after Friday, June 21.

No seven-week course that begins during the first week of the summer session (June 17–21) may be dropped after Tuesday, June 25, for full refund, or Wednesday, July 10, without a refund, except in cases of

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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 2013” 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 21, 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.

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 undergraduates may file with their academic dean (or the dean's designee), during the first six class days of the semester, the decision to take one elective course per semester, not to exceed four credit hours, outside the student's major department and not required by the student's program, on a pass/fail basis. Faculty, departments, and colleges may elect to refuse pass/fail requests for selected courses. If approved, the filing is irrevocable and will result in conversion by the University 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 University Registrar will interpret the final letter grades of "A" through "D" as pass. These grades will not be computed into the student's 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	4.000
A-	3.667
B+	3.333
B	3.000
B-	2.667
C+	2.333
C	2.000
C-	1.667
D	1.000
F	0.000
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.

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 must complete the coursework for a grade 30 days from when grades were due (for the semester in which the I was given) to complete the coursework for a grade. If the coursework is not completed by this date, the grade of I will be changed permanently to a grade of F. Extensions for Incompletes require formal approval from the associate dean of students in the Graduate School.

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

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

Honors at Graduation. In the undergraduate colleges, a degree will be granted with highest honors (*summa cum laude*) the student's grade point average ranks among the top 5.000 percent of those students graduating from the student's college or school; for a student whose grade-point-average ranks among the top 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 2013 are as follows:

Undergraduate tuition per semester hour	\$915
Undergraduate tuition for auditing per semester hour	\$915
Graduate tuition per semester hour	\$495
Graduate tuition for auditing per semester hour	\$495

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 sponsored summer students and summer-only students must provide accurate information about visa and immigration status during the application process to ensure compliance with the relevant U.S. immigration regulations. Continuing Notre Dame international students present in the United States on F-1 or J-1 visas are permitted to register for the summer session provided that their immigration documents remain valid.

ND International verifies and monitors the immigration status of all nonimmigrant visa holders enrolled at the University. Applicants and students may obtain additional information and contact ND International through its website international.nd.edu. International students at Notre Dame during the summer may participate in summer programs offered by ND International. For more information, please see international.nd.edu.

HOUSING, LAUNDRY, AND MEALS

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

Housing. Students who wish to reserve a room need to apply online. The online application for campus housing is available at insideND (inside.nd.edu) under the "Student Resources" tab, "Housing", click "Home Under the Dome". Single- and multi-occupancy rooms are available for men and women undergraduate students in separate designated residence halls, and

graduate students in a co-ed residence hall. 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. Single occupancy is defined as use of one room, even though it may be part of a two- or three-room suite. There are a limited number of single rooms available. Each room is equipped with a bed, dresser, desk and chair, and wardrobe.

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

Subject to final approval, the following is a list of housing prices for the summer session of 2013. Summer session housing includes cable and internet connections.

Air-conditioned undergraduate residence halls:

single-occupancy \$230 per week
multi-occupancy \$170 per week

Non-air-conditioned undergraduate residence halls:

single-occupancy \$170 per week
multi-occupancy \$135 per week

Air-conditioned graduate residence halls:

private-occupancy \$330 per week

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

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

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

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

Requests for **early or late arrivals** must be submitted, in writing, to the Office of

Housing **at least 48 hours before** arrival or departure.

Students in residence should note that it may not be possible to extend the original period of residency without advance notice. All residents must vacate their rooms within 24 hours after their last class. Housing is not available after 12:00 p.m. on Saturday, August 3.

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

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

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

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

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

Summer session meals begin May 28, 2013 and end August 1, 2013. The following meal plans may be purchased for any number of weeks. Note: There will be no dinner meal on

Friday, May 31, 2013.

Blue Plan (Up to 21 meals per week/3 meals per day): \$175.00 per week

Gold Plan (Up to 14 meals per week in any combination): \$150.00 per week

Perfect 10 (Up to 10 meals per week in any combination): \$120.00 per week

Perfect 5 (Up to 5 meals per week in any combination): \$65.00 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. Flex Points are valid May 23, 2013 - August 2, 2013, with any remaining balance forfeited. Visit food.nd.edu for a complete listing of Food Service locations.

STUDENT ACCOUNTS

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

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

10 UNIVERSITY RULES AND REGULATIONS

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 \$45.

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. 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. 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. Each year the University publishes an annual report about campus security and fire safety, including crime and fire 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 registered in the Notre Dame summer session under any classification.

THE GRADUATE SCHOOL

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

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

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

12 COURSE NUMBERING AND SCHEDULING

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

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

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

COURSE NUMBERING AND SCHEDULING

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

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

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

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

- SUBJ XO-XXX = regular classroom course
- SUBJ X1-XXX = lab/drill/studio
- SUBJ X2-XXX = tutorial/discussion group
- SUBJ X3-XXX = seminar

- SUBJ X4-XXX = off-campus/study abroad
- SUBJ X5-XXX = internship/fieldwork
- SUBJ X6-XXX = directed readings
- SUBJ X7-XXX = special studies
- SUBJ X8-XXX = thesis/research/dissertation
- SUBJ X9-XXX = reserved for future use

Days of the Week Relating to Class Meetings.

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

AEROSPACE AND MECHANICAL ENGINEERING

Chair:

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

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

AME 48491 01: Undergraduate Research

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: A research project at the undergraduate level under the supervision of a faculty member.

AME 67099 02: Special Studies

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/17 - 8/02

CRN: 2530

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Advanced research project for M.E. M.E. degree

AME 68691 01: Thesis Research

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: This course is reserved for the six-credit-hour thesis requirement of the research master's degree. (Every semester)

AME 68697 01: Nonresident Thesis Research

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
Description: For master's degree students. (As needed)

AME 87891 01: Visiting Teacher Special Studies

Variable credits, Morris
6/17 - 8/02

CRN: 2522

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: This course is a special independent study course for visiting teachers.

AME 97099 01: Special Studies

Variable credits, Corke
6/17 - 8/02

CRN: 1142

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Content, credit, and instructor will be announced by the department. (As needed)

AME 98991 01: Dissertation Research

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Required for candidates for the advanced degree in the research program.

AME 98998 01: Nonresident Dissertation Research

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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:

Hugh R. Page, Jr., D.Min, Ph.D.
Program Tel.: (574) 631-5666

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, economies, 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
6/17 - 8/02 MTWR 8:55 AM-10:15 AM
CRN: 2776

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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 30279 01: Abraham Lincoln's America, 1809-1865

3 credits, Graff
7/08-8/02 MTWRF 10:15 AM-12:10 PM
CRN: 4073

Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: "Abraham Lincoln's America" will use the life of the republic's most celebrated president as a window to explore the transformations and continuities in American politics, cultures, economics, ideologies, and social life during the half-century ending in the cataclysmic Civil War. Using Lincoln's own experiences as a starting point - his poor upbringing, his family's frequent moves across the sectional borderlands, his self-motivation and professional ambition, his embrace of mass politics, and his rapid ascent to national leadership during the republic's greatest crisis - students will explore much more than the sectional struggle and the fight to save the Union from secession. Important topics will include the evolving struggles over the meanings of race, freedom, and slavery; the increasing commercialization of the economy and the forging of new class relationships and identities; migration, property-holding, and relations with Native Americans in the rural and small-town west; changing realities and conceptions of gender, family, childhood, and parental authority; the changing role of local and national governments and the rise of political parties and mass political participation; and

14 AMERICAN STUDIES

the heated contests over nativity, religion, and citizenship. In short, Lincoln's personal experiences will be the entry into understanding American society as a whole during his life (1809-1865), and students will ponder the usefulness of biography to the larger historical project as well as the importance of memory and myth in the ways we repeatedly reconstruct the past.

AFST 33701 01: Sociology of Sport

3 credits, Welch

6/17 - 8/02 TR 1:00 PM-3:45 PM

CRN: 3045

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 40203 01: African-American Civil Rights History

3 credits, Pierce

6/10 - 7/05 MTWRF 10:15 AM-12:15 PM

CRN: 3709

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

Description: There may not be a term in American society as recognized, and yet as misunderstood, as "Civil Rights." Often civil rights are conflated with human rights, even though each are distinct of the other. During the course, we will trace the African-American Civil Rights Movement in the United States during the 20th century, as well as its lasting impact on American society. We will do so using as many media as possible. Fortunately, we will have the opportunity to study an important part of American history in significant detail. The issues we investigate challenge the founding principles of American society to its core.

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 30396 01: Abraham Lincoln's America, 1809-1865

3 credits, Graff

7/08-8/02 MTWRF 10:15 AM-12:10 PM

CRN: 4074

Last add date: 7/11

Drop dates: refund, 7/13; last, 7/21

Description: "Abraham Lincoln's America" will use the life of the republic's most celebrated president as a window to explore the transformations and continuities in American politics, cultures, economics, ideologies, and social life during the half-century ending in the cataclysmic Civil War. Using Lincoln's own experiences as a starting point - his poor upbringing, his family's frequent moves across the sectional borderlands, his self-motivation and professional ambition, his embrace of mass politics, and his rapid ascent to national leadership during the republic's greatest crisis - students will explore much more than the sectional struggle and the fight to save the Union from secession. Important topics will include the evolving struggles over the meanings of race, freedom, and slavery; the increasing commercialization of the economy and the forging of new class relationships and identities; migration, property-holding, and relations with Native Americans in the rural and small-town west; changing realities and conceptions of gender, family, childhood, and parental authority; the changing role of local and national governments and the rise of political parties and mass political participation; and the heated contests over nativity, religion, and citizenship. In short, Lincoln's personal experiences will be the entry into understanding American society as a whole during his life (1809-1865), and students will ponder the usefulness of biography to the larger historical project as well as the importance of memory and myth in the ways we repeatedly reconstruct the past.

ANTHROPOLOGY

Chair:

Susan D. Blum, Ph.D.

Dept. Tel.: (574) 631-5547

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

ANTH 30190 01: Infancy: Evolution, History and Development

3 credits, McKenna

6/10 - 7/05 MTWRF 12:30 PM-2:30 PM

CRN: 3173

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

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 35588 01: Archaeology Field School

3 credits, Schurr

6/17 - 7/05 MTWRF 8:30 AM-6:00 PM

CRN: 4038

Last add date: 6/18

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

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 46200 01: Directed Readings - Medical Anthropology

Variable credits, McKenna

6/17 - 8/02

CRN: 2858

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ANTH 46300 01: Directed Readings in Sociocultural Anthropology

Variable credits, Richman

6/17 - 8/02

CRN: 3160

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 48300 01: Directed Research in Socio-cultural Anthropology

Variable credits, Smith

6/17 - 8/02

CRN: 3498

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Intensive independent research on a special problem area in socio-cultural 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

6/10 - 6/28

CRN: 3685

Last add date: 6/10

Drop dates: refund, 6/13; last, 6/19

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

ANTH 65588 01: Archaeology Field School

3 credits, Schurr

6/17 - 7/05 MTWRF 8:30 AM-6:00 PM

CRN: 4039

Last add date: 6/18

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

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 68500 01: Directed Research - Archaeology

Variable credits, Schurr

6/10 - 6/28

CRN: 3651

Last add date: 6/10

Drop dates: refund, 6/13; last, 6/19

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

DEPARTMENT OF APPLIED AND COMPUTATIONAL MATHEMATICS AND STATISTICS

Chair:

Steven Buechler, Ph.D.

Dept. Tel.: (574) 631-8630

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

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

ACMS 46800 01: Directed Readings

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ACMS 88900 01: Research & Dissertation

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and dissertation for resident graduate students.

ACMS 98900 01: Nonresident Dissertation Research

1 credit

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

16 ARCHITECTURE

Drop dates: refund, 6/25; last, 7/10
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, M.Arch
Dept. Tel.: (574) 631-6137

ARCH 45999 01: Professional Internship I

1 credit, Bullene
6/17 - 8/02

CRN: 3865

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Internship credit in the School of Architecture for full time summer employment (40 hours per week minimum) for a minimum of eight weeks. Students must have a firm job offer before being given permission to enroll. In addition to the successful completion of employment, students must submit weekly reflections to the instructor on a series of questions relating the employment experience to the academic program.

ARCH 61011 01: Introduction to Architectural Representation

0 credits, Hoyt

7/29 - 8/16 MTWRF 9:00 AM-5:00 PM

CRN: 2533

Last add date: 7/29

Drop dates: refund, 8/01; last, 8/07

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.

ART HISTORY COURSES

ARHI 45310 01: Art History Internship

Variable credits, Barber

6/17 - 8/02

CRN: 3042

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 66272 01: Directed Readings - Medieval

Variable credits, Joyner

6/17 - 8/02

CRN: 3852

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ARHI 66372 01: Directed Readings-Ren/Baroque

Variable credits, Coleman

6/17 - 8/02

CRN: 3157

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/17 - 8/02

CRN: 3159

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ARHI 66472 02: Directed Readings - Modern

6 credits, Pyne

6/17 - 8/02

CRN: 3484

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ARHI 66472 03: Directed Readings - Modern

6 credits, Gopinath

6/17 - 8/02

CRN: 3485

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ARHI 66572 01: Directed Readings

Variable credits, Pyne

6/17 - 8/02

CRN: 2158

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ARHI 67472 01: Special Studies - Modern

Variable credits, Pyne

6/17 - 8/02

CRN: 3051

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ARHI 68573 01: Thesis Direction

Variable credits, Pyne

6/17 - 8/02

CRN: 1651

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ARHI 68574 01: Nonresident Thesis Research

Variable credits, Pyne

6/17 - 8/02

CRN: 1650

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

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

3 credits, Smith

6/10 - 7/05 MTWR 1:30 PM-6:00 PM

CRN: 3923

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

Description: This course deals with fundamentals of two-dimensional design and is intended for students entering studio practice for the first time. The course is also open to more advanced students who wish to increase their knowledge of the elements and principles of design. The course is project-oriented. Studio practice in the basic principles of design employing color theory, form, and space organization, as well as materials and processes used in the design process, are emphasized. Materials fee.

DESN 21205 01: Innovation through Rapid Prototyping

3 credits, Elwell

6/17 - 8/02 MTWR 8:55 AM-11:25 AM

CRN: 4142

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: MATERIALS FEE. This course examines the role of rapid prototyping in product development. By leveraging technology such as laser cutting, 3D printing and computer numerical controlled routing, inexpensive and rough models will be produced to efficiently and effectively evaluate concepts. Through the iterative design process, students will learn how to embrace failure as a path to refinement.

DESN 47171 01: Special Studies--Graphic Design

Variable credits, Sedlack

6/17 - 8/02

CRN: 2779

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

DESN 47371 01: Special Studies-Internship

3 credits, Barber

6/17 - 8/02

CRN: 2573

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Permission required.

Independent study in design.

STUDIO COURSES**ARST 11201 01: Drawing I**

3 credits, Hinz

6/10 - 7/05 MTWRF 8:30 AM-1:00 PM

CRN: 2904

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

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. Materials fee.

ARST 11601 01: 3-D Foundations

3 credits, Campbell

6/10 - 7/05 MTWR 1:30 PM-6:00 PM

CRN: 3921

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

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 21401 01: Photography I

3 credits, Bellucci

6/10 - 7/05 MTWRF 8:30 AM-1:00 PM

CRN: 3677

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

Description: BA Core Option/BFA Core.

Open to all junior, sophomore and freshmen only. Materials fee. 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 also serves as the entry-level sequence for the photo major in studio art. The course is based on the use of digital cameras. Adobe Lightroom software and professional quality inkjet printing. Creative assignments introduce students to various thematic approaches including documentary work and portraits. Presentations cover both historical and contemporary approaches to the medium. A digital SLR camera with manual controls is highly recommended; or students may check out departmental cameras to complete assignments. A portable hard drive compatible with the Apple OS platform is required for storing personal files. Offered every semester. Lab fee.

ARST 31101 01: Multilevel Ceramics

3 credits, Hartwig

6/17 - 8/02 MTWR 6:30 PM-9:00 PM

CRN: 3922

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ARST 45310 01: Art Studio Internship

Variable credits, Barber

6/17 - 8/02

CRN: 3486

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Permission required. This course provides an opportunity for the art studio major to earn credit for an approved studio art experience.

ARST 47171 01: Special Studies - Ceramics

Variable credits, Hartwig

6/17 - 8/02

CRN: 3893

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Independent study in ceramics: research or creative projects.

ARST 67171 01: Special Studies - Ceramics

Variable credits, Hartwig

6/17 - 8/02

CRN: 3499

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Independent study in ceramics: research or creative projects. Open to graduate students with permission of the instructor.

ARST 78706 01: Nonresident Thesis Research

Variable credits, Sedlack

6/17 - 8/02

CRN: 1214

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Sedlack

6/17 - 8/02

CRN: 2160

Last add date: 6/21

18 ARTS AND LETTERS NONDEPARTMENTAL

Drop dates: refund, 6/25; last, 7/10

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, Sedlack

6/17 - 8/02

CRN: 2159

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 36000 01: Directed Readings

3 credits, Preacher

6/17 - 8/02

CRN: 3171

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 45999 01: Summer Internship

Variable credits, Preacher

6/17 - 8/02

CRN: 3738

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Credit toward graduation for up to two internships is available for Arts and Letters students upon approval by a dean in the Office for Undergraduate Studies. Students are required to provide a goals and objectives statement and to obtain a letter of offer for the internship in advance of beginning the internship, to keep a daily journal over the course of the internship, to have a letter of evaluation provided upon completion of duties, and to write a reflection paper.

AL 45999 02: Summer Internship

Variable credits, Toumayan

6/17 - 8/02

CRN: 3739

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Credit toward graduation for up to two internships is available for Arts and Letters students upon approval by a dean in the Office for Undergraduate Studies. Students are required to provide a goals and objectives statement and to obtain a letter of offer for the internship in advance of beginning the internship, to keep a daily journal over the course of the internship, to have a letter of evaluation provided upon completion of duties, and to write a reflection paper.

AL 48999 01: Research Experience for Undergraduates

0 credits, Preacher

6/17 - 8/02

CRN: 2641

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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.

AL 73006 01: English for Academic Purposes (EAP) Pre-Academic Summer Program for Incoming STEM Graduate Students

0 credits, Markel

7/22 - 8/16 MTWRF 8:30 AM-12:30 PM

CRN: 3843

Last add date: 7/24

Drop dates: refund, 7/26; last, 8/03

Note: Graduate School Approval Required. Registration restricted to incoming international graduate students from the College of Science or Engineering. Approval by the Graduate School and funding from department to support the student for the 4-week duration of the program required.

Description: The Graduate School and the Center for the Study of Languages and Cultures (CSLC) are partnering to offer an English for Academic Purposes (EAP) Pre-Academic Summer Program for STEM

Students. This program will provide participating students an opportunity to learn and practice academic English – including presentation and teaching skills relevant to teaching/lab assistant roles – from specialized EAP faculty and within a targeted curriculum before the start of the fall semester.

Length: The program length has been targeted at four weeks, July 16 - August 10. This will allow sufficient time for intake and assessment as well as a meaningful cycle of coursework and study.

Students: The participant pool will be limited to a maximum of 50 incoming international graduate students enrolled in the College of Science or Engineering. This threshold will maintain class sizes of 18 students or less and mirror existing curricular templates.

Schedule: Students will meet daily for two 90 minute core classes and select from one of two 60 minute elective classes for a total of 4 hours of class. The specific schedule will be designed to allow students to participate in departmental/laboratory activities for a significant portion of each day.

In addition to coursework, the Center for the Study of Languages & Cultures and EAP Faculty will offer several ancillary support opportunities via afternoon tutoring, self-study resources and language practice activities.

BIOLOGICAL SCIENCES

Chair:

Gary A. Lamberti, Ph.D.

Dept. Tel. (574) 631-6552

BIOS 10107 01: Ecology and Environmental Issues

3 credits, Olsen

6/17 - 8/02 MTWR 10:30 AM-11:50 AM

CRN: 2827

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Emphasis will be placed upon today's ecological and environmental problems and the possible effect they may have upon the future evolution of life on Earth. Topics will generally include an overview of the theory of evolution and

a discussion of ecological principles as observed at the population, community, and ecosystem levels. The influence of cultural and political factors will also be discussed. Each academic year, one or more sections will be offered; some may be individually subtitled, allowing for one-time presentation of specific topics within the context of “environment and evolution;” in addition to multiple-semester presentations of a specific topic (e.g., Evolutionary Ecology, Freshwater and Society, Environmental Issues and Solutions). Summer. This course counts as general elective credit only for students in the College of Science.

BIOS 35502 01: Practicum in Environmental Field Biology East

6 credits, Belovsky, Carson, Cramer, Crowl, Joern, Michel
6/17 - 7/25
CRN: 2581

Last add date: 5/20
Drop dates: refund, 5/28; last, 6/19
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, Arnold, Roberts
6/17 - 8/02
CRN: 2582

Last add date: 6/11
Drop dates: refund, 6/19; last, 7/08
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 inde-

pendent research project over the remaining five weeks.

BIOS 45999 01: Summer Research Internship

Variable credits, Lamberti
6/17 - 8/02
CRN: 3805

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Summer research internship experience in biological or environmental sciences.

BIOS 46497 01: Directed Readings

Variable credits, Lamberti
6/17 - 8/02
CRN: 2079

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/17 - 8/02
CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Note: Instructor approval required.
Description: Research in collaboration with members of the faculty. Evaluation of performance will be accomplished through regular discussions with the faculty member in charge of the course. Enrollment must be completed before the end of the first week each semester. Students may not register for more than three credits per semester; only two credits per semester may be counted as BIOS elective credits by majors.

BIOS 48999 01: Research Experience for Undergraduates

0 credits, Whaley
6/17 - 8/02
CRN: 3158

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: This is a zero-credit course for students engaged in independent research or working with a faculty member or a member of the University staff on a special project.

Registration requires a brief description of the research or project to be pursued and the permission of the director of the Summer Session. This course is taken as an indication of the student’s status on campus and is meant to allow the registered student to use the University facilities as the Summer Session permits. No course work is required.

BIOS 68599 01: Thesis Direction

Variable credits, Boyd
6/17 - 8/02
CRN: 1649

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Research and direction for resident master’s students. (Every semester)

BIOS 77672 01: Special Problems

Variable credits, Boyd
6/17 - 8/02
CRN: 1647

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
7/08 - 8/02
CRN: 3175

Last add date: 7/10
Drop dates: refund, 7/12; last, 7/20
Description: Participating teachers will raise their level of understanding of relevant biology by engaging important topics in a “hands on” way in the workshop. They will be able to transform what they have learned into new curricular materials that will improve the abilities of their students and hopefully stimulate them to consider a career in science. The teaching assistant and mentors will introduce the topics, providing background and initial exercises as necessary, but the goal will be to shift the focus to the teachers who will pose and investigate questions according to their own interests and abilities. The mentors and assistant will serve as catalysts and advisors in the process. Teachers will engage one or more topics of relevant, horizon expanding, biology.

BIOS 88600 01: Non-Resident Thesis Direction

Variable credits, Boyd
6/17 - 8/02
CRN: 1648

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

BIOS 98699 01: Research & Dissertation

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and dissertation for resident doctoral students.

BIOS 98700 01: Nonresident Dissertation Research

Variable credits, Boyd

6/17 - 8/02

CRN: 1645

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

MENDOZA COLLEGE OF BUSINESS

Assistant Dean:

Dale Nees, M.S.

Dept. Tel.: (574) 631-6602

ACCT 20100 01: Accountancy I

3 credits, Hums

6/17 - 8/02 MTWR 8:55 AM-10:15 AM

CRN: 1644

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: An introduction to financial accounting and the accounting profession, with an emphasis on the decision-usefulness of accounting information. The course stresses the relation of accounting to economic activity, organizing information for decision making, the resource acquisition decision, the uses of cash and noncash resources, the accounting for selling and manufacturing activities, and the information needs of multiple owners, lenders and equity holders. A prerequisite of all accountancy and finance courses. Ordinarily taken by business sophomores in the Fall. Also offered to nonbusiness students.

ACCT 20200 01: Accountancy II

3 credits, O'Tousa

6/17 - 8/02 MTWR 8:55 AM-10:15 AM

CRN: 3176

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: A continuation of the introduction to accounting, with an emphasis on the use of accounting information and analysis for management decision and control.

The purpose of the course is the learning of accounting techniques such as budget preparation, cost-volume-profit analysis, variable costing, contribution margins, relevant costing, performance evaluation of business units, transfer pricing and responsibility accounting for the planning, decision making and management control inside an organization. To complete a general knowledge of accounting and its usefulness in financial reporting and control the course also includes an introduction to auditing, attestation, corporate governance and the impact of Sarbanes Oxley Act on business organizations, plus an introduction to US taxation for individuals and corporations

ACCT 30100 01: Corporate Financial Reporting

3 credits, Liu

6/17 - 8/02 MTWR 10:30 AM-11:50 AM

CRN: 3698

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This one-semester course is designed for finance majors and others who wish to develop an advanced knowledge of financial reporting in the corporate environment. The course covers financial statement preparation and analyses with a focus on understanding financial accounting information from a user perspective. NOTE: FINANCE MAJORS WISHING TO SIT FOR THE CPA EXAM, PURSUE A MASTERS DEGREE IN ACCOUNTANCY, OR TAKE ADDITIONAL UPPER LEVEL ACCOUNTING COURSES MUST ENROLL IN ACCT 30110 AND ACCT 30120 INSTEAD.

BACM 30500 01: Conflict Management

1.5 credits, Collins

6/10 - 7/05 TR 6:30 PM-9:00 PM

CRN: 2874

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

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.

BALW 20150 01: Business Law: Contracts and Agency

3 credits, O'Brien

6/17 - 8/02 MTWR 8:55 AM-10:15 AM

CRN: 2486

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

BALW 20150 02: Business Law: Contracts and Agency

3 credits, O'Brien

6/17 - 8/02 MTWR 10:30 AM-11:50 AM

CRN: 3701

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 20150 01: Statistical Inference in Business

3 credits, Whitt

6/17 - 8/02 MWF 1:10 PM-3:00 PM

CRN: 4036

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Statistical Inference in Business focuses on using data to make sound inferences about a population based on sample data, especially in business contexts. More specifically, students will learn how to make inferences using test statistics and confidence intervals in contexts of multiple groups and/or multiple variables, with multiple regression and related methods heavily emphasized. Throughout the course, issues of sampling variability, research design, causality, and the assumptions and limitations of the methods are discussed. Students will supplement their conceptual understanding of the material using statistics software.

BAUG 35500 01: Internship Practicum

1 credit, Shropshire
6/17 - 8/02

CRN: 3483

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Internship credit for undergraduate students in the Mendoza College of Business who have secured an internship that relates directly to their major area of study. Requirements to receive this credit include submitting an application for credit before the internship begins, then submitting appropriate evaluations immediately following the internship. Per evaluation from the employer, students must complete the internship successfully to receive credit. Credit is granted by permission only and may not be repeated.

Note: Credit for BAUG 35500 does apply towards graduation credits in the Mendoza College of Business.

BAUG 35500 Internship Practicum credits do count towards degree-seeking credits in the Mendoza College of Business.

FIN 20150 01: Corporate Financial Management

3 credits, Spiess

6/17 - 8/02 MTWR 1:10 PM-2:30 PM

CRN: 3177

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This course is required for finance majors and a grade of "C" or higher is a prerequisite for continuing in the finance major. The course provides an in-depth and quantitative examination of the principles of financial decision-making. Students learn the concept of value maximization, mathematics of finance, valuation of financial securities, capital investment evaluation, the estimation of required rates of return, and the theory of capital structure.

FIN 30210 01: Managerial Economics

3 credits, Lead

6/17 - 8/02 TR 1:10 PM-4:00 PM

CRN: 3174

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/17 - 8/02 MW 1:10 PM-3:50 PM

CRN: 1654

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

MGT 20600 01: IT Management Applications

3 credits, Ghiaseddin

6/17 - 8/02 MWF 8:25 AM-10:15 AM

CRN: 2902

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This course will provide an introduction to the world of Information Technology Management. Students will attain a general understanding of opportunities and challenges in IT Management. This understanding will be achieved through online research and discussion of IT Management issues and business processes as well as hands-on use of common IT application tools. Microsoft Excel will be used to structure and solve general business problems, analyze what-if scenarios and solve complex business optimization problems while Microsoft Access will be used to introduce students to database concepts and structure. In addition, students will research and use an online website development tool in order to create a personal website. The capstone project for the course will involve working with team members to integrate acquired knowledge of IT applications in order to solve a complex business problem.

MGT 30220 01: Management Communication

1.5 credits, Collins

7/08 - 8/02 TR 6:30 PM-9:00 PM

CRN: 3699

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

Description: A principal challenge for every manager is to determine what sorts of arguments others will find persuasive. Communication is at the heart of what business is about: writing, speaking, and listening are skills that will permit you to succeed. We'll use case studies to examine authentic business problems and we'll offer coaching,

feedback, and peer review to develop the skills that executives, customers, employees, shareholders, the press, and the public find so valuable in a professional manager.

CHEMICAL AND BIOMOLECULAR ENGINEERING

Chair:

Edward J. Maginn, Ph.D.

Dept. Tel.: (574) 631-5687

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, Maginn

6/17 - 8/02

CRN: 1006

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Maginn

6/17 - 8/02

CRN: 2470

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 48999 01: Undergraduate Research Experience

0 credits, Maginn

6/17 - 8/02

CRN: 3857

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Registrar: This is a zero-credit course for students engaged in independent research or working with a faculty member of the University on a special project. No course work is required.

22 CHEMISTRY AND BIOCHEMISTRY

CBE 58991 01: Nonresident Thesis Research

1 credit
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Maginn

6/17 - 8/02

CRN: 1004

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

CBE 67690 01: Industrial Research Experience

Variable credits, Maginn

6/17 - 8/02

CRN: 1118

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

CBE 68901 01: Research and Dissertation

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and dissertation for resident doctoral students.

CBE 68991 01: Nonresident Dissertation Research

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/17 - 8/02

CRN: 2542

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

5/21 - 6/21 MTWRF 10:20 AM-12:15 PM

5/21 - 6/21 F 8:30 AM-10:00 AM

CRN: 2763

Last add date: 5/23

Drop dates: refund, 5/26; last, 6/05

Description: This class, generally taught in the Spring, is the first semester of a two-semester organic chemistry sequence intended for students in biological sciences and pre-professional studies. It is accompanied by laboratory work and by a tutorial section. The course provides a solid foundation in organic structure and bonding, spectroscopy, and Lewis acid/base reactions. These concepts are then applied to understand substitution and elimination reactions with a focus on mechanism and factors governing selectivity. A section of this course, taught in the Fall semester, is intended for chemical engineering students.

CHEM 11172 01: Organic Structure and Reactivity Laboratory

0 credits

5/21 - 6/21 MW 1:30 PM-5:00 PM

CRN: 2764

Last add date: 5/23

Drop dates: refund, 5/26; last, 6/05

Note: Laboratory fee.

Description: Experimental work to accompany CHEM 10172.

CHEM 20273 01: Organic Reactions and Applications

3 credits

6/24 - 7/26 MTWRF 10:20 AM-12:15 PM

6/24 - 7/26 F 8:30 AM-10:00 AM

CRN: 2765

Last add date: 6/26

Drop dates: refund, 6/30; last, 7/10

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

6/24 - 7/26 MW 1:30 PM-5:00 PM

CRN: 2766

Last add date: 6/26

Drop dates: refund, 6/30; last, 7/10

Description: Experiments to accompany CHEM 20273

CHEM 46497 01: Directed Readings

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

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

Variable credits, Lieberman
6/17 - 8/02

CRN: 2523

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

CHEM 78599 01: Thesis Direction

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and reading for master's students

CHEM 90697 01: Directed Readings

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and dissertation for resident doctoral students.

CHEM 98700 01: Nonresident Dissertation Research

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

CIVIL AND ENVIRONMENTAL ENGINEERING AND EARTH SCIENCES

Chair:

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

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

CIVIL ENGINEERING COURSES

CE 47600 01: Special Studies

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

CE 67600 06: Special Studies

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Westerink
6/17 - 8/02

CRN: 1587

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

CE 68610 06: Nonresident Thesis Research

Variable credits, Westerink
6/17 - 8/02

CRN: 1586

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Westerink
6/17 - 8/02

CRN: 1585

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and dissertation for resident doctoral students

CE 78610 06: Nonresident Dissertation Research

Variable credits, Westerink
6/17 - 8/02

CRN: 1584

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02

CRN: 1119

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This course requires 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 48600 07: Undergraduate Research

Variable credits
6/17 - 8/02

CRN: 3488

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

24 CLASSICS

ENVG 67600 01: Special Studies

Variable credits

6/17 - 8/02

CRN: 2531

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Staff. Permission required.

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

CLASSICS

Chair:

Elizabeth Mazurek, Ph.D.

Dept. Tel.: (574) 631-7195

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

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

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

GREEK

CLGR 10001 01: Beginning Greek I

4 credits, Long

6/10 - 7/05 MTWRF 8:45 AM-10:45 AM

6/10 - 7/05 MTWRF 11:10 AM-12:30 PM

CRN: 2919

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

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, Long

7/08 - 8/02 MTWRF 8:45 AM-10:45 AM

7/08 - 8/02 MTWRF 11:10 AM-12:30 PM

CRN: 2921

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

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, Baron

6/17 - 8/02 MTWR 10:30 AM-11:50 AM

CRN: 2439

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This second-year language course is designed for students who have taken one year of Beginning Greek or its equivalent. The course combines a review of grammar with careful reading of classical Greek authors including Lysias, Plato, and Homer. In addition to improving students' translating skills, this course introduces methods for studying Greek literature in its historical and cultural contexts, and it prepares students for more advanced work with a variety of ancient Greek literary genres. At the course's end students will be functioning independent readers of Greek.

CLGR 60001 01: Beginning Greek I

4 credits, Long

6/10 - 7/05 MTWRF 8:45 AM-10:45 AM

6/10 - 7/05 MTWRF 11:10 AM-12:30 PM

CRN: 2920

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

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, Long

7/08 - 8/02 MTWRF 8:45 AM-10:45 AM

7/08 - 8/02 MTWRF 11:10 AM-12:30 PM

CRN: 2922

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

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 60103 01: Intermediate Greek

3 credits, Baron

6/17 - 8/02 MTWR 10:30 AM-11:50 AM

CRN: 3710

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This second-year language course is designed for students who have taken one year of Beginning Greek or its equivalent. The course combines a review of grammar with careful reading of classical Greek authors including Lysias, Plato, and Homer. In addition to improving students' translating skills, this course introduces methods for studying Greek literature in its historical and cultural contexts, and it prepares students for more advanced work with a variety of ancient Greek literary genres. At the course's end students will be functioning independent readers of Greek.

LATIN & MEDIEVAL LATIN

CLLA 10001 01: Beginning Latin I

4 credits, Clemmons

6/10 - 7/05 MTWRF 8:45 AM-10:45 AM

6/10 - 7/05 MTWRF 11:10 AM-12:30 PM

CRN: 2923

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

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, Clemmons

7/08 - 8/02 MTWRF 8:45 AM-10:45 AM

7/08 - 8/02 MTWRF 11:10 AM-12:30 PM

CRN: 2926

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

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, Perett

6/17 - 8/02 MTWR 8:55 AM-10:15 AM

CRN: 2751

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Irving

6/17 - 8/02 MTWRF 9:15 AM-10:20 AM

CRN: 2872

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This introduction to the Latin language and literature of the late antique and medieval periods (fourth to fifteenth centuries) is designed both to introduce students to distinctive characteristics of medieval Latin, and to move students toward independent work with medieval Latin texts. Students will learn about developments in medieval Latin (morphology, syntax, vocabulary, orthography and pronunciation); practice close reading and accurate translation of a broad and representative selection

of medieval Latin texts (including examples of the following: Latin influenced by another language; administrative Latin; technical texts; scholastic Latin; Latin of various professions; narrative accounts; imitations of classical style; formal styles; rhymed prose; cursus; ornamented styles; rhymed and metric poetry); review and practice the principal constructions of classical Latin in order bolster confidence and accuracy in comprehension and translation; and be introduced to some of the areas and tools of medieval Latin philology, including lexica, bibliographies, important edited collections and repertoires of sources (printed and online) through exercises involving the use of these sources.

Note: 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 Latin Paleography for credit through the Medieval Institute at Notre Dame. Application details and eligibility information are available at medieval.nd.edu/summer-study/.

CLLA 40118 01: Latin Paleography

3 credits, Irving

6/17 - 8/02 MWF 1:10 PM-3:00 PM

CRN: 4150

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This introduction to the Latin language and literature of the late antique and medieval periods (fourth to fifteenth centuries) is designed both to introduce students to distinctive characteristics of medieval Latin, and to move students toward independent work with medieval Latin texts. Students will learn about developments in medieval Latin (morphology, syntax, vocabulary, orthography and pronunciation); practice close reading and accurate translation of a broad and representative selection of medieval Latin texts (including examples of the following: Latin influenced by another language; administrative Latin; technical texts; scholastic Latin; Latin of various professions; narrative accounts; imitations of classical style; formal styles; rhymed prose; cursus; ornamented styles; rhymed and metric poetry); review and practice the principal constructions of classical Latin in order bolster confidence and accuracy in comprehension and translation; and be introduced to some of the areas and tools of

medieval Latin philology, including lexica, bibliographies, important edited collections and repertoires of sources (printed and online) through exercises involving the use of these sources.

Note: 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 Latin Paleography for credit through the Medieval Institute at Notre Dame. Application details and eligibility information are available at medieval.nd.edu/summer-study/.

CLLA 60001 01: Beginning Latin I

4 credits, Clemmons

6/10 - 7/05 MTWRF 8:45 AM-10:45 AM

6/10 - 7/05 MTWRF 11:10 AM-12:30 PM

CRN: 2925

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

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, Clemmons

7/08 - 8/02 MTWRF 8:45 AM-10:45 AM

7/08 - 8/02 MTWRF 11:10 AM-12:30 PM

CRN: 2924

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

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

CLLA 60103 01: Intermediate Latin

3 credits, Perett

6/17 - 8/02 MTWR 8:55 AM-10:15 AM

CRN: 2752

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This course combines presentation of the remaining essentials of Latin grammar, reinforced through prose

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

COMPUTER APPLICATIONS

Coordinator:

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

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

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

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

There are no courses available this summer.

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
6/17 - 8/02 MTWRF 11:45 AM-12:55 PM

CRN: 2444

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/17 - 8/02 MTWRF 9:15 AM-10:20 AM
CRN: 3951

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Fundamental techniques in the design and analysis of non-numerical algorithms and their data structures. Elementary data structures such as lists, stacks, queues; more advanced ones such as priority queues and search trees. Design techniques such as divide-and-conquer. Sorting and searching and graph algorithms.

CSE 48900 01: Undergraduate Research

Variable credits
6/17 - 8/02
CRN varies with instructor
Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/17 - 8/02 MTWRF 11:45 AM-12:55 PM
CRN: 2863

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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 68900 01: Thesis Direction

Variable credits
6/17 - 8/02
CRN varies with instructor
Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Research to satisfy the six credit

hours required for the master's degree.

CSE 68901 01: Thesis Direction

Variable credits
6/17 - 8/02
CRN: 2496
Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Research to satisfy the six credit hours required for the master's degree.

CSE 68905 01: Nonresident Dissertation Research

1 credit
6/17 - 8/02
CRN varies with instructor
Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Required of nonresident master's degree students who are completing their theses in absentia and who wish to retain their degree status.

CSE 98900 01: Research and Dissertation

Variable credits
6/17 - 8/02
CRN varies with instructor
Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Research and dissertation for resident doctoral students.

CSE 98901 07: Research and Dissertation

Variable credits, Madey
6/17 - 8/02
CRN: 2515
Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Research and dissertation for resident doctoral students.

CSE 98995 01: Nonresident Dissertation Research

Variable credits
6/17 - 8/02
CRN varies with instructor
Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/17 - 8/02

CRN: 1012

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ECON 47950 01: Independent Laboratory Research

2 credits, Buckles
6/17 - 8/02

CRN: 2663

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ECON 47950 43: Independent Laboratory Research

Variable credits, Kim
6/17 - 8/02

CRN: 2787

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Independent study under the direction of a faculty member. Course requirements may include substantial writing as determined by the director. The director will disenroll a student early for failure to meet course requirements. Students who have been disenrolled or who have failed at the end of the first semester are disqualified

for Special Studies in the following term.

ECON 47960 31: Senior Honors Essay

3 credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 60790 01: Comprehensive Exam preparation

Variable credits, Pries
6/10 - 8/02

CRN: 3910

Contact department for add/drop dates.

Description: This course is to prepare graduate students for the comprehensive exams.

ECON 76911 01: Directed Readings

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ECON 77951 01: Research and Dissertation

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 01: Special Studies

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

EE 48499 01: Undergraduate Research

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

EE 48999 01: Undergraduate Research Experience

0 credits, Fuja
6/17 - 8/02

CRN: 3496

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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Description: This is a zero-credit course for students engaged in independent research or working with a faculty member or a member of the University staff on a special project. No course work is required.

EE 67001 01: Special Studies

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 01: Thesis Direction

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

EE 87061 01: Summer Research Education for Teachers

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

EE 87698 01: Special Studies

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

Variable credits, Fuja

6/17 - 8/02

CRN: 1821

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

EE 88699 01: Research and Dissertation

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and dissertation for resident doctoral students.

EE 88700 01: Nonresident Dissertation Research

Variable credits, Fuja

6/17 - 8/02

CRN: 1820

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ENGINEERING NONDEPARTMENTAL

Assistant Dean for Academic Affairs:

Catherine F. Pieronek, M.S.A.E., J.D.

College of Engineering

Dept. Tel.: (574) 631-5530

EG 48999 01: Research Experience for Undergraduates

0 credits, Hurley

6/17 - 8/02

CRN: 2642

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ENGLISH

Chair:

Valerie Sayers, Ph.D.

Dept. Tel.: (574) 631-7226

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

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

ENGL 20221 01: From Rome to Romance

3 credits, Eddy

6/17 - 8/02 MWF 1:10 PM-3:00 PM

CRN: 4149

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Geoffrey Chaucer may not have looked good in a toga, but that doesn't mean he didn't know his Roman myths. In the Middle Ages, authors looked to the classical period for poetic models, as well as for a fund of stories and myths ripe for their reuse through translation, adaptation and interpretation. In this class, we will explore some of the debt that the Middle Ages owes to the classical period, and how medieval authors used texts from classical Greece and Rome. Students will read a variety of classical texts, including selections from the Aeneid and Metamorphoses, and will then read medieval texts that reuse the same stories, framed in a new context, and so trace their influence up through the fourteenth century. The class is an introduction to some of the most important authors of classical Rome (Ovid, Virgil) and the Middle Ages (Chaucer, Gower, Guillaume de Lorris). Even more, though, students will come to understand the dependence of medieval authors on the classical tradition, as well as how adaptation and variation contributed to artistic creativity. The vast majority of assigned readings will be modern English translations of texts originally written in Latin, Old French, Middle English and even a little Old English. But students will be aware of the language of the originals, and in the case of the Middle English texts, will do work both inside and outside of class reading and translating this

medieval language into modern English. This course meets the ND University Literature Requirement.

ENGL 20323 01: The British Novel

3 credits, Thomas
6/17 - 8/02 TR 9:15 AM-12:00 PM
CRN: 2903

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Here we survey major British novels over a two-century time span, taking stock of key genre developments along the way. Proceeding chronologically, we begin by exploring how conventions of extended “realistic” prose narratives were established in the 1700s. Then we proceed up through the Romantic and Victorian periods, when the British novel reached a high point of social prominence, narrative variety, and sophistication. Finally, looking to the first decades of the 20th century, we see how Modernists fashioned radically new narrative approaches in an effort to move beyond the topical and literary constraints of the Victorian period. Likely readings include: Daniel Defoe, *Moll Flanders*; Mary Shelley, *Frankenstein*; Charlotte Bronte, *Jane Eyre*; Charles Dickens, *Great Expectations*; Bram Stoker, *Dracula*; Virginia Woolf, *Mrs. Dalloway*. Graded work includes short papers, classroom presentations, and a final exam.

ENGL 20545 01: The Modern British and Irish Short Story

3 credits, Smyth
6/17 - 8/02 MWF 1:10 PM-3:00 PM
CRN: 3924

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: This course will trace the generic development and changing structures of the short story form - there is more involved here than mere brevity - and will also provide a series of readings from the major British and Irish short story writers from the twentieth century. We will read from the short story theories of these individual authors, where such theory exists, and will examine the important connections between the form and the idea of a “national” literature. Writers will include: James Joyce, Frank O’Connor, Liam O’Flaherty, Mary Lavin, Kate Roberts, D.H Lawrence and Virginia Woolf.

ENGL 47999 01: Special Studies

Variable credits, Vanden Bossche
6/17 - 8/02

CRN: 1002

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Independent study under the direction of a faculty member.

ENGL 90110 01: English for Non-native Speakers

3 credits, Deane-Moran
6/17 - 8/02 MTWR 11:30 AM-1:00 PM
CRN: 3172

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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: Reading for Qualifying Exams

1 credit, Visconsi
6/17 - 8/02

CRN: 2661

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Directed readings for examinations in the doctoral program.

ENGL 97001 01: Special Studies

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Topics vary by semester.

ENGL 98000 01: Nonresident Thesis Research

1 credit, Visconsi
6/17 - 8/02

CRN: 1674

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

ENGL 98001 01: Thesis Direction

3 credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Research and writing on an approved subject under the direction of a faculty member.

ENGL 98600 01: Nonresident Dissertation Research

Variable credits, Visconsi

6/17 - 8/02

CRN: 1114

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Independent research and writing on an approved subject under the direction of a faculty member.

FILM, TELEVISION, AND THEATRE

Chair:

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

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

FTT 30405 01: Introduction to Film and Television Production

3 credits, Mandell
6/17 - 8/02 MWF 3:10 PM-5:00 PM
CRN: 2482

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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.

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FTT 40491 01: Entertainment and Arts Law

3 credits, Wilson

6/17 - 8/02 MW 6:30 PM-9:00 PM

CRN: 2686

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

FTT 45999 01: FTT Internship

Variable credits, Heisler

6/17 - 8/02

CRN: 3684

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

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

FTT 50000 01: How to Teach Film Across the Humanities

Variable credits, Collins

5/27 - 5/31 MTWRF 9:00 AM-5:00 PM

CRN: 2781

Last add date: 5/26

Drop dates: refund, 5/27; last, 5/29

Note: CRN 3209 Section 01 is for graduate students.

Description: This Summer course is intended for Notre Dame faculty and graduate students who would like to incorporate films into their courses but have hesitated to do so because they have had little or

no formal training in film studies. I have designed a week-long intensive course that will solve that problem by exposing seminar participants to the different pedagogical strategies they might use to incorporate films in their courses.

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

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

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

FTT 50000 02: How to Teach Film Across the Humanities

Variable credits, Collins

5/20 - 5/24 MTWRF 9:00 AM-5:00 PM

CRN: 2822

Last add date: 5/19

Drop dates: refund, 5/20; last, 5/22

Note: CRN 3255 Section 02 is for faculty only.

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

We will begin with a crash-course in close visual analysis because I think that's the chief source of anxiety. So I've got this image

up on the wall, what do I do with it? How do I get my students to be analytical about those images? Then we'll explore the various ways that really productive interdisciplinary study can be achieved through film analysis. How can we use films effectively to pursue aesthetic, political, philosophical, or theological issues? Most importantly, how can we talk about film as a "way of knowing" in what are increasingly visual cultures?

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

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

FTT 50505 01: Introduction to Film and Television Production

3 credits, Mandell

6/17 - 8/02 MWF 3:10 PM-5:00 PM

CRN: 2483

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/17 - 8/02 MW 6:30 PM-9:00 PM

CRN: 2687

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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:

David Gasperetti, Ph.D.
Dept. Tel.: (574) 631-5572

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

GE 60501 01: German Graduate Reading

3 credits, Gallagher
6/17 - 8/02 MTWR 8:55 AM-10:15 AM
CRN: 3743

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Intended as review for graduate students who wish to take the GRE in German. The final examination of the course, if passed, fulfills the requirements of the GRE.

GE 60501 02: German Graduate Reading

3 credits, Gallagher
6/17 - 8/02 MTWR 10:30 AM-11:50 AM
CRN: 3890

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Intended as review for graduate students who wish to take the GRE in German. The final examination of the course, if passed, fulfills the requirements of the GRE.

HISTORY

Chair:

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

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

HIST 30405 01: Europe from the French Revolution to World War I

3 credits
6/17-8/02 MWF 3:10 PM-5:00 PM
CRN: 4057

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: During this time Europe changed dramatically in ways that shaped the 20th century: political reform movements advocating nationalism, democracy, and socialism challenged established regimes; the industrial revolution led to massive changes in society and the economy, including the emergence of a large and affluent middle class and an industrial proletariat; European states consolidated power and mobilized popular support and an advanced technology for wars in Europe and throughout the world, into which they expanded as colonial powers; writers, artists and composers reacted to the changes and conflicts with novels, paintings, songs, and symphonies that, in their variety of styles, suggest the vitality and anxiety of this period.

HIST 30407 01: World War 2: A Global History

3 credits, Brady
6/17-8/02 MTWF 1:15 PM-2:35 PM
CRN: 4069

Last add date: 6/22
Drop dates: refund, 6/26; last, 7/11
Description: "The Second World War is the largest single event in human history, fought across six of the world's seven continents and all its oceans. It killed fifty million human beings, left hundreds of millions of others wounded in mind or body and materially devastated much of the heartland of civilization." The above quote, from historian John Keegan, summarizes the focus--and points to the significance--of this course. World

War II is an event that "defined an entire epoch in human history," according to historian Thomas Childers. This summer, we shall investigate the causes, course, and consequences of the greatest conflict in human history. The focus of the course will be global, addressing most of the geographic areas involved, the major diplomatic, political and military events, and some of the key figures of the war. Students are expected to actively participate in debates and discussions; to write two to three short papers, and to take a final exam. This course is open to all students and satisfies the university history requirement.

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

3 credits, Smyth
6/10-7/05 MTWRF 10:15 AM-12:15 PM
CRN: 4058

Last add date: 6/13
Drop dates: refund, 6/15; last, 6/23
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 30685 01: Abraham Lincoln's America, 1809-1865

3 credits, Graff
7/08-8/02 MTWRF 10:15 AM-12:10 PM
CRN: 4059

Last add date: 7/11
Drop dates: refund, 7/13; last, 7/21
Description: "Abraham Lincoln's America" will use the life of the republic's most celebrated president as a window to explore the transformations and continuities in American politics, cultures, economics, ideologies, and social life during the half-century ending in the cataclysmic Civil War. Using Lincoln's

32 HISTORY AND PHILOSOPHY OF SCIENCE

own experiences as a starting point - his poor upbringing, his family's frequent moves across the sectional borderlands, his self-motivation and professional ambition, his embrace of mass politics, and his rapid ascent to national leadership during the republic's greatest crisis - students will explore much more than the sectional struggle and the fight to save the Union from secession. Important topics will include the evolving struggles over the meanings of race, freedom, and slavery; the increasing commercialization of the economy and the forging of new class relationships and identities; migration, property-holding, and relations with Native Americans in the rural and small-town west; changing realities and conceptions of gender, family, childhood, and parental authority; the changing role of local and national governments and the rise of political parties and mass political participation; and the heated contests over nativity, religion, and citizenship. In short, Lincoln's personal experiences will be the entry into understanding American society as a whole during his life (1809-1865), and students will ponder the usefulness of biography to the larger historical project as well as the importance of memory and myth in the ways we repeatedly reconstruct the past.

HIST 40851 01: African-American Civil Rights Movement

3 credits, Pierce

6/10-7/05 MTWRF 10:15 AM-12:15 PM

CRN: 3853

Last add date: 6/13

Drop dates: refund, 6/15; last, 6/23

Description: There may not be a term in American society as recognized, and yet as misunderstood, as "Civil Rights." Often civil rights are conflated with human rights, even though each are distinct of the other. During the semester, we will trace the African-American Civil Rights Movement in the United States during the 20th century, as well as its lasting impact on American society. We will do so using as many media as possible. Fortunately, we will have the opportunity to study an important part of American history in significant detail. The time span we cover will not be that great, but the issues we investigate challenge the founding principles of American society to its core.

HIST 41000 01: History Lab Research

Variable credits

6/17-8/02

CRN varies with instructor

Last add date: 6/22

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

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

HIST 46000 01: Directed Readings in History

Variable credits

6/17-8/02

CRN varies with instructor

Last add date: 6/22

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

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

HIST 48000 01: Directed Research in History

Variable credits

6/17-8/02

CRN varies with instructor

Last add date: 6/22

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

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 86000 01: Directed Readings in History

Variable credits

6/17-8/02

CRN varies with instructor

Last add date: 6/22

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

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

HIST 98699 01: Research and Dissertation

Variable credits

6/17-8/02

CRN varies with instructor

Last add date: 6/22

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

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

HIST 98700 01: Nonresident Dissertation Research

Variable credits

Appleby

6/17-8/02

CRN: 3421

Last add date: 6/22

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

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

HISTORY AND PHILOSOPHY OF SCIENCE

Director:

Katherine Brading, Ph.D.

Program Tel.: (574) 631-5015

Students interested in the graduate lecture courses below will find additional information on the website for the History and Philosophy of Science Summer School Program for Secondary Teachers 2013 at reilly.nd.edu/HPS/Summer/About.aspx.

HPS 78599 01: Thesis Direction

Variable credits, Brading

6/17 - 8/02

CRN: 1241

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

HPS 78600 01: Nonresident Thesis Research

Variable credits, Brading

6/17 - 8/02

CRN: 1240

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Brading

6/17 - 8/02

CRN: 1545

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

HPS 98700 01: Nonresident Dissertation Research

Variable credits, Brading
6/17 - 8/02

CRN: 1544

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 phdliterature.nd.edu/

LIT 98600 01: Research & Dissertation

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research & Dissertation

LIT 9860101: Nonresident Research & Dissertation

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 23103 01: Modernity Rising: Faith, Reason, and the Good Life From Aquinas to Don Quixote

3 credits, Stapleford
6/17 - 8/02 TR 9:30 AM-12:10 PM

CRN: 3932

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: What are the limits to human reason? What can we know of the divine? What is the best way to live our lives and to order our society? In this course, students will wrestle with these questions by reading and discussing classic texts from the 13th to the 17th centuries, a time often described as the genesis of the modern world. Authors include Aquinas, Dante, Petrarch, Chaucer, Erasmus, Machiavelli, More, Montaigne, Luther, Teresa of Avila, and Cervantes. The course can satisfy the Arts & Letters College Seminar requirement for students outside the Program of Liberal Studies (PLS) and counts as the third Great Books Seminar for PLS students.

PLS 46000 01: Directed Readings

Variable credits
6/17 - 8/02

CRN: 2025

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02 MTWRF 1:25 PM-2:40 PM

CRN: 1239

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02 MTWRF 1:25 PM-3:05 PM

CRN: 2660

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02 MTWRF 1:25 PM-2:40 PM

CRN: 1238

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 10360 01: Calculus B

4 credits

6/17 - 8/02 MTWRF 1:20 PM-3:30 PM

CRN: 4032

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This is the second course of the two-semester Calculus sequence for Life and Social science majors. Calculus B emphasizes the process of problem solving and application of calculus to the natural sciences, and requires students to think deeper about the concepts covered. Students will acquire basic skills needed for quantitative approach to scientific problems.

The course introduces the mathematics needed to study change in a quantity. Topics include integration techniques, application of integrals to physics, geometry and ecology, solution of differential equations and their applications, and Taylor series.

MATH 10560 01: Calculus II

4 credits

6/17 - 8/02 MTWRF 1:20 PM-3:30 PM

CRN: 3822

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/17 - 8/02 MTWRF 8:45 AM-10:15 AM

CRN: 3183

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 46800 01: Directed Readings

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

MATH 68990 01: Research Education for Teachers - Dynamical Systems in MATLAB

3 credits, VanDenDriessche

6/17 - 8/02

CRN: 2583

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Registration limited to high school teachers participating in the mathematics summer RET program at Notre Dame. Teachers are expected to adapt the more elementary parts of the workshop for use in some of the mathematics courses that they are teaching.

MATH 86700 01: Directed Readings

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

MATH 88900 01: Research and Dissertation

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and dissertation for resident graduate students.

MATH 98900 01: Nonresident Dissertation Research

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 20182 01: From Rome to Romance

3 credits, Eddy

6/17 - 8/02 MWF 1:10 PM-3:00 PM

CRN: 4124

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Geoffrey Chaucer may not have looked good in a toga, but that doesn't mean he didn't know his Roman myths. In the Middle Ages, authors looked to the classical period for poetic models, as well as for a fund of stories and myths ripe for their reuse through translation, adaptation and interpretation. In this class, we will explore some of the debt that the Middle Ages owes to the classical period, and how medieval authors used texts from classical Greece and Rome. Students will read a variety of classical texts, including selections from the Aeneid and Metamorphoses, and will then read medieval texts that reuse the same stories, framed in a new context, and so trace their influence up through the fourteenth century. The class is an introduction to some of the most important authors of classical Rome (Ovid, Virgil) and the Middle Ages (Chaucer, Gower, Guillaume de Lorris). Even more, though, students will come to understand the dependence of medieval authors on the classical tradition, as well as how adaptation and variation contributed to artistic creativity. The vast majority of assigned readings will be modern English translations of texts originally written in Latin, Old French, Middle English and even a little Old English. But students will be aware of the language of the originals, and in the case of the Middle English texts, will do work both inside and outside of class reading and translating this medieval language into modern English. This course meets the ND University Literature Requirement.

MI 40004 01: Medieval Latin

3 credits, Irving
6/17 - 8/02 MTWRF 9:15 AM-10:20 AM
CRN: 2871

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: This introduction to the Latin language and literature of the late antique and medieval periods (fourth to fifteenth centuries) is designed both to introduce students to distinctive characteristics of medieval Latin, and to move students toward independent work with medieval Latin texts. Students will learn about developments in medieval Latin (morphology, syntax, vocabulary, orthography and pronunciation); practice close reading and accurate translation of a broad and representative selection of medieval Latin texts (including examples of the following: Latin influenced by another language; administrative Latin; technical texts; scholastic Latin; Latin of various professions; narrative accounts; imitations of classical style; formal styles; rhymed prose; cursus; ornamented styles; rhymed and metric poetry); review and practice the principal constructions of classical Latin in order bolster confidence and accuracy in comprehension and translation; and be introduced to some of the areas and tools of medieval Latin philology, including lexica, bibliographies, important edited collections and repertoires of sources (printed and online) through exercises involving the use of these sources.

Note: 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 Latin Paleography for credit through the Medieval Institute at Notre Dame. Application details and eligibility information are available at medieval.nd.edu/summer-study/.

MI 45001 01: Medieval Institute Summer Internship

0 credits
5/20 - 8/02
CRN varies with instructor

Last add date: 5/26
Drop dates: refund, 6/03; last, 6/26
Description: Summer internship performing research under faculty supervision.

MI 46020 01: Directed Readings-Undergrad

Variable credits, Constable

6/17 - 8/02
CRN: 1236

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Offers advanced undergraduate students a possibility to work closely with a professor in preparing a topic mutually agreed upon.

MI 50266 01: Hist of Medieval University
3 credits, Metzger

6/17 - 8/02
CRN: 1236
Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Offers advanced undergraduate students a possibility to work closely with a professor in preparing a topic mutually agreed upon.

MI 60004 01: Medieval Latin

3 credits, Irving
6/17 - 8/02 MTWRF 9:15 AM-10:20 AM
CRN: 2873

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: This introduction to the Latin language and literature of the late antique and medieval periods (fourth to fifteenth centuries) is designed both to introduce students to distinctive characteristics of medieval Latin, and to move students toward independent work with medieval Latin texts. Students will learn about developments in medieval Latin (morphology, syntax, vocabulary, orthography and pronunciation); practice close reading and accurate translation of a broad and representative selection of medieval Latin texts (including examples of the following: Latin influenced by another language; administrative Latin; technical texts; scholastic Latin; Latin of various professions; narrative accounts; imitations of classical style; formal styles; rhymed prose; cursus; ornamented styles; rhymed and metric poetry); review and practice the principal constructions of classical Latin in order bolster confidence and accuracy in comprehension and translation; and be introduced to some of the areas and tools of medieval Latin philology, including lexica, bibliographies, important edited collections and repertoires of sources (printed and online) through exercises involving the use of these sources.

Note: 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 Latin Paleography for credit through the Medieval Institute at Notre Dame. Application details and eligibility information are available at medieval.nd.edu/summer-study/.

MI 66020 01: Directed Readings-Grad

Variable credits
6/17 - 8/02 MTWRF 10:30 AM-11:50AM
CRN: 4128

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: With the exception of the great cathedrals, the university is the most emblematic, successful, and enduring legacy of medieval European civilization. As students and teachers at a university, we are confronted by this legacy every day. But the medieval university was quite different from its modern descendent. In this course we will study the origins, development, and growth of the universities of Europe from the twelfth until the end of the fifteenth century. We will focus principally on the universities of Bologna, Salerno, Paris, and Oxford but will also examine the spread of universities throughout Europe. To obtain a complete picture of the medieval university, we will consider the legal aspects of universities, the development and debates over curriculum and ideas, the circulation of ideas and universities' response to controversy, the influence and impact of new religious orders and religious movements, the daily life (often rambunctious) and careers of students and masters, the innovation of colleges, and finally, the role that political and religious institutions had on the university's development. To aid our understanding of this period and institution further, we will examine and learn about the university's most indispensable tool: manuscripts. This course is open to undergraduate AND graduate students.

MI 60005 01: Latin Paleography

3 credits, Irving
6/17 - 8/02 MWF 1:10 PM-3:00 PM
CRN: 4129

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: This introduction to the Latin language and literature of the late antique and medieval periods (fourth to fifteenth centuries) is designed both to introduce students to distinctive characteristics of medieval Latin, and to move students toward independent work with medieval Latin texts.

Students will learn about developments in medieval Latin (morphology, syntax, vocabulary, orthography and pronunciation); practice close reading and accurate translation of a broad and representative selection of medieval Latin texts (including examples of the following: Latin influenced by another language; administrative Latin; technical texts; scholastic Latin; Latin of various professions; narrative accounts; imitations of classical style; formal styles; rhymed prose; cursus; ornamented styles; rhymed and metric poetry); review and practice the principal constructions of classical Latin in order to bolster confidence and accuracy in comprehension and translation; and be introduced to some of the areas and tools of medieval Latin philology, including lexica, bibliographies, important edited collections and repertoires of sources (printed and online) through exercises involving the use of these sources.

Note: 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 Latin Paleography for credit through the Medieval Institute at Notre Dame. Application details and eligibility information are available at medieval.nd.edu/summer-study/.

MI 77001 01: Field Examination Preparation

Variable credits, Constable
6/17 - 8/02

CRN: 2441

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

MI 88001 01: Resident Dissertation Research

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

MI 88002 01: Nonresident Dissertation Research

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

MUSIC

Chair:

Louis MacKenzie, Ph.D.

Dept. Tel.: (574) 631-6211

Music Lessons

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

Course Offerings

MUS 10131 01: Introduction to Jazz

3 credits, Dwyer

6/17 - 8/02 MTWR 8:55 AM-10:15 AM

CRN: 1034

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

MUS 67900 02: Special Studies

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Individual study under personal

direction of a faculty member.

MUS 68900 02: Thesis Direction

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Planning and developing the master's thesis for M.A. students.

MUS 68901 02: Nonresident Thesis Research

1 credit

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/10 - 7/05 MTWRF 12:30 PM-2:30 PM

CRN: 1232

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

Description: A general introduction to philosophy, with emphasis on perennial problems such as the existence of God, human freedom, and moral obligation.

The course is also intended to sharpen the student's skills of critical thinking.

PHIL 20202 01: Existentialist Themes

3 credits, Rush

7/08 - 8/02 MTWRF 8:00 AM-9:55 AM

CRN: 3926

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

Description: This course focuses on writings from three main figures: Kierkegaard, Nietzsche, and Sartre. The contrast of aesthetic, ethical and religious views, as discussed from an existentialist perspective, is the main thematic focus of the course.

Students are advised to purchase texts in the editions that are on order for the course at the Notre Dame bookstore.

PHIL 20408 01: Philosophy of Law

3 credits, Warfield
6/10 - 7/05 MTWRF 10:15 AM-12:15 PM
CRN: 3927

Last add date: 6/12
Drop dates: refund, 6/14; last, 6/22
Description: A survey of foundational and practical philosophical topics arising in law and within legal systems. The course will sometimes be a broad survey but will on some occasions take a narrower focus on a set of related issues (examples: issues in criminal law; issues in constitutional law). The course will typically include a mix of theoretical and applied topics.

PHIL 20801 01: Philosophy of Religion

3 credits, Cross
6/10 - 7/05 MTWRF 2:45 PM-4:45 PM
CRN: 2825

Last add date: 6/12
Drop dates: refund, 6/14; last, 6/22
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 20805 01: Thought of Aquinas

3 credits, O'Callaghan
7/08 - 8/02 MTWRF 10:15 AM-12:10 PM
CRN: 3928

Last add date: 7/10
Drop dates: refund, 7/12; last, 7/20
Description: This course provides an overview of certain central teachings of St. Thomas Aquinas with attention particularly to philosophical topics touching upon theological questions. 1) Faith and reason and the ways to God; 2) Human nature, particularly soul, body, and the image of God; 3) Law and Virtue; 4) Nature and Grace.

PHIL 46497 01: Directed Readings

Variable credits
6/17 - 8/02
CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/17 - 8/02
CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Readings and discussion of chosen philosophical texts under the personal supervision of a member of the graduate faculty.

PHIL 98699 01: Research and Dissertation

Variable credits
6/17 - 8/02
CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Required of students in residence engaged in full-time dissertation research.

PHIL 98700 01: Nonresident Dissertation Research

Variable credits
6/17 - 8/02
CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/17 - 8/02
CRN: 2069

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/17 - 8/02

CRN: 1008

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
5/21 - 6/21 MTWRF 10:00 AM-12:10 PM
CRN: 1229

Last add date: 5/23
Drop dates: refund, 5/26; last, 6/05
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
6/24 - 7/26 MTWRF 10:00 AM-12:10 PM
CRN: 1228

Last add date: 6/26
Drop dates: refund, 6/30; last, 7/10
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 credits, Livingston
5/21 - 6/21 TR 1:30 PM-3:30 PM
CRN: 2494

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Last add date: 5/23

Drop dates: refund, 5/26; last, 6/05

Description: The laboratory is a corequisite for PHYS 30210

PHYS 31220 01: Physics II Laboratory

0 credits, Livingston

6/24 - 7/26 TR 1:30 PM-3:30 PM

CRN: 2493

Last add date: 6/26

Drop dates: refund, 6/30; last, 7/10

Description: The laboratory is a corequisite for PHYS 30220

PHYS 46490 01: Directed Readings

Variable credits

6/17 - 8/02

CRN: 1272

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Study of topics not covered or only briefly covered in other courses. Readings, problems and reports.

PHYS 46490 02: Directed Readings

Variable credits

6/17 - 8/02

CRN: 2535

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Study of topics not covered or only briefly covered in other courses. Readings, problems and reports.

PHYS 48480 01: Undergraduate Research

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 credits, Garg

5/28 - 8/02 W 12:00 PM-2:00 PM

CRN: 2877

Last add date: 6/02

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

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 68099 01: Directed Research

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/17 - 8/02

CRN: 2074

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

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

PHYS 68399 01: Directed Research in Atomic Physics

Variable credits, Tanner

6/17 - 8/02

CRN: 2071

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Note: Participants must have a minimum of bachelor's degree in physics or other

physical sciences, mathematics, or education; recommendation of Notre Dame's Research Experiences for Teachers (RET) program staff; and concurrence of research advisor.

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

PHYS 68499 01: Directed Research in Biophysics

Variable credits, Toroczka

6/17 - 8/02

CRN: 2072

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Note: Participants must have a minimum of bachelor's degree in physics or other physical sciences, mathematics, or education; recommendation of Notre Dame's Research Experiences for Teachers (RET) program staff; and concurrence of research advisor. Description: Directed research course for high school teachers (nondoctoral students) combining coverage of topics in biophysics with participation in experimental research in ongoing experiments conducted by biophysics faculty. Students will maintain a research logbook and submit a written research summary at the conclusion of the research period.

PHYS 68599 01: Directed Research in Condensed Matter Physics

Variable credits, Eskildsen

6/17 - 8/02

CRN: 2073

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Wayne
6/17 - 8/02

CRN: 2070

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02

CRN: 1009

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Note: Participants must have a minimum of bachelor's degree in physics or other physical sciences, mathematics, or education; recommendation of the Joint Institute for Nuclear Astrophysics program staff; and concurrence of research advisor.

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

PHYS 77031 01: Review of Fundamental Physics I

3 credits, Hyder, Griffith
6/03 - 6/28 MTWRF 9:00 AM-11:00 AM

CRN: 2649

Last add date: 6/05

Drop dates: refund, 6/07; last, 6/15

Description: Discussions of topics of current interest in physics.

PHYS 77032 01: Review of Fundamental Physics II

3 credits, Eskildsen, Newman
7/08 - 8/02 MTWRF 9:00 AM-11:00 AM

CRN: 3920

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

Description: Discussion of topics of current interest in physics. (Offered as needed)

PHYS 98699 01: Research and Dissertation

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and dissertation for resident graduate students.

PHYS 98700 01: Nonresident Dissertation Research

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

POLITICAL SCIENCE

Chair:

Michael Desch, Ph.D.

Dept. Tel.: (574) 631-5189

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

POLS 30050 01: Politics and the Human Condition

3 credits, Radcliff
7/08 - 8/02 MTWRF 2:45 PM-4:40 PM

CRN: 4148

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

Description: Political and social theorists have long speculated on how the political

organization of society affects the quality of human life. This course examines the fundamental question of how political factors affect material and subjective conditions of life. The class utilizes material from philosophy and literature, as well as the emerging social science of subjective well-being. This course fulfills a seminar requirement for the Political Science major.

POLS 30062 01: Civil Liberties and Civil Rights

3 credits, Kaplan
6/17 - 8/02 MTW 12:45 PM-2:35 PM

CRN: 3931

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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. This course fulfills a seminar requirement for the Political Science major.

POLS 45999 01: Summer Internship

3 credits, Arroyo
6/17 - 8/02

CRN: 3681

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Summer internships are an excellent way to explore career options, to gain valuable work experience and to build your resume. Students who have secured an unpaid summer internship can apply for academic credit by contacting the Director of Internships. To qualify for credit, internships must have prior approval, must be unpaid, be at least 6 weeks in duration and provide at least 100 hours of work.

POLS 46902 01: Directed Readings

Variable credits
6/17 - 8/02

CRN: 1067

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Students on the dean's list are eligible for independent study on a topic of the student's choice, under the supervision of a faculty member.

POLS 46902 02: Directed Readings

Variable credits
6/17 - 8/02

CRN: 1068

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Students on the dean's list are eligible for independent study on a topic of the student's choice, under the supervision of a faculty member.

POLS 66900 01: Directed Readings

3 credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Reading and research on specialized topics that are immediately relevant to the student's interests and not routinely covered in the regular curriculum. Letter grade given.

POLS 66903 01: Directed Readings

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Layman
6/17 - 8/02

CRN: 2421

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Preparation for comprehensive examination.

POLS 67951 01: Examination Preparation

0 credits, Layman
6/17 - 8/02

CRN: 3859

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Preparation for comprehensive examination.

POLS 78500 01: Field Research

Variable credits, Layman
6/17 - 8/02

CRN: 2847

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Layman
6/17 - 8/02

CRN: 2422

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

POLS 78600 27: Non-resident Thesis Research

Variable credits, Layman
6/17 - 8/02

CRN: 2423

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Layman
6/17 - 8/02

CRN: 1546

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Layman
6/17 - 8/02

CRN: 1547

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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:

James Brockmole, Ph.D.

Director of Undergraduate Studies:

Anré Venter, Ph.D.

Dept. Tel.: (574) 631-6650

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

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

PSY 26800 02: Directed Readings

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

PSY 27800 01: Research Lab

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 30600 01: Social Psychology

3 credits, Venter
6/10 - 7/05 MTWRF 8:00 AM-10:00 AM

CRN: 3779

Last add date: 6/12

Drop dates: refund, 6/14; last, 6/22

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

PSY 43362 01: Understanding Eating Disorders

3 credits, Corning
6/10 - 7/05 MTWRF 10:15 AM-12:15 PM
CRN: 4040

Last add date: 6/12
Drop dates: refund, 6/14; last, 6/22
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 60159 01: Advanced Issues in Statistics and Research Design

Variable credits, Yuan
6/17 - 8/02
CRN: 2045

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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, Monroe
6/17 - 8/02
CRN: 2870

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/17 - 8/02
CRN: 2295

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/10 - 7/05 MTWRF 10:15 AM-12:15 PM
CRN: 4041

Last add date: 6/12
Drop dates: refund, 6/14; last, 6/22
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

Variable credits, Monroe
6/17 - 8/02
CRN: 3050

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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

Variable credits
6/17 - 8/02
CRN: 3048

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Work with clients individually, in groups, and in field setting as a full-time counseling trainee.

PSY 78820 53: Thesis Direction

Variable credits, Clark
6/17 - 8/02
CRN: 3858
Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: For students doing work for a research master's degree, maximum of six hours allowed.

PSY 78841 01: Reading/Special Topics

Variable credits, Bergeman
6/17 - 8/02
CRN: 2223

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Topics and prerequisites to be specified by instructor.

PSY 78841 09: Reading/Special Topics

Variable credits, Gibson
6/17 - 8/02
CRN: 2848

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Topics and prerequisites to be specified by instructor.

PSY 78841 11: Reading/Special Topics

Variable credits
6/17 - 8/02
CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Topics and prerequisites to be specified by instructor.

PSY 98825 04: Research and Dissertation

Variable credits
6/17 - 8/02
CRN varies with instructor

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: For resident graduate students who have completed all course requirements for the Ph.D.; maximum of 12 hours allowed.

PSY 98826 30: Nonresident Dissertation Research

Variable credits, Smith
6/17 - 8/02
CRN: 3049

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: This research course is meant for non-resident doctoral students.

PSY 98826 37: Nonresident Dissertation Research

Variable credits, Pope-Davis
6/17 - 8/02
CRN: 3170

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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 Intermediate Spanish I and Intensive Beginning Italian. Students who have completed Spanish 10102 or who have placed into 20201 can complete their language requirement during the summer.

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

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

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

FRENCH

ROFR 46000 01: Directed Readings

3 credits

6/17 - 8/02

CRN: 3162

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ROFR 63050 01: French Graduate Reading

3 credits, Toumayan

6/17 - 8/02 MTWRF 9:15 AM-10:20 AM

CRN: 1139

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: A course designed to prepare students for the Graduate Reading Examination. No prerequisites. Open to undergraduate students by permission of the chair.

ROFR 63050 02: French Graduate Reading

3 credits, MacKenzie

6/17 - 8/02 MTWRF 9:15 AM-10:20 AM

CRN: 2639

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

6/17 - 8/02

CRN: 1080

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ROFR 66000 02: Directed Readings

Variable credits

6/17 - 8/02

CRN: 2844

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ROFR 67000 01: Special Studies

Variable credits

6/17 - 8/02

CRN: 3106

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Topics vary by semester.

ROFR 78599 01: Thesis Direction

Variable credits

6/17 - 8/02

CRN: 2495

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: For students doing thesis work for a research master's degree.

ITALIAN

ROIT 10115 01: Intensive Beginning Italian

6 credits, Vivirito

6/17 - 8/02 MTWRF 9:15 AM-11:35 AM

CRN: 2910

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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.

ROIT 60115 01: Intensive Beginning Italian

6 credits, Vivirito

6/17 - 8/02 MTWRF 9:15 AM-11:35 AM

CRN: 3161

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This course covers the material of ROIT 10101 and 10102 in one semester with classes five days per week. Equal emphasis is placed on spoken and written Italian. ROIT 10115 counts as two courses and may be taken in conjunction with ROIT 20201 or ROIT 20215 to fulfill the language requirement. This course is designed for highly motivated students and is especially useful for those planning to study abroad.

SPANISH

ROSP 20201 01: Intermediate Spanish I

3 credits

Coloma

7/08 - 8/02 MTWRF 10:15 AM-12:45 PM

CRN: 2909

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

Note: Note the following permitted prerequisite: Language Exam Score between 341 and 394.

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

ROSP 60201 01: Intermediate Spanish I
3 credits, Coloma
7/08 - 8/02 MTWRF 10:15 AM-12:45 PM
CRN: 3167

Last add date: 7/10
Drop dates: refund, 7/12; last, 7/20
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
6/17 - 8/02
CRN: 1005

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Specialized reading related to the student's area of study.

ROSP 66000 02: Directed Readings
Variable credits
6/17 - 8/02
CRN: 1011

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Specialized reading related to the student's area of study.

ROSP 76000 01: Directed Readings
3 credits
6/17 - 8/02
CRN: 1224

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Specialized reading related to the student's area of study.

ROSP 78599 01: Thesis Direction
Variable credits
6/17 - 8/02
CRN: 3487

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: For students doing thesis work for a research master's degree.

SCIENCE NONDEPARTMENTAL

Associate Dean:
Bei Hu, Ph.D.
Dept. Tel.: (574) 631-7738

SC 45999 01: Summer Research Internship
Variable credits
6/17 - 8/02
CRN: 3887

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: This course is intended to be an option for Notre Dame/St. Mary's students, or those from other universities, who wish to, or are required to, have an S/U-graded summer research experience identified as an "Internship." Departmental approval from one of the College of Science departments is required.

SC 48100 01: Research Experience for Undergraduates
0 credits, Hurley
6/17 - 8/02
CRN: 1401

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
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
6/17 - 8/02
CRN: 1001

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Times and inclusive dates variable depending on specific program elected by the student. Permission required.

SC 67100 01: Special Studies
Variable credits, Lappin
6/17 - 8/02
CRN: 1223

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: Times, inclusive dates and top-

ics 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 31 semester hours.

SOC 10002 01: Understanding Societies
3 credits, Donaldson
6/17 - 8/02 MTWR 8:55 AM-10:15 AM
CRN: 3934

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: The goal of this course is to introduce you to the discipline of sociology and the major questions that guide sociological research and study. We will examine how (often invisible or taken-for-granted) social forces of our everyday worlds influence our individual lives and life outcomes, yet, at the same time, how we as individuals help to create, maintain and transform the social world. We will focus on various types of social differences – race/ethnic, class, gender, etc. – as well as how these have developed and the impact they have on people in society. This course will introduce you to the sociological perspective or 'imagination' in examining social problems and issues, making the familiar unfamiliar and helping you critically examine what you experience in your day-to-day life.

SOC 20002 01: Understanding Societies
3 credits, Donaldson
6/17 - 8/02 MTWR 8:55 AM-10:15 AM
CRN: 3935

Last add date: 6/21
Drop dates: refund, 6/25; last, 7/10
Description: The goal of this course is to introduce you to the discipline of sociology and the major questions that guide sociological research and study. We will examine how (often invisible or taken-for-granted) social forces of our everyday worlds influence our individual lives and life outcomes, yet, at the same time, how we as individuals help to create, maintain and transform the social world. We will focus on various types of

44 SOCIOLOGY

social differences – race/ethnic, class, gender, etc. – as well as how these have developed and the impact they have on people in society. This course will introduce you to the sociological perspective or ‘imagination’ in examining social problems and issues, making the familiar unfamiliar and helping you critically examine what you experience in your day-to-day life.

SOC 20502 01: Today’s Organizations

3 credits, Gunty

6/17 - 8/02 MWF 8:25 AM-10:15 AM

CRN: 3936

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Throughout our lives we participate in and interact with many different types of organizations: hospitals, schools, businesses, government agencies, religious institutions. However, our understanding of these organizations is often limited. We may see what they do, but it is often difficult to see how organizations do these things and why they do them. Broadening our understanding of organizations can facilitate our ability to both negotiate our way through organizations and restructure organizational activities. The objective of this course is to increase your ability to understand today’s organizations by (1) exploring different ways of looking at and thinking about organizations and (2) developing your skill at “reading” real organizational situations. Because today’s organizations are multi-faceted entities we will look at organizations from many different angles: as machines, organisms, brains, culture, political systems, psychic prisons, instruments of domination, and as flux and transformation. Throughout the course active learning is stimulated by organizing class sessions around discussions of cases (including video cases) and using cooperative learning groups. Upon completion of the course you will be able to (1) analyze organizations from multiple perspectives and (2) imagine alternative ways of organizing activities.

SOC 20541 01: Sociology of War and Terror

3 credits, Faeges

7/08 - 8/02 MTWRF 10:15 AM-12:10 PM

CRN: 3675

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

Description: This course offers a broad introduction to the sociology of wars, terror, and communal violence, including their

causes, conduct, and consequences. We will consider the basic social forces which impel people to kill and to risk death in the name of their societies.

Films and other videos will make up a major part of our source material - both for class preparation and in class use - as they are particularly apt for illustrating the nature and course of wars. We will mix lectures and discussions of various topics (including the authenticity of “war movies”).

We will survey the manifold characteristics of societies that contribute to and are affected by war and terror: politics; economics; religion; culture; demographics; the environment; gender; race, ethnicity, and nationalism; social movements; and social psychology. This course requires no background in sociology, but will introduce you to the sociological approach to explaining people’s behavior and to many basic sociological concepts and tools. Grades will be based on brief quizzes, participation, and a final exam. The course is open to students in any major who are interested in armed conflict in social life. It can be counted for the Arts & Letters Social Science requirement or as an elective.

SOC 30019 01: Sociology of Sport

3 credits, Welch

6/17 - 8/02 TR 1:00 PM-3:45 PM

CRN: 2440

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 43512 01: The Global Sociology of Discontent

3 credits, Velitchkova

7/08 - 8/02 MTWRF 10:15 AM-12:10 PM

CRN: 3676

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

Description: From Egypt’s Tahrir Square

to Wall Street, citizens are taking their discontent with capitalists and governments to the streets. This course explores how global, domestic, and personal factors combine to influence street politics. We will build on social movement and collective action theories and on theories of globalization to address the following questions: What are some causes of political discontent in today’s world? When does discontent lead citizens to protest? What is the role of social networks and new technologies in contemporary protest movements? When do citizens pursue non-violent or violent tactics and how likely are these tactics to succeed? We will draw insights from social movements across the globe.

SOC 76097 01: Directed Readings in Sociology

Variable credits, Carbonaro

6/17 - 8/02

CRN: 2239

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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, Carbonaro

6/17 - 8/02

CRN: 1222

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Reserved for the six-credit-hour thesis requirement of the master’s degree.

SOC 78600 01: Nonresident Thesis Research

Variable credits, Carbonaro

6/17 - 8/02

CRN: 1221

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: For master’s degree students.

SOC 98699 01: Research and Dissertation

Variable credits, Carbonaro

6/17 - 8/02

CRN: 1220

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: For resident graduate students who have completed all course requirements for the Ph.D.

SOC 98700 01: Nonresident Dissertation Research

Variable credits, Carbonaro
6/17 - 8/02

CRN: 1219

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: For non-resident graduate students who have completed all course requirements for the Ph.D.

SOC 98999 01: Visiting Research-Non Credit

0 credits, McVeigh
6/17 - 8/02

CRN: 3477

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This is a zero-credit course for visiting students engaged in research with a faculty member during 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.

THEOLOGY

Summer M.A. Director:

Catherine R. Cavadini, 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 300 or better in both the verbal and analytic sections or 4/6 in the writing 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: Students 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 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 17–July 5, 2013; Module 2: July 8–July 26, 2013). 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, Martin
6/17 - 8/02 MTWR 10:30 AM-11:50 AM
CRN: 3937

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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.

THEO 10002 01: Foundations of Theology: Biblical and Historical

3 credits
6/17 - 8/02 MTWR 10:30 AM-11:50 AM
CRN: 3938

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 20619 01: Rick, Poor, and War

3 credits, Whitmore
6/17 - 8/02 MTWRF 4:00 PM-5:05 PM
CRN: 4085

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This course examines the interrelationships between economic injustice and violence. It begins by investigating the gap between rich and poor both in the US

and worldwide. We also look at the history of Christian thought on wealth and poverty. We then address the ways in which economic disparity intersects with the problem of violence in both domestic (violence against women) and political realms (war and revolution). Next, we canvass Christian thought on the use of violence. This raises the question of whether Christianity itself contributes more to violence or to peace. Finally, we pose the question of whether forgiveness for violence is advisable or feasible.

THEO 20894 01: The Christian Experience: Vocation and the Theological Imagination

3 credits, O'Malley
6/03 - 6/13 MTWRF 9:00 AM-5:00 PM
CRN: 3849

Last add date: 6/02

Drop dates: refund, 6/04; last, 6/08

Note: Please contact the Theology office at theo@nd.edu for departmental approval to register.

Description: This course provides an entrée into the theological foundations of Christian vocation through considering the transformation of human experience by means of the theological imagination. That God calls is an objective fact of revelation. How human beings perceive and appropriate this call is an entirely different matter. Thus, this course considers both the central images of Christian salvation history from creation to eschatology, as well as how these images were appropriated in the lived experience of Christianity. This course is designed to assist Notre Dame undergraduates who are preparing to work as "Mentors-in-Faith" within Notre Dame Vision.

THEO 30025 01: Facilitating Growth in Faith

1 credit, Delorenzo
6/17 - 7/19 MTWR 8:00 AM-10:00 PM
6/17 - 7/19 F 8:00 AM-2:00 PM
CRN: 2487

Last add date: 6/18

Drop dates: refund, 6/23; last, 7/03

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

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a field education integrative seminar, this course will include interactive lectures, small group discussion sessions, and case study work on topics having to do with mentoring others in their personal and communal growth in faith and in their awareness of how to live their Christian vocations. Related theological topics include Christological and pneumatological perspectives on discipleship, grace, conversion, evil and human suffering, prayer, living the sacramental/liturgical life of the Church, becoming the Body of Christ, discerning the presence and action of God in our lives, and giving witness to faith in service and justice.

THEO 46001 01: Directed Readings

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

THEO 48001 01: Undergraduate Research

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: **Varies with instructor.**

Variable credit.

THEO 60021 01: Intensive Intermediate Hebrew

6 credits

6/17 - 7/26 MTWR 8:50 AM-12:00 PM

CRN: 4084

Last add date: 6/20

Drop dates: refund, 6/24; last, 7/06

Notes: Must have taken Elementary Hebrew I and II.

Description: This six-week intensive course builds upon material covered in Elementary Hebrew I & II, namely Lambdin's Introduction to Biblical Hebrew. While a portion of each class will be spent reviewing basic grammar, our efforts this summer will focus on the preparation, oral reading, and translation of biblical passages, principally the books of Ruth, Jonah, and selected passages from the Psalms, Ezekiel, and Isaiah. In the last instance, we will have the chance to practice reading an unpointed original text: the Great Isaiah Scroll (1QIsaa).

THEO 60108 01: Wisdom Literature/ Psalms

3 credits

6/17 - 7/05 MTWRF 3:15 PM-5:55 PM

CRN: 3939

Last add date: 6/18

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

Description: This course will examine writings found in the Hebrew Bible and Apocrypha that scholars commonly assign to the wisdom genre. The primary canonical exemplars of this type of literature are Proverbs, Job, and Ecclesiastes. To this group, some have added Esther and the Song of Songs. Ecclesiasticus, Wisdom, and (in the opinion of certain commentators) Judith -- all of which are extra-canonical works -- also belong to this genre. In addition to these books, the presence of wisdom motifs has also been detected in other parts of the Bible (e.g., Genesis, the Psalter, and Daniel).

THEO 60114 01: Pauline Letters (BS)

3 credits, Tatum

7/08 - 7/26 MTWRF 3:15 PM-5:45 PM

CRN: 3940

Last add date: 7/09

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

Description: The purpose of this course is to restore his real personality to Paul, who is most often understood as fountain of theological ideas. This will involve a somewhat detailed reconstruction of the world in which he lived, with specific concern for the influences that formed him, and the controversies that forced him to think more deeply. His letters will be studied in the order in which they were written with a view to dating and explaining the emergence of his key theological ideas. The required readings are: J. Murphy-O'Connor, Paul. A Critical Life (Oxford: Clarendon Press, 1996). Paperback edition ISBN 0-19-285342-2. The Cambridge Companion to St Paul (ed. J.D.G. Dunn; Cambridge: Cambridge University Press, 2003). Paperback edition ISBN 0-521-78694-0.

THEO 60221 01: Catechesis: History & Theory

3 credits, Baumbach

6/17 - 7/05 MTWRF 12:20 PM-3:00 PM

CRN: 2864

Last add date: 6/18

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

Description: Catechesis aims "to put people not only in touch, but also in

communion and intimacy, with Jesus Christ" (General Directory for Catechesis 80, quoting Catechesi Tradendae 5; cf. National Directory for Catechesis, 19B). What is catechesis and how does catechesis pursue this aim in contemporary parish life? What are some dimensions of catechesis as demonstrated during selected periods in the history of the church (e.g., influence of the baptismal catechumenate historically and today)? This course will enable students to explore catechesis from selected historical and contemporary perspectives, to gain awareness of developments in practice and in theoretical approaches, and to acquire and demonstrate a working familiarity with contemporary catechetical literature. Readings will include a variety of sources from antiquity to the present. Students will be encouraged to apply these sources to issues in parish catechetical leadership today.

THEO 60222 01: Christian Doctrine/ Catechists

3 credits, Cavadini

7/08 - 7/26 MTWRF 12:30 PM-3:00 PM

CRN: 2865

Last add date: 6/18

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

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

7/08 - 7/26 MTWRF 12:30 PM-3:00 PM

CRN: 3941

Last add date: 7/09

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

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 60292 01: Contemplation, Contemplative Life and Contemplative Prayer

3 credits, Egan

7/08 - 7/26 MTWRF 8:30 AM-11:00 AM

CRN: 3942

Last add date: 7/09

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

Description: In an era when the church has called for a New Evangelization, significant voices claim that the church must become a more contemplative church, a more listening church where life, prayer and ministry come under the guidance of the Holy Spirit. Vatican II broke with a religious culture that too often seemed to reserve holiness to the few. *Lumen gentium*, Chapter Five, changed all that when it proclaimed its "Universal Call to Holiness."

This course explores the holiness tradition as it discovered that prayer, liturgical and personal, involves in some form contemplation, the contemplative life and contemplative prayer as well as the practice of meditation. These elements will be investigated as they are reported in the Hebrew Scriptures, that is, in the practice of *haga* in the Psalms and as well in what the major theophanies of these scriptures reveal about the divine encounters of Moses and Elijah. The intent of this course is to gather from the Judeo-Christian tradition a theological understanding of meditation and contemplation in the twenty-first century.

The prayer of Jesus of Nazareth will be explored especially for how this prayer bespeaks a connection with the contemplative tradition. Classical moments in the patristic era will be sampled with selections from Origen, Gregory of Nyssa (*Life of Moses*—full text), Pseudo-Dionysius in the

East and from the West Augustine, John Cassian and Gregory the Great.

For the Medieval era there will be selections from Bernard of Clairvaux, Guigo II (*Ladder of the Monks*), Thomas Aquinas and John Gerson along with the full text of *The Cloud of Unknowing*.

From the sixteenth century selections from Ignatius of Loyola, Teresa of Avila and John of the Cross with a selection in the seventeenth century from Madame Guyon. From the recent and contemporary eras, selections from Garrigou-Lagrange, Thomas Merton, Thomas Keating and John Main as well

The designation selections above indicate excerpts from the various authors.

THEO 60294 01: Early Church Christology

3 credits, Hofer

7/08 - 7/26 MTWRF 3:15 PM-5:45 PM

CRN: 3943

Last add date: 7/09

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

Description: This course examines texts from key figures of early Christianity whose thinking has profoundly influenced the way Christians believe in and celebrate the mystery of Jesus Christ. Such thinkers include Irenaeus, Athanasius, Gregory of Nazianzus, Augustine of Hippo, Cyril of Alexandria, Leo the Great, and Maximus the Confessor. Special attention will be given to the interpretation of Sacred Scripture within the Christological controversies, in the arguments of what should be considered heretical and what should be considered orthodox. The teachings of the ancient ecumenical councils on Christ are examined and considered for their significance today.

THEO 60295 01: Spiritual Autobiography

3 credits, Heintz

6/17 - 7/05 MTWRF 8:30 AM-11:10 AM

CRN: 3944

Last add date: 6/18

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

Description: This course will involve a careful, critical, and reflective reading of works that might be classified as "spiritual autobiography" in the Christian theological tradition. Examining these "self-presentations" as theological fonts, this course will introduce students to this genre and an understanding

of each work in its historical and theological context. Particular attention will be given to the presentation of life as a "journey" with emphasis on those experiences which advance the person in his or her relationship with God. The roles of divine and human action located in experiences such as grace, sacramental action, self-examination, prayer, and good works will inform the way in which the course considers progress in the life stories. To that end, students will survey seminal texts in spiritual autobiography to consider and compare the way in which writers have come to express their movement into life or union with God.

THEO 60404 01: Eucharist

3 credits, Driscoll

7/08 - 7/26 MTWRF 3:15 PM-5:45 PM

CRN: 3945

Last add date: 7/09

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

Description: <i>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.</i>The goal of this course is a comprehensive understanding of the nature and development of the Christian Eucharist. In order to accomplish this end an examination of both the structure and the content of the eucharistic liturgy will be undertaken. A positive theological method will be employed whereby the Eucharist will be studied from an historical perspective, after which a systematic theological reflection upon various aspects will be undertaken with a commentary on contemporary theory and practice.

THEO 60405 01: Liturgical Prayer

3 credits, McGowan

6/17 - 7/05 MTWRF 12:20 PM-3:00 PM

CRN: 3946

Last add date: 6/18

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

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

THEO 60416 01: Liturgical Theology

3 credits, Fagerberg

7/08 - 7/26 MTWRF 8:30 AM-11:00 AM

CRN: 3947

Last add date: 7/09

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

Description: This course will detail how Christian theology is rooted in the liturgy's

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lex orandi. We will begin by defining the method and scope of liturgical theology (especially using Schmemmann, Kavanagh, and Taft). We will then apply this to catechetics, asceticism, ecclesiology, and spirituality.

Looking at specific topics in liturgical theology and some of the influential authors in the liturgical movement of this century, the student will arrive at a framework for relating the liturgical life of the body of Christ with ministry that leads to and flows from it.

THEO 60419 01: Liturgical History

3 credits, Johnson

6/17 - 7/05 MTWRF 3:15 PM-5:55 PM

CRN: 3948

Last add date: 6/18

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

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 60456 01: Writing with Light: Painting a Byzantine Icon

2 credits

7/22 - 7/26 MTWRF 12:30 PM-5:30 PM

CRN: 4056

Last add date: 7/21

Drop dates: refund, 7/22; last, 7/24

Description: The course introduces the student to the theory and practice of the art of Icon Painting, according to the Byzantine Tradition. The basic ideals and principles of the Theory of Byzantine Painting will be presented in relation to Patristic Iconology, on which the art of Iconography is founded. The main aim of the course is to introduce participants to the traditional process of painting an icon with the use of the Egg tempera technique. Students are called to make an icon during the five day course.

THEO 60614 01: Catholic Social Teaching

3 credits, Pfeil

6/17 - 7/05 MTWRF 12:20 PM-3:00 PM

CRN: 3949

Last add date: 6/18

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

Description: This course involves close reading of the official documents of Catholic social teaching from *Rerum Novarum* to *Centesimus Annus*. Emphasis is on intense seminar discussion. Students do a number of shorter analyses of the documents.

THEO 60631 01: Medical Ethics

3 credits, Camosy

7/08 - 7/26 MTWRF 8:30 AM-11:00 AM

CRN: 4065

Last add date: 7/09

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

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 60806 01: Ecclesiology

3 credits, Colberg

6/17 - 7/05 MTWRF 12:30 PM-3:00 PM

CRN: 3693

Last add date: 6/18

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

Description: This course examines the development of the Church from both theological and historical perspectives. It seeks to assist students in constructing and refining critical principles of interpretation that apply directly to the mystery, mission, ministries and structure of the Church. Of central concern are the questions of how the Church has understood its mission at various points in its history and what developments have impacted this understanding. Strong emphasis is placed on the theological developments that have occurred before, during and after the Second Vatican Council as these periods saw critical development in the Church's self-understanding.

THEO 60847 01: Pastoral Theology

2 credits, Poorman

7/08 - 7/26 TWRF 3:10 PM-5:15 PM

CRN: 2866

Last add date: 7/09

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

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

3 credits, Poorman

7/08 - 7/26 MTWRF 12:30 PM-3:00 PM

CRN: 2867

Last add date: 7/09

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

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

4 credits, Ashley, Gutierrez
6/17 - 6/28 MTWRF 8:30 AM-11:10 AM
6/17 - 6/28 MTWRF 6:30 PM-8:30 PM
CRN: 4064

Last add date: 6/17

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

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 60867 01: Thomas Merton on the Spiritual Life (ST, HC, SS)

3 credits, Cunningham
6/17 - 7/05 MTWRF 8:30 AM-11:10 AM
CRN: 3950

Last add date: 6/18

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

Description: This course will introduce the student to the life and spiritual vision of the Cistercian writer Thomas Merton (1915-1968). We will focus mainly on Merton's attempt to communicate his vision of contemplation in a world of action. Readings will be drawn from his *New Seeds of Contemplation* as well as his personal journals abridged in *The Essential Merton* and some of Merton's selected essays found in *Thomas Merton: Spiritual Master*. The course requirements, in addition to the reading of the assigned texts for each day and class readiness in discussion, will be a weekly paper of roughly five typed pages the topic of which will be determined by the needs and interests of those who take the course.

THEO 66001 01: Directed Readings

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

THEO 68802 01: Comprehensive Review

1 credit, Ashley
7/08 - 7/13 MTWRF 6:00 PM-7:30 PM
CRN: 3166

Last add date: 7/07

Drop dates: refund, 7/08; last, 7/10

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 60930 01: Young Adult Ministries

2 credits,
7/29 - 7/31 MTW 8:00 AM-12:00 PM
7/29 - 7/31 MT W 1:15 PM-5:15 PM
CRN: 4066

Last add date: 7/28

Drop dates: refund, 7/28; last, 7/29

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 DeVries, 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 78599 01: Thesis Direction

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: For students doing thesis work for a research master's degree.

THEO 78600 01: Nonresident Thesis Research

1 credit
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

THEO 86001 01: Directed Readings

Variable credits
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

THEO 87002 01: Preparing for Academic Career

1 credit, Wawrykow
6/03 - 6/07 MTRF 1:00 PM-4:00 PM
CRN: 2484

Last add date: 6/02

Drop dates: refund, 6/03; last, 6/05

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.

52 THEOLOGY

THEO 98699 01: Research and Dissertation

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and dissertation for resident doctoral students.

THEO 98700 01: Nonresident Dissertation Research

Variable credits

6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

SCHOOL OF ARCHITECTURE, INTERNATIONAL PROGRAMS

Dean:

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

Summer programs offered through the School of Architecture offer unique learning opportunities for students to apply what they are learning to a real world context. Recent foreign studies programs have taken place in China, Japan, Cuba, Portugal, Greece, Italy, and the United Kingdom. In 2013 there will be a China program. For further information, contact Cindy DuBree (574) 631-8437 or Barbara Panzica (574) 631-4699, 110 Bond Hall.

COLLEGE OF ENGINEERING, ALCOY PROGRAM

Director:

Michael Kitz

On-Site Director:

Scott Morris

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 19-June 28) will consist of two three-credit courses. Students register in the University of Notre Dame summer session for AME 45530: Wind Turbine Performance, Control and Design and EG 34440: Probability and Statistics. 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:

Michael Kitz
Director, University of Notre Dame
International Summer Engineering
Programs
224 Cushing Hall
University of Notre Dame
Notre Dame, IN 46556

AME 44530 01: Wind Turbine Performance, Control and Design

3 credits, Morris

5/19 - 6/28

CRN: 4119

Last add date: 5/22

Drop dates: refund, 5/26; last, 6/08

Description: The course develops the fundamental concepts and theories that can be used to design an efficient wind turbine. To accomplish this task one must know the following; understand the properties of the wind resource from which the power is to be extracted, understand the blade design features and aerodynamics that yields an efficient rotor, know how to control the blade loading during gusting winds to reduce fatigue problems, and to be able to use active control to enhance turbine performance when operating below the rated wind speed. The control portion of the course will focus on various control strategies including passive control techniques as well as distributed active flow control devices and strategies. Students will have an opportunity to develop a conceptual design of a wind turbine for a specified wind distribution.

EG 34440 01: Probability and Statistics - Alcoy

3 credits, Morris

5/19 - 6/28

CRN: 2777

Last add date: 5/22

Drop dates: refund, 5/26; last, 6/08

Note: This course is equivalent to MATH

30440 and ACMS 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:

Michael Kitz

On-Site Director:

Michael Kitz, 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 20-June 28) will consist of two three-credit courses. Students register in the University of Notre Dame summer session for EG 44175: Ethical and Professional Issues in Engineering and EG 44421: Integrated Engineering and Business Fundamentals. Both courses will take advantage of the locale and include topics related to British Professional practice.

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

Housing and Meals. Students will be housed in flats at Conway Hall, 51-55 Waterloo Road, London SE1 8TX in the South Bank area of London's West End. Each flat has bath and cooking facilities. Flats vary somewhat in size, typically housing six to ten 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.

54 OFFICE OF INTERNATIONAL STUDIES

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:

Michael Kitz
Associate Director
Integrated Engineering and Business
Curriculum
College of Engineering
University of Notre Dame
224 Cushing Hall
Notre Dame, IN 46556
Telephone (574) 631-2950

EG 44175 01: Ethical and Professional Issues in Engineering - London

3 credits, Bowyer
5/20 - 6/28

CRN: 4120

Last add date: 5/23

Drop dates: refund, 5/27; last, 6/08

Description: This course seeks to develop a solid foundation for reasoning about the difficult ethical, professional, and social controversies that arise in the engineering field. Emphasis is placed on identifying the appropriate legal and professional context and applying sound critical thinking skills to a problem. Topics covered include relevant professional codes of ethics, encryption/privacy/surveillance, freedom of speech, "cracking" of computer systems, development of safety-critical software, whistle blowing, and intellectual property. This course relies heavily on case studies of real incidents, both historical and current.

EG 44421 01: Integrated Engineering and Business Fundamentals - London

3 credits, Brauer, Alworth
5/20 - 6/28

CRN: 2927

Last add date: 5/23

Drop dates: refund, 5/27; last, 6/08

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 busi-

ness 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 2013 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; Uganda/Rwanda, and Jerusalem, Israel. The application deadline for these programs is February 6, 2013, with the exception of Uganda and Jerusalem. Please check the OIS website for more information on the application deadlines and program specific questions – <http://international.nd.edu/international-studies/students/>.

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, Hong Kong, Beijing, and Shanghai)

May 16 - June 23, 2013

This program is designed to provide students with the opportunity to explore, experience, and examine business and culture in China today. Students will travel to Taiwan, Hong Kong, Beijing, and Shanghai. The program will include lectures, presentations by guest professors and business leaders, as well as visits to both international and Chinese companies and sites of historic and

cultural significance. Students will take two 3-credit courses during the six-week program Business Management in China (3 credits) will be taught by Professor Jasmine Hu; Chinese Culture: Tradition and Transformation (3 credits) will be taught by Professor Xiaoshan Yang. Both courses will be taught in English; there is no language requirement for this program.

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

Dublin, Ireland

May 26 – July 6, 2013

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 students will enroll in two complementary classes, each counting for three ND credits. Kevin Whelan, Director, Notre Dame's Dublin Centre, will teach Introduction to Ireland. This course will explore the broad political, cultural, economic and social history of the island of Ireland from the eighteenth to the twenty-first century. The second course will be taught by P.J. Mathews, a Professor of Literature at University College Dublin, titled: Reading the Irish Revival (1891-1939). The course will examine the Irish Revival as a dynamic moment in modern Irish Literature in which key literary figures like Yeats, Lady Gregory, Synge, and Joyce worked to make Ireland a center of cultural innovation once again. The significance of the Revival to Ireland's decolonisation and debates over an Irish national literature will provide a central focus.

The cost of the program is approximately \$5,000. This fee includes tuition, housing, health insurance, local transportation, field trips, cultural activities, and partial meal plan. Participants will make their own flight arrangements and be responsible for most of their own lunches and a few dinners. Students will be housed in new state of the art student housing at University College Dublin.

London, England

May 15 – June 27, 2013

The Notre Dame academic building is located on Suffolk Street next to the National Gallery just off Trafalgar Square and the residence facilities are located in self-contained flats in Conway Hall in this program, which in 2013 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 15 – June 27, 2013. Courses will be selected from a number of different disciplines and fulfilling various major and/or University requirements including:

- ARHI 34489: London as Art Capital (Fulfills Fine Arts Requirement)
- ARHI 34570: Masterpieces: Making and Meaning (Fulfills Fine Arts Requirement)
- ENGL 44420/ GSC 44255: London Writers (Fulfills LIT Requirement)
- FTT 34207/ENGL 44236: Shakespeare in London (Fulfills Fine Arts Requirement)
- HIST 34414: The British Empire, 1760-1965: An Exercise in Globalization? (Fulfills History Requirement)
- MARK X4XXX: International Marketing: The View from London
- PHIL 24529: British Moral Philosophy (Fulfills 2nd Philosophy Requirement)
- THEO 24842: Sin, Grace and Free Will (Fulfills 2nd THEO Requirement)

The 2013 fee will be approximately \$7,500. The program fee covers transportation costs – international air travel from our East coast gateway city and group transfer from Heathrow Airport to residence facilities and return. The program also covers all residence costs and health insurance. Students will

receive a weekly stipend to defray cost of meals. Additionally, the program provides admission fees that are part of courses. Participants are responsible for the costs associated with weekend activities that may be organized by the residential staff, performance admission costs that are not part of courses, and personal spending.

Paris, France

June 3 – July 15, 2013

The Office of International Studies partners with IES Abroad, a not-for-profit academic consortium, to offer summer programs led by Notre Dame faculty members. Students will enroll in two courses each worth three Notre Dame credits. Professor, Alison Rice, will teach ROFR 34950, “Postcolonial Paris: Contemporary French Cultures in Literature and the Arts,” a course that satisfies the University Literature requirement. Students will also enroll in an Art History course, ARHI 24542 “History of Paris in Architecture and Art.” This course satisfies the University Fine Arts Requirement. Students will receive Notre Dame credit for these courses and they will count towards the GPA. Both courses will be taught in English; there is no language requirement for this program.

Students will live in apartments with small kitchenettes.

The cost of the program is approximately \$5,370. This fee includes tuition, housing, health insurance, local transportation, field trips, light breakfast at a local café, a few group 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 27, 2013

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 27, 2013, for a total of eight weeks in the summer. The Chinese language courses meet for a total of four hours each day, five days per week. Students will receive a total of 160 hours of Chinese language instruction. Class size is small, ranging from 2 – 12 students

per class. The small class size enhances individualized attention to students’ learning needs. Classmates may include other Notre Dame students and Language Center students, who are primarily from Europe and Southwest Asia.

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

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

Toledo, Spain

June 15 – July 27, 2013

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 “Human Rights and Social Justice through Latin American Literature and Film” (ROSP 34901) taught by Professor Thomas F. Anderson, Dr. William M. Scholl Professor of Latin American Literature. The class will be structured around geographical areas, with approximately equal time divided among the Hispanic Caribbean, the Andean Region and the Amazon, the Southern Cone, and Central America. For each class students will read literary texts and related secondary readings and films that deal specifically with human rights issues such as torture, poverty, economic exploitation, women’s and children’s rights, racism, religious and cultural oppression, etc.

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, 2013.

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 Pe nitencia Residence, a beautiful example of Renaissance and Mudejar architecture with its peaceful inner courtyard and arched balconies.

The Summer Toledo 2013 fee is \$6,470 and \$7,500 for students who wish to live with a host family. This includes tuition, 6 Notre Dame credits, full room and board, complete health insurance coverage, a \$200 Notre Dame administrative fee, 3 one-day excursions and 1 guided visit to Toledo, bus from and to the airport, and extra-academic activities (cena rompehielos with Spanish students, flamenco dancing classes, Spanish cooking lessons, voluntary work in the community, conversational exchanges, etc.). Airfare between the United States and Spain is not included.

Uganda/Rwanda

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

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

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

Students reside with host families during one week of their stay in Kampala or Gulu and for two weeks in Kigali. Additional housing is provided at hotels or guest houses. Most meals are included in the program fee. While in homestays, students will have breakfast and dinner with their host families. Students are responsible for their travel.

SIT arranges to meet them at the airport. During the homestay period, students use taxis to get to and from the university for which they receive a stipend. Although the program is administered by SIT, students will be billed by the University's Office of Student Accounts. The program fee will be approximately \$8,700 plus airfare and a Notre Dame administrative charge. The fee includes tuition, room and board, excursions, and most transportation while abroad, including an administrative fee. Specific program information is available at <http://international.nd.edu/international-studies/students/international-studies-locations/summer-uganda/>.

Jerusalem, Israel

May 20 – June 30, 2013

Participants in the program will spend 6 weeks in the Holy Land studying a wide range of religious, political, and cultural issues. Students will approach these issues mainly through two courses. The first course, "The Church of All Nations: Ecumenism & Interreligious Dialogue in the Holy Land," is taught by Hannah Hemphill and Brian Barrett and will fulfill the second University Theology requirement. The second course is, "The Israel-Palestine Conflict" and is taught by Professor Asher Kaufman. This course fulfills a University History requirement. Both courses are 3 credit hours and include a variety of guest lectures. Both courses are taught in English; there is no language requirement for this program.

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

The cost of the program is approximately \$7,200. This fee includes tuition, room and board, airfare from an East Coast gateway city to Tel Aviv, several group excursions (with some meals included), health insurance, group transfer between Tel Aviv Airport and Tantur, and an ND administra-

tive fee. Students will be responsible for travel to the gateway city, textbooks, and personal spending.

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

Director:

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

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

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

THE IRISH SEMINAR, : CONTEMPORARY IRISH POETRY

Dates: 07/08/2013 - 07/27/2013

Centre Culturel Irlandais, Paris France

IRST 64099 01: Irish Seminar:

Contemporary Irish Poetry

3 credits, O'Conchubhair, Clowry

7/08 - 7/27

CRN: 3770

Last add date: 7/09

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

Note: Cross-listed as ENGL 94513, CRN 4186

Description: Irish poetry, from early lyrics composed in the sixth century to l'amour courtois and dánta grá of the Middle Ages to eighteenth-century love songs, has often pulsed to a distinctive European rhythm. In

recognizing the diversity and hybridity of Irish Studies and the extensive geographical spread of the Irish Diaspora, the IRISH SEMINAR 2013 returns to Paris to explore contemporary Irish poetry by convening leading international critics and public intellectuals together with doctoral students and junior faculty from across the globe for a three-week intensive exploration and assessment of contemporary Irish poetry. This three-week series of formal public lectures, colloquia, presentations, tutorials and workshops offers participants an opportunity to discuss and exchange ideas with world renowned academics, scholars, critics and poets at the Irish College, Paris.

The fifteenth annual IRISH SEMINAR offers selected participants an intellectual infrastructure for scholarly collaboration, balancing the theoretically rich with the empirically rigorous as well as a supportive environment that nurtures young scholar. The focus on contemporary poetry allows for a detailed exploration of established Irish poets as well as emerging talents and voices. Among the subjects the renowned faculty will address at the IRISH SEMINAR 2013 are: Collette Bryce, Moya Cannon, Ciarán Carson, Harry Clifton, Ian Duhig, Leonita Flynn, Alan Gillis, Vona Groarke, Michael Hartnett, Seamus Heaney, Thomas Kinsella, Michael Longley, Derek Mahon, Medbh McGuckian, Paula Meehan, Máire Mhac an tSaoi, John Montague, Sinéad Morrissey, Paul Muldoon, Nuala Ní Dhomhnaill, Conor O'Callaghan, Caitríona O'Reilly and Derry O'Sullivan among others as well as canon formation, the role of translations and the influence of music and literary forms on Irish poetry.

In addition to cultural events that explore Ireland's links with Paris, the IRISH SEMINAR 2013 offers formal lectures, intimate workshops and informal opportunities to discuss their research and dissertations with recognized authorities and acknowledged experts on contemporary Irish poetry. Participants will have an opportunity to present their research as part of a one-day symposium and to interact with Notre Dame faculty and guest lecturers including some of Irish Studies' leading intellectuals and scholars.

Confirmed speakers include: TBC – Carle Bonafou-Murat, Matthew Campbell, Patricia Coughlin, Jefferson Holdridge, Declan Kiberd, Barry McCrea, Bríona Nic Dhiarmada, Clíona Ní Ríordáin, Brian Ó Conchubhair, Derry O'Sullivan, Helen Vendler & Clair Wills.

For more information and to join our mailing list contact eclowry@nd.edu

Executive Director: Brian Ó Conchubhair
Directors: Seamus Deane, Christopher Fox, Patrick Griffin, Declan Kiberd, Barry McCrea, Bríona Nic Dhiarmada, Robert Schmuhl.

LAW SCHOOL - LONDON LAW PROGRAM

Co-Directors:

Prof. Geoffrey Bennett &
Prof. Stephen J. Cribari

Program dates:

July 1 – August 7

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/international/
study-in-london/summer-program/](http://law.nd.edu/international/study-in-london/summer-program/)

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 2013 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

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and European collections of the Middle Temple Library.

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 6 courses providing a total of 12 hours of academic credit will be offered in the summer of 2013. A student may enroll in courses up to a maximum of six hours of credit. Auditing of courses is allowed with the permission of the particular faculty member and with the written approval of the director. The program runs for six weeks. Classes begin on Monday, July 1, and end on Friday, August 2. Examinations are scheduled between Aug. 5 and Aug. 7. 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, 2013, is eligible for the program. A completed registration form will be construed as a certification that the applicant meets the requirements and will advise the program director of any change in academic status. To be officially enrolled in the Notre Dame Summer London Law Program, each student is required to submit

to the Admissions Office a letter of good standing from the student's law school.

Applications must be received no later than April 1, 2013. 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 2013 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	\$3,800
Transportation (Roundtrip airfare: Chicago to London)	\$1,300
Transportation: U.K.	\$1,000
Room	\$2,000
Food	\$645
Books and Supplies	\$240
Entertainment and Personal	\$300
TOTAL	\$9,285

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

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

PAYMENT SCHEDULE

Registration fee (\$50) with application due by April 1, 2013.

Tuition (\$3,800) due by 5/13/13.

Participants in the program who are relying on loan assistance to meet the costs will be exempted from the tuition payment deadline if evidence of a loan commitment is provided by the deadline dates.

ADMINISTRATION AND FACULTY

Prof. Geoffrey Bennett, Notre Dame Law School, is the director of the Summer London Law Program.

Other faculty members are expected to be as follows:

Prof. Stephen J. Cribari
St. Lawrence University, B.A. Catholic University, J.C.L., J.D.

Prof. David Gregory
Kingston University Law School, South London

Prof. Susan Hawker
Guildhall University, London

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

Prof. Katherine Reece-Thomas
City University, London

HOUSING

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

Each student has his/her room furnished with a bed, chair, desk and wardrobe; bedding and towels are provided. The rooms are arranged in separate flats which have shared bathroom and kitchen facilities. The residence complies with current UK law regarding access for persons with disabilities. In addition, the student housing is monitored by the Notre Dame Facilities manager to ensure that it continues to comply with both disability and related health and safety

requirements. Meals are not included in the price of the room as the accommodation is self-catering. There are a wide range of shops and restaurants nearby. The building is equipped with Wi-Fi.

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

Summer London participants residing in Conway Hall may check in on Saturday, June 29. Students must vacate their rooms by noon on Thursday, August 8.

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 <http://www3.nd.edu/~ndlaw/london/summer/application.pdf>.

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
7/01 - 8/02 MTWR 11:30 AM-12:40 PM
Description: This course examines the vital role of law in contemporary international society; the nature and sources of international law; the relationship between international law and municipal law; international personality; states and non-state actors; dispute settlement; the use of force and peace-keeping; the United Nations system; jurisdiction and immunities; diplomatic law;

terrorism; human rights; treaties and state succession; state responsibility and foreign investment protection; law of the sea; and international environmental law.

LAW 74402 01: Law of Cultural Heritage

2 credits, Cribari
7/01 - 8/02 TWRF 10:15 AM-11:25AM
Description: Art and antiquities cause problems. Private collectors and museum directors and curators and boards of trustees, professional and amateur archaeologists, scholars and academics, politicians and legislators and military commanders, native cultures, indigenous peoples, religious groups, conservers and restorers – all have interests in the rare and the beautiful.

Those interests may be artistic or scientific, economic, political, cultural or religious. Art and antiquities are also commodities. They can be owned or possessed, loaned or sold, stolen or looted, legally or illegally exported and imported. This summer we will consider a variety of these interests by discussing questions such as should the Elgin Marbles or the Rosetta Stone be in the British Museum, Greece or Egypt? How do countries use their cultural property laws to take down, or erect, cultural and political barriers? Should we protect cultural property during conflict and, if so, how? Do antiquities, like art, have independent artistic value or are they only worth what they are worth for scientific study? What ethical obligations guide museum directors and art restorers? How should we resolve Holocaust-Era art claims? This will be accomplished through readings, lectures, field trips, and the writing of a final research paper/essay (approximately 20 pages) on a subject relevant to the course and approved by the instructor.

LAW 74450 01: Criminal Procedure

2 credits, Cribari
7/01 - 8/02 TWRF 9:00 AM-10:10 AM
Description: In its 2008 and 2009 terms, the Supreme Court decided over a dozen cases significantly affecting fourth, fifth and sixth amendment jurisprudence, and decided them according to jurisprudential approaches that illustrate the Court's doctrinal split over the relationship of the fourth, fifth and sixth amendments to an adversarial criminal justice system in which the government and the defendant are represented by skilled (?) counsel. Is it a constitution we are expounding? See *M'Culloch v. Maryland*, 17 U.S. 316 (1819), in the light of the knowledge we

gain from the mistakes we make, see *Graham v. Florida*, USSCT No. 08-7412 (May 17, 2010) (Stevens, J., concurring: “Knowledge accumulates. We learn, sometimes, from our mistakes . . .”), or does the Bill of Rights “consign this Nation to a static legal existence,” *McDonald v. Chicago*, 561 U.S. ____ (2010) (Stevens, J., dissenting at 55)? In light of these recent developments, the goal of this course is to provide a basic familiarity with the theory, doctrine and practice of the fourth, fifth and sixth amendments and the Court’s jurisprudential approaches to Constitutional decision-making in this area. We will cover search and seizure, self-incrimination/involuntary confessions, the right to counsel, and the role of counsel generally in the adversarial system.

LAW 74451 01: English Legal System

2 credits, Gregory

7/01 - 8/02 TWRF 10:15 AM-11:25 AM

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

LAW 74453 01: Carriage of Goods by Sea

2 credits, Hawker

7/01 - 8/02 MTWR 2:00 PM-3:10 PM

Description: This course looks at the carriage of goods in international trade. We live in a world in which the transportation of goods is a fundamental part of both international and domestic business, and litigation in respect of these carriage disputes is inevitable. The course is based on English Law, with comparisons made with practice under other jurisdictions where appropriate. English law is frequently chosen to govern shipping contracts, the common law nature of English law allowing for judicial “creativity.” We see, therefore, the development of this area of contract law, which aims to meet the needs of those involved with the international shipment of goods. The course predominately covers 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

7/01 - 8/02 MTWR 12:45 PM-1:55 PM

Description: This course introduces students to the legal system of the European Union (EU). Emphasis will be placed on the constitutional, administrative and commercial law of the EU. The topics that will be discussed in this course include the political and economic origins of the EU, its institutional structures (with emphasis on the European Court of Justice), the Union (Maastricht) Treaty, the interrelationship between EU law and the laws of the twenty-seven member states, and the four fundamental freedoms: free movement of goods, workers, services and capital. The course will concentrate on the transnational protection of economic and social rights and the jurisprudence of the European Court of Justice.

LAW 74465 01: International Business Law

2 credits, Moens

7/01 - 8/02 MTWR 2:00 PM-3:10 PM

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

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 credits, Collier, Cummings, Doyle
 6/03-6/07 MTWRF 10:15 AM-11:45 AM
CRN: 3517

Contact department for add/drop dates.
 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
 6/03-6/07 MTWRF 1:30 PM-4:00 PM
CRN: 3519

Contact department for add/drop dates.
 Description: An introduction for elementary school teachers to the meaning and practice of contemporary teaching, including class-

room organization and management, and to historical highlights in public and Catholic education.

EDU 60024 01: Introduction to Teaching - Middle School

1 credit, Doyle
 6/03-6/07 MTWRF 1:30 PM-4:00 PM
CRN: 3520

Contact department for add/drop dates.
 Description: An introduction for middle school teachers to the meaning and practice of contemporary teaching, including classroom organization and management, and to historical highlights in public and Catholic education.

EDU 60026 01: Introduction to Teaching - High School

1 credit, Moreno, Doyle
 6/03-6/07 MTWRF 1:30 PM-4:00 PM
CRN: 3521

Contact department for add/drop dates.
 Description: An introduction for high school teachers to the meaning and practice of contemporary teaching, including classroom organization and management, and to historical highlights in public and Catholic education.

EDU 60040 01: Introduction to Computers in Education

1 credit, Large, Doyle
 6/03-6/06 MTWR 6:00 PM-7:55 PM
 6/10-6/14 MTWRF 8:00 AM-9:55 AM
CRN: 3522

Contact department for add/drop dates.
 Description: An introduction to instructional computing via hands-on experience with productivity/instructional software. Introduction to social, moral and technological issues of educational computing through literature, lecture, and discussions.

EDU 60040 02: Introduction to Computers in Education

1 credit, Demmon, Doyle
 6/03-6/06 MTWR 6:00 PM-7:55 PM
 6/10-6/14 MTWRF 8:00 AM-9:55 AM
CRN: 3524

Contact department for add/drop dates.
 Description: An introduction to instructional computing via hands-on experience with productivity/instructional software. Introduction to social, moral and technological issues of educational computing through literature, lecture, and discussions.

EDU 60040 03: Introduction to Computers in Education

1 credit, Large, Doyle
 6/03-6/06 MTWR 8:00 PM-9:55 PM
 6/10-6/14 MTWRF 10:00 AM-11:55 AM
CRN: 3526

Contact department for add/drop dates.
 Description: An introduction to instructional computing via hands-on experience with productivity/instructional software. Introduction to social, moral and technological issues of educational computing through literature, lecture, and discussions.

EDU 60040 04: Introduction to Computers in Education

1 credit, Demmon, Doyle
 6/03-6/06 MTWR 8:00 PM-9:55 PM
 6/10-6/14 MTWRF 10:00 AM-11:55 AM
CRN: 3528

Contact department for add/drop dates.
 Description: An introduction to instructional computing via hands-on experience with productivity/instructional software. Introduction to social, moral and technological issues of educational computing through literature, lecture, and discussions.

EDU 60060 01: Teaching in Catholic Schools

1 credit, DeFra, Doyle
 6/10-7/22 M 3:10 PM-5:15 PM
CRN: 4060

Contact department for add/drop dates.
 Description: An overview of six core topics of Catholic teaching along with a discussion of their influence and impact on Catholic school culture and teaching

EDU 60070 01: Teaching Religion in Catholic Schools

1 credit, Manning, Doyle
 6/10-7/22 M 3:10 PM-5:15 PM
CRN: 3531

Contact department for add/drop dates.
 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, Erickson, Doyle
 6/11-6/27 TWR 1:10 PM-3:00 PM
 7/02-7/03 TW 1:10 PM-3:00 PM
 7/16-7/18 TWR 1:10 PM-3:00 PM
 7/23-7/24 TW 1:10 PM-3:00 PM
CRN: 3532

Contact department for add/drop dates.

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
6/10-7/22 M 1:10 PM-3:00 PM

CRN: 3536

Contact department for add/drop dates.
Description: Readings on the theories for and practice in the strategies to construct traditional and performance assessments in the elementary language arts classroom. The ability to analyze the results in terms of stated unit goals, to reflect on the effectiveness of the unit planning, and to adjust future units to reteach core knowledge and skills will be emphasized.

EDU 60132 01: Mathematics in Elementary Education

2 credits, Hart, Doyle
7/09-7/24 TWR 3:10 PM-5:40 PM
7/12-7/19 F 1:10 PM-3:40 PM

CRN: 3537

Contact department for add/drop dates.
Description: The effective use of teaching materials and strategies in the elementary classroom (K-6) for the teaching of mathematics. Readings will be selected from the National Council of Teachers of Mathematics.

EDU 60142 01: Language Arts in Elementary Education

2 credits, Doyle, Burish
7/01-7/02 MT 3:10 PM-5:10 PM
7/03-7/03 W 1:10 PM-3:10 PM
7/08-7/11 MTWR 3:10 PM-5:10 PM
7/12-7/19 F 1:10 PM-3:10 PM
7/18-7/18 R 3:10 PM-5:10 PM
7/22-7/24 MTW 3:10 PM-5:10 PM

CRN: 3538

Contact department for add/drop dates.
Description: An integrated approach to literacy instruction designed to help children make sense of the world through literacy expression. The unit template for planning is used to provide structure and process for inclusion of all language arts elements including grammar, spelling, writing, phonics, lit-

erature, 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
6/10-6/27 MTWR 3:10 PM-5:00 PM
6/21-6/21 F 3:10 PM-4:40 PM
6/28-6/28 F 1:10 PM-2:40 PM

CRN: 3539

Contact department for add/drop dates.
Description: A program of reading that will enable participants to develop effective units of study that integrate reading, writing, mathematics, social studies and science. Readings will be selected from the publications of the major professional associations in elementary curriculum.

EDU 60182 01: Teaching of Reading

3 credits, Maletta, Doyle
6/11-6/27 TWR 3:10 PM-5:15 PM
6/14-6/28 F 1:10 PM-3:15 PM
7/02-7/03 TW 3:10 PM-5:15 PM
7/09-7/11 TWR 12:55 PM-3:00 PM
7/12-7/12 F 1:10 PM-3:15 PM

CRN: 3540

Contact department for add/drop dates.
Description: An exploration of the research and instructional strategies of reading instruction including emergent literacy, reading readiness, phonemic awareness, phonics, word recognition, vocabulary development, fluency, cultural literacy, and reading comprehension, as well as particular strategies for reading remediation.

EDU 60204 01: Introduction to Middle School Teaching

3 credits, Mayotte, Doyle
6/11-7/03 TWRF 1:10 PM-3:00 PM
7/08-7/19 TWRF 1:10 PM-3:00 PM
7/23-7/24 TW 1:10 PM-3:00 PM

CRN: 3545

Contact department for add/drop dates.
Description: An introduction to the culture and dynamics of the middle school classroom. Central to the course is instructional planning that emphasizes unit planning based on goals derived from state standards and assessments which measure student progress in meeting these goals. Lesson planning based on unit goals focuses on an integrative survey of strategies and methods that lead to effective daily instruction.

EDU 60256 01: Introduction to High School Teaching

3 credits, Doyle
6/11-7/03 TWRF 1:10 PM-3:00 PM
7/08-7/18 TWRF 1:10 PM-3:00 PM
7/23-7/24 TW 1:10 PM-3:00 PM

CRN: 3547

Contact department for add/drop dates.
Description: An introduction to the culture and dynamics of the high school classroom. Central to the course is instructional planning that emphasizes unit planning based on goals derived from state standards and assessments that measure student progress in meeting these goals. Lesson planning based on unit goals focuses on an integrative survey of strategies and methods that lead to effective daily instruction.

EDU 60312 01: Exceptionality in Childhood

3 credits, Husby, Doyle
6/10-7/03 MTWR 8:00 AM-10:00 AM
7/08-7/11 MTWR 8:00 AM-10:00 AM

CRN: 3549

Contact department for add/drop dates.
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
6/10-7/03 MTWR 8:00 AM-10:00 AM
7/08-7/11 MTWR 8:00 AM-10:00 AM

CRN: 3551

Contact department for add/drop dates.
Description: A survey in exceptionality with emphasis on the middle grades child is followed by in-depth study of the common learning problems in the middle school, especially reading, writing and mathematics disability. Both teaching strategies and assessment are considered

EDU 60336 01: Exceptionality in Adolescence

3 credits, Doyle
6/10-7/03 MTWR 8:00 AM-10:00 AM
7/08-7/11 MTWR 8:00 AM-10:00 AM

CRN: 3553

Contact department for add/drop dates.
Description: A survey in exceptionality with emphasis on the high school student is followed by in-depth study of the common

learning problems in the high school, especially reading, writing and mathematics disability. Both teaching strategies and assessment are considered.

EDU 60452 01: Child Development and Moral Education

3 credits, Power, Doyle
6/10-7/03 MTWRF 10:10 AM-11:55 AM
7/08-7/11 MTWR 10:10 AM-11:55 AM
CRN: 3555

Contact department for add/drop dates.
Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on childhood.

EDU 60455 01: Development and Moral Education in Adolescence

3 credits, Brandenberger, Doyle
6/10-7/03 MTWRF 10:10 AM-11:55 AM
7/08-7/11 MTWR 10:10 AM-11:55 AM
CRN: 3561

Contact department for add/drop dates.
Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on early and late adolescence.

EDU 60455 02: Development and Moral Education in Adolescence

3 credits, Lapsley, Doyle
6/10-7/03 MTWRF 10:10 AM-11:55 AM
7/08-7/11 MTWR 10:10 AM-11:55 AM
CRN: 3564

Contact department for add/drop dates.
Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on early and late adolescence.

EDU 60455 03: Development and Moral Education in Adolescence

3 credits, McNeil, Doyle
6/10-7/03 MTWRF 10:10 AM-11:55 AM
7/08-7/11 MTWR 10:10 AM-11:55 AM
CRN: 3566

Contact department for add/drop dates.
Description: A systematic treatment of the cognitive, social, biological, and personality development relating to education and an

examination of the theoretical and research bases of moral development and their implications for the classroom, with an emphasis on early and late adolescence.

EDU 60605 01: English/Language Arts Education I

2 credits, Burke, Doyle
6/11-6/27 TWR 3:10 PM-4:40 PM
7/02-7/03 TW 3:10 PM-4:40 PM
7/09-7/24 TWR 3:10 PM-4:40 PM
CRN: 3567

Contact department for add/drop dates.
Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of English and current research and theory.

EDU 60625 01: Social Studies Education I

2 credits, Collier, Doyle
6/11-6/27 TWR 3:10 PM-4:40 PM
7/02-7/03 TW 3:10 PM-4:40 PM
7/09-7/24 TWR 3:10 PM-4:40 PM
CRN: 3569

Contact department for add/drop dates.
Description: The development of class experiences, activities, and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Council for the Social Studies and current research and theory.

EDU 60645 01: Foreign Language Education I

2 credits, Crawford-Dixon, Doyle
6/11-6/27 TWR 3:10 PM-4:40 PM
7/02-7/03 TW 3:10 PM-4:40 PM
7/09-7/24 TWR 3:10 PM-4:40 PM
CRN: 3571

Contact department for add/drop dates.
Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the American Council for the Study of Foreign Language and current research and theory.

EDU 60665 01: Mathematics Education I

2 credits, Kennedy, Doyle
6/11-6/27 TWR 3:10 PM-4:40 PM
7/02-7/03 TW 3:10 PM-4:40 PM
7/09-7/24 TWR 3:10 PM-4:40 PM
CRN: 3572

Contact department for add/drop dates.
Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publica-

tions of the National Council of Teachers of Mathematics and current research and theory.

EDU 60685 01: Science Education I

2 credits, Kloser, Lamphier, Doyle
6/11-6/27 TWR 3:10 PM-4:40 PM
7/02-7/03 TW 3:10 PM-4:40 PM
7/09-7/24 TWR 3:10 PM-4:40 PM
CRN: 3573

Contact department for add/drop dates.
Description: The development of class experiences, activities and content-specific methods for middle and high school classes, based on readings selected from the publications of the National Science Teachers Association and current research and theory.

EDU 60705 01: English/Language Arts Education II

3 credits, Burke, Doyle
6/10-7/22 M 3:10 PM-5:00 PM
6/11-6/27 TWR 3:10 PM-4:40 PM
7/02-7/03 TW 3:10 PM-5:00 PM
7/09-7/24 TWR 3:10 PM-4:40 PM
CRN: 3575

Contact department for add/drop dates.
Description: A review of class experiences, activities and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of English and current research and theory.

EDU 60725 01: Social Studies Education II

3 credits, Collier, Doyle
6/10-7/22 M 3:10 PM-5:00 PM
6/11-6/27 TWR 3:10 PM-4:40 PM
7/02-7/03 TW 3:10 PM-5:00 PM
7/09-7/24 TWR 3:10 PM-4:50 PM
CRN: 3577

Contact department for add/drop dates.
Description: A review of class experiences, activities and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council for the Social Studies and current research and theory.

EDU 60745 01: Foreign Language Education II

3 credits, Crawford-Dixon, Doyle
6/10-7/22 M 3:10 PM-5:00 PM
6/22-6/27 TWR 3:10 PM-4:40 PM
7/02-7/03 TW 3:10 PM-5:00 PM
7/09-7/24 TWR 3:10 PM-4:40 PM
CRN: 3580

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Contact department for add/drop dates.

Description: A review of class experiences, activities and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council for the Study of Foreign Language and current research and theory.

EDU 60765 01: Mathematics Education II

3 credits, Kennedy, Doyle

6/10-7/22 M 3:10 PM-5:00 PM

6/11-6/27 TWR 3:10 PM-4:40 PM

7/09-7/24 TWR 3:10 PM-4:40 PM

CRN: 3581

Contact department for add/drop dates.

Description: A review of class experiences, activities, and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Council of Teachers of Mathematics and current research and theory.

EDU 60785 01: Science Education II

3 credits, Doyle

6/10-7/22 M 3:10 PM-5:00 PM

6/11-6/27 TWR 3:10 PM-4:40 PM

7/02-7/03 TW 3:10 PM-4:40 PM

7/09-7/24 TWR 3:10 PM-4:40 PM

CRN: 3579

Contact department for add/drop dates.

Description: A review of class experiences, activities, and content-specific methods within the context of unit goals and assessments for middle and high school classes, based on readings selected from the publications of the National Science Teachers Association and current research and theory.

EDU 60830 01: Folk Choir

1 credit, Warner, Doyle, Schneider Kirner

6/09-7/21 U 7:00 PM-11:00 PM

CRN: 3578

Contact department for add/drop dates.

Description: Work with the Folk Choir, which continues to build the repertoire for Catholic school use.

EDU 60870 01: Religion Education I

1 credit, Mattison, Doyle

6/18-6/21 TWRF 1:20 PM-3:00 PM

6/25-6/27 TWR 1:20 PM-3:00 PM

CRN: 3576

Contact department for add/drop dates.

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 63500 01: Integrative Seminar

1 credit, Staud, Doyle

6/03-6/07 MTWRF 8:30 AM-10:00 AM

6/11-7/09 T 7:15 PM-8:45 PM

7/23-7/23 T 7:15 PM-8:45 PM

CRN: 3574

Contact department for add/drop dates.

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

6/10-7/22 M 1:00 PM-3:00 PM

CRN: 3570

Contact department for add/drop dates.

Description: An intense practicum in area schools during the summer. The experience will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65030 02: Education Practicum

0 credits, Benchik, Doyle

6/10-7/22 M 1:00 PM-3:00 PM

CRN: 3568

Contact department for add/drop dates.

Description: An intense practicum in area schools during the summer. The experience will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65030 03: Education Practicum

0 credits, Buczynski, Doyle

6/10-7/22 M 1:00 PM-3:00 PM

CRN: 3565

Contact department for add/drop dates.

Description: An intense practicum in area schools during the summer. The experience will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65030 04: Education Practicum

0 credits, Dyczko, Doyle

6/10-7/22 M 1:00 PM-3:00 PM

CRN: 3563

Contact department for add/drop dates.

Description: An intense practicum in area schools during the summer. The experience

will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65030 05: Education Practicum

0 credits, Romans, Doyle

6/10-7/22 M 1:00 PM-3:00 PM

CRN: 3562

Contact department for add/drop dates.

Description: An intense practicum in area schools during the summer. The experience will include approximately 5-6 weeks of closely supervised teaching experience as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65032 01: Practicum - Elementary

2 credits, Buczynski, Doyle

6/10-7/22 M 1:45 PM-3:00 PM

CRN: 3560

Contact department for add/drop dates.

Description: An intense practicum in the South Bend area schools during the summer. The experience will include approximately five to six weeks of closely supervised teaching as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65034 01: Practicum - Middle School

2 credits, Buczynski, Doyle

6/10-7/22 M 1:45 PM-3:00 PM

CRN: 3559

Contact department for add/drop dates.

Description: An intense practicum in the South Bend area schools during the summer. The experience will include approximately five to six weeks of closely supervised teaching as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 65036 01: Practicum - High School

2 credits, Buczynski, Doyle

6/10-7/22 M 1:45 PM-3:00 PM

CRN: 3558

Contact department for add/drop dates.

Description: An intense practicum in the South Bend area schools during the summer. The experience will include approximately five to six weeks of closely supervised teaching as well as weekly reflections on that experience. Extensive planning of instruction is required.

EDU 67980 01: Special Topics in Education

Variable credits

Johnstone, Doyle

6/03-7/24

CRN: 3557

Contact department for add/drop dates.

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

6/24-7/19 MWF 8:30 AM-12:00 PM

CRN: 3546

Contact department for add/drop dates.

Description: An introduction to foundational issues in school leadership for those new to educational administration. Topics include personnel, curriculum and instruction, supervision, power, effective schools research, change theory, collegiality, communication theory, and decision-making skills. Coursework includes selected readings, discussions, lectures, simulations, case studies, and problem-based learning techniques.

EDU 70604 01: Financial Management

3 credits, McDade, Nuzzi

6/24-7/05 MTWR 1:30 PM-5:30 PM

6/24-7/05 F 1:30 PM-5:00 PM

CRN: 3544

Contact department for add/drop dates.

Description: This course will benefit those in management in not-for-profit financial

issues. Topics will include accountability and stewardship, the finance function in a mission-driven organization, fiscal operations and functions, external constituencies, reporting and compliance, operating budgets, program planning, strategic management, and internal financial reporting.

EDU 70605 01: Human Resource Management

3 credits, Herb, Nuzzi

7/08-7/19 MTWR 1:30 PM-5:30 PM

7/08-7/19 F 1:30 PM-5:00 PM

CRN: 3543

Contact department for add/drop dates.

Description: Proceeding from a discussion of various theories of managing people in organizations, this course enhances management skills and the understanding of how different strategies are most effectively employed in not-for-profit organizations. Management of both professional staff and volunteers is emphasized, as are the skills needed to work effectively with trustees and boards.

EDU 70627 01: Leadership in Schools I

1 credit, Nuzzi

6/25-7/23 T 7:00 PM-9:30 PM

CRN: 3542

Contact department for add/drop dates.

Description: An overview of the distinctive qualities of Catholic school leadership that distinguishes it from other educational and administrative settings. While exploring the unique context of the Catholic school principal, this course builds upon official church documents, Catholic school research, Sacred Scripture, and American Catholic history to assist participants in forming a personal approach to leadership.

EDU 70658 01: Technology for School Leaders

1 credit, Wills, Nuzzi

7/02-7/18 TR 8:00 AM-10:30 AM

CRN: 3919

Contact department for add/drop dates.

Description: This course investigates how school leaders can create and leverage meaningful integrations of technology in their schools to improve student learning. Students will develop a fluency with the issues, challenges, and points of view that school leaders face with rapidly changing technologies. The course discusses ethical, legal, policy, and practical questions surrounding information and communications technology in schools as well as the possibilities of using tools out-

side of schools for engagement and learning.

EDU 73607 01: Grant Writing and Development

1.5 credits, Johnstone, Nuzzi

6/17-6/28 MWF 8:30 AM-11:30 AM

CRN: 3541

Contact department for add/drop dates.

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

EDU 73608 01: Board Management

1.5 credits, Dygert, Nuzzi

6/20-7/04 TR 8:00 AM-10:30 AM

6/22-6/29 S 8:00 AM-11:30 AM

CRN: 3535

Contact department for add/drop dates.

Description: This course focuses on the development, composition, role, and responsibilities of school boards. Board function will be grounded in theology, especially ecclesiology, as the active and thoughtful participation of parents and other stakeholders is interpreted as a school-based response to the responsibilities of baptism. The partnership between the principal or president and the board in identifying and addressing management and development challenges is explored through case studies and class discussion. Canon law receives considerable attention regarding the limits of consultation, the role of the pastor and bishop, and the utility of various models of governance. Students will discuss problems in board management and formulate action plans to resolve those problems.

EDU 73609 01: Educational Law

3 credits, Schoenig, Nuzzi

6/24-7/05 MTWR 1:30 PM-5:30 PM

6/24-7/05 F 1:30 PM-5:00 PM

CRN: 3534

Contact department for add/drop dates.

Description: An overview of the various state, federal, and canonical legislation affecting Catholic schools with an emphasis on comparing and contrasting public and nonpublic school law. Participants will read and analyze legal cases, decisions rendered, and the legal reasoning behind decisions.

Real and fictional cases will be discussed.

EDU 73627 01: Leadership in Schools III

1 credit, Nuzzi
 6/19-6/19 W 8:30 AM-11:30 AM
 6/19-6/19 W 1:30 PM-5:30 PM
 6/20-6/20 R 8:30 AM-10:30 AM
 6/25-7/16 T 7:00 PM-8:30 PM

CRN: 3533

Contact department for add/drop dates.
 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
 7/22-7/22 M 8:30 AM-11:30 AM
 7/22-7/22 M 1:30 PM-5:30 PM
 7/23-7/23 T 8:30 AM-10:30 AM
 7/23-7/23 T 1:30 PM-4:30 PM

CRN: 3530

Contact department for add/drop dates.
 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
 6/28-6/28 F 1:30 PM-5:30 PM
 7/01-7/01 M 8:00 AM-12:00 PM
 7/01-7/01 M 1:30 PM-5:30 PM

CRN: 3527

Contact department for add/drop dates.
 Description: This course will consist of an overview of preventive maintenance for schools, including the relationship of maintenance to asset integrity, contract specifications, utilities management, personnel, and the use of professional vendors. Case studies and a school site visit will be included.

EDU 73636 01: Foundations of Education

3 credits, Power, Nuzzi
 6/17-6/21 MTWRF 1:30 PM-5:30 PM
 6/24-6/27 MTWR 1:30 PM-5:30 PM

CRN: 3525

Contact department for add/drop dates.
 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
 7/08-7/19 MTWR 1:30 PM-5:30 PM
 7/08-7/19 F 1:30 PM-5:00 PM

CRN: 3523

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

EDU 73666 01: Directed Readings in Educational Administration

Variable credits, Nuzzi, Frabutt, Holter
 6/17-7/26

CRN: 2812

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

EDU 73777 01: Educational Research Methodology

3 credits, Frabutt, Holter, Nuzzi, O'Linn
 6/24-7/19 MWF 8:30 AM-12:00 PM
 6/25-7/16 T 9:00 AM-10:30 AM

CRN: 3518

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

EDU 73888 01: Leadership in Schools IV

1 credit, Frabutt, Holter, Nuzzi, O'Linn
 6/18-6/18 T 8:00 AM-10:30 AM
 6/25-7/09 T 7:00 PM-9:30 PM

CRN: 3516

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

ENGLISH AS A NEW LANGUAGE (ENL) PROGRAM

Director:

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

The *Teachers of English as a New Language (ENL) program* 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, Macharaschwili
 7/12-7/19 MTWRF 8:00 AM-11:30 AM
 7/22-7/25 MTWR 8:00 AM-11:30 AM

CRN: 3556

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

EDU 70110 01: Teaching Second Language Learners

3 credits, Moreno
 7/12-7/19 MTWRF 1:00 PM-4:30 PM
 7/22-7/25 MTWR 1:00 PM-4:30 PM

CRN: 3554

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

TEACHING EXCEPTIONAL CHILDREN (TEC) PROGRAM

Director:

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

The *Teaching Exceptional Children (TEC) program* is designed for Catholic school teachers who wish to develop skills to meet the needs of children with mild to moderate disabilities in an inclusionary classroom. It culminates in certification for Teachers of Students with Exceptional Needs: Mild Interventions. The program for teachers has been designed as a 12-month, 18-credit-hour cohort model. Candidates come to campus for 16 days in the middle of June for orientation and the first three courses. The three 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, Bonfiglio, Rafferty
 6/19-6/25 MTWRF 8:00 AM-12:30 PM
CRN: 3552

Contact department for add/drop dates.
 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, Dunlap
 6/19-7/01 MWF 1:30 PM-5:30 PM
CRN: 3550

Contact department for add/drop dates.

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

EDU 70202 01: Collaboration

2 credits, Panzica, Ohmes
 6/26-7/02 MTWRF 8:00 AM-12:30 PM
CRN: 3548

Contact department for add/drop dates.
 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.

CENTER FOR SOCIAL CONCERNS

Director:

Rev. Paul Kollman, C.S.C.
 Dept. Tel.: (574) 631-5293

The Center for Social Concerns (CSC) provides community-based learning courses, community-based research, and service opportunities for students and faculty and lies at the heart of the University of Notre Dame. It is a place where faith and action, service and learning, research and resolve intersect. Over the past 29 years, the Center has offered educational experiences in social concerns inspired by Gospel values and the Catholic social tradition so that students and faculty may better understand and respond to poverty and injustice.

Through Center programs students, faculty, staff, and alumni are enabled to think critically about today's complex social realities

and about their responsibilities in facing them.

CSC 33901 01: Race in America

1 credit, Purcell, Hebbeler
 6/17 - 8/02 MTWRF 9:30 AM-2:30 PM
CRN: 4037

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This community-based learning course will examine in an interdisciplinary way the social concerns and issues related to race in the United States context. The relationship between poverty and race will be examined as well as the structural causes intertwined within these realms. The students will engage in service with at-risk populations in Michiana through doing service with local non-profit agencies to reflect on the causes and impact of racial disparities. Among the evaluation will be journaling and oral presentations on the experiences with the local community.

EDUCATION, SCHOOLING AND SOCIETY

Director:

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

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

There are no courses available this summer.

EG, SC, & TECH ENTREPRENEURSHIP

Director:

David Murphy, M.B.A
Dept. Tel.: (574) 631-1364

The University of Notre Dame's ESTEEM Program is a 1-year Master of Science Program developed as a joint program of the College of Science, College of Engineering and Mendoza College of Business. ESTEEM is designed to provide Science and Engineering graduates the skills required to take science and/or engineering inventions and translate those inventions into commercial ventures while strengthening their science and/or engineering skills. The innovative curriculum requires 12 credit hours of customized commercial courses covering such topics as finance, marketing, strategy, leadership, supply chain, project management, quality, operations research, ethics and advanced financial topics. These courses have been constructed to specifically meet the needs of ESTEEM students. There are also six credit hours of science and/or engineering electives required to deepen the ESTEEM student's technical foundation.

ESTM 68303 01: ESTEEM Thesis Project

6 credits, Prezyna
6/17 - 8/02

CRN: 3043

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This course is the completion of the Thesis Project for the ESTEEM program. The end result is a thesis that describes in depth the intellectual property/technology embodied in the thesis project, applications, commercialization of the technology and culminating in a business plan. Integrated Biomedical Sciences

IBMS 98698 01: Research and Dissertation

Variable credits, Baker
6/17 - 8/02

CRN: 3880

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Research and dissertation for resident doctoral students.

GENDER STUDIES

Director:

Pamela Wojcik, Ph.D.

Director of Undergraduate Studies:

Abigail Palko, 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.

GSC 25000 01: Summer Internship

2 credits, Palko

6/17 - 8/02

CRN: 3894

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: In collaboration with the Director of Undergraduate Studies in Gender Studies, students choose an organization or business in the South Bend area for which they serve as a non-paid intern; the student will be expected to complete a minimum of 65-70 total hours. This course serves an elective in either the Gender Studies supplementary major or the Gender Studies minor.

GSC 27999 01: Gender Studies Pre-Registration Approval

0 credit, Wojcik

6/17 - 8/02

CRN: 3752

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: This course is used as a

co-requisite for administrative purposes so that students in the Gender Studies program will be able to web register for other GSC courses.

GSC 35000 01: Internship

3 credits, Palko

6/17 - 8/02

CRN: 3474

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

ECK INSTITUTE FOR GLOBAL HEALTH

Director:

David Severson, Ph.D.

Dept. Tel.: (574) 631-2171

The University of Notre Dame's Eck Institute for Global Health is a university-wide enterprise that recognizes health as a fundamental human right and endeavors to promote research, training, and service to advance health standards for all people, especially people in low-and middle-income countries, who are disproportionately impacted by preventable diseases.

GH 68552 01: Master's Project Research 3

1 credit, Bock

6/17 - 8/02

CRN: 3786

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Students will develop a Master's Project topic in consultation with their Faculty Adviser and the Director of Global Health Studies and undertake research and writing. The Faculty Adviser and Director of Global Health Studies will establish a time-line and expected deliverables for each semester that are consistent with students' completing their projects in a timely manner.

Students will submit and present their Project to an evaluation committee. MS in Global Health students; will need to take 4 credit hours over the course of the year.

GH 75101 01: Field Experience

8 credits, Bock

6/17 - 8/02

CRN: 3785

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Each student will be placed in a resource-poor setting to perform research, training, or service projects that are relevant to global health. If necessary, students are advised to undertake Directed Readings (GH66497) with a faculty member in preparation. Students will work closely with a faculty member and host institution staff members in-country. A weekly journal is required.

KANEB CENTER FOR TEACHING AND LEARNING

Interim Director:

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

SUMMER COURSES FOR TEACHING ASSISTANTS

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

Course Offerings

GED 60301 01: Multi-modal Communication: Sharing Your Research with Multiple Audiences

1 credit, Busl

5/28 - 5/31 TWRF 9:00 AM-12:00 PM

5/28 - 5/31 TWRF 1:00 PM-4:00 PM

CRN: 3835

Last add date: 5/26

Drop dates: refund, 5/28; last, 5/29

Description: The ability to clearly and concisely express the significance of your research to a number of different audiences is key to your success as a graduate student and as a professional. This short course will help you develop the written, oral, and visual rhetorical skills to repackaging your materials and effectively communicate your work in a variety of venues. We will work to create clear, organized, and compelling research narratives appropriate for the most common communicative modes.

This course will consist of a daily meeting to discuss readings and complete exercises, and an optional afternoon lab for guided preparation of deliverable materials and peer-review.

GED 60501 01: Teaching Engineering Tutorials and Laboratories

1 credit, Schmid

7/30 - 7/31 TW 9:00 AM-4:00 PM

CRN: 2296

Last add date: 7/28

Drop dates: refund, 7/29; last, 7/30

Description: This course is intended for teaching assistants in engineering disciplines. It will address aspects of professionalism, learning styles, classroom procedures, characteristics of Notre Dame Undergraduates, 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

5/21 - 5/24 TWRF 9:00 AM-12:00 PM

CRN: 1183

Last add date: 5/19

Drop dates: refund, 5/21; last, 5/22

Description: This course will cover major issues in teaching and career development for students in science, mathematics, and engineering. Topics to be discussed include:

- (1) Preparing for an academic career
- (2) Finding academic employment
- (3) How academia works: postdocs, networking, publishing, and tenure
- (4) Teaching science, mathematics, and engineering at a university
- (5) Course and syllabus design
- (6) How to engage students in the classroom
- (7) How to gauge student learning
- (8) Balancing teaching and research

Students will be expected to give a short presentation on a topic of their choice within their own disciplines.

GED 60610 01: How to Teach Effectively and Prepare for an Academic Career in the Humanities & Social Sciences

1 credit, Wawrykow

6/03 - 6/07 MTRF 1:00 PM-4:00 PM

CRN: 2481

Last add date: 6/02

Drop dates: refund, 6/03; last, 6/05

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 and social sciences, to a number of these in an effort to promote professional development. This course is built around four major areas:

- (1)Academic positions and expectations
- (2)Teaching and teaching skills
- (3)Research
- (4)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. This course emphasizes the practical requirements of the professor. It is designed for those on 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

1 credit, Lopez

6/03 - 6/07 MTRF 9:00 AM-12:00 PM

6/03 - 6/07 MTRF 1:00 PM-4:00 PM

CRN: 2056

Last add date: 6/02

Drop dates: refund, 6/03; last, 6/05

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

GREED 60640 01: Designing and Teaching Your First Biology or Chemistry Course

1 credit, Hyde

5/20 - 5/23 MTR 1:00 PM-5:00 PM

CRN: 1082

Last add date: 5/18

Drop dates: refund, 5/20; last, 5/21

Description: This course is for continuing graduate students, primarily in Biology and Chemistry, who want to improve their effectiveness in teaching in the science classroom and laboratory. It is also intended as a preparation for those graduate students who intend to have a significant teaching component in their future career. Topics covered will include:

- (1) Steps in progressing from being a
- (2) Graduate student to a faculty member
- (3) Developing the fundamental tools for your first class
- (5) Learning to deliver clear lectures
- (6) Fostering critical thinking and problem solving skills
- (7) Incorporating collaborative learning
- (8) Using technology well
- (9) Designing laboratory experiments

Students will be asked to actively participate in the course through discussions, designing and delivering short lectures, and short writing assignments. This course is required for the completion of the Teaching Development Certification Program in Biological Sciences

GREED 60642 01: Active Teaching and Learning

1 credit, Bruneau

7/08 - 7/11 MTWR 9:00 AM-12:00 PM

CRN: 3491

Last add date: 7/06

Drop dates: refund, 7/08; last, 7/09

Description: This course is designed for graduate students in all disciplines who want to develop their students' enthusiasm

and proficiency. To engage students in our classes, we need to provide them not only with information but with challenge, connectivity, purpose, and activity - opportunities to work with and respond to the material we teach. To learn how to do provide these opportunities, participants will read and discuss research on teaching and learning, experience some active techniques, and develop course materials they can use for their own subject-area courses. Topics include instructional techniques, wait time, motivation, linking methods to goals and assessment, and ways to get students to not only do the work we assign but also learn from it.

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 36201 01: Directed Readings

Variable credits

6/17 - 8/02

CRN: 3500

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Directed readings at the 30000-level on peace studies topics outside of the specific thematic areas.

IIPS 36401 01: Directed Readings

Variable credits

6/17 - 8/02

CRN: 2180

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: **30000**-level directed readings for Area A: The Role of International Norms,

Institutions, and States in a Peaceful World.

IIPS 36601 01: Directed Readings

Variable credits

6/17 - 8/02

CRN: 2905

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Directed readings at the 30000-level for thematic topics in Area B: The Impact of Religious, Philosophical, and Cultural Influences on Peace.

IIPS 36801 01: Directed Readings

Variable credits

6/17 - 8/02

CRN: 2906

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

Description: Directed readings at the 30000-level for thematic topics in Area C: The Promotion of Social, Economic, and Environmental Justice.

IIPS 43909 01: The Global Sociology of Discontent

3 credits, Velitchkova

7/08 - 8/02 MTWRF 10:15 AM-12:10 PM

CRN: 3711

Last add date: 7/10

Drop dates: refund, 7/12; last, 7/20

Note: Students outside of the peace studies program are welcome to enroll in this course. Please contact the undergraduate program at the Kroc Institute for registration approval. Description: From Egypt's Tahrir Square to Wall Street, citizens are taking their discontent with capitalists and governments to the streets. This course explores how global, domestic, and personal factors combine to influence street politics. We will build on social movement and collective action theories and on theories of globalization to address the following questions: What are some causes of political discontent in today's world? When does discontent lead citizens to protest? What is the role of social networks and new technologies in contemporary protest movements? When do citizens pursue non-violent or violent tactics and how likely are these tactics to succeed? We will draw insights from social movements across the globe.

IIPS 46201 01: Directed Readings

Variable credits, Lopez

6/17 - 8/02

CRN: 3501

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Directed readings at the 40000-level on peace studies topics outside of the specific thematic areas.

IIPS 46401 01: Directed Readings

Variable credits
 6/17 - 8/02

CRN: 2181

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: 400-level directed readings for Area A: The Role of International Norms, Institutions, and States in a Peaceful World.

IIPS 46601 01: Directed Readings

Variable credits
 6/17 - 8/02

CRN: 2907

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Directed readings at the 40000-level for thematic topics in Area B: The Impact of Religious, Philosophical, and Cultural Influences on Peace.

IIPS 46801 01: Directed Readings

Variable credits
 6/17 - 8/02

CRN: 2908

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: 400-level directed readings for Area C: The Promotion of Social, Economic, and Environmental Justice

IIPS 66100 01: Directed Readings

Variable credits
 6/17 - 8/02

CRN: 3202

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Directed readings for first-year Master's students, conducted on an approved subject under the direction of a faculty member. Special permission from the Director of Academic Programs is required.

IIPS 76100 01: Directed Readings

Variable credits
 6/17 - 8/02

CRN: 3203

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Directed readings for second-year Master's students, conducted on an approved subject under the direction of a faculty member. Special permission from the Director of Masters Programs is required.

IIPS 77100 01: Completion Studies

0 credit, St. Ville
 6/17 - 8/02

CRN: 3489

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Special independent study for students to finish requirements not fulfilled during the normal academic year in time for graduation.

IIPS 77101 01: Thesis Completion

0 credit, St. Ville
 6/17 - 8/02

CRN: 3490

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Continued research and writing for students finishing their thesis project.

IIPS 78101 01: Thesis Direction

3 credits
 6/17 - 8/02

CRN: 2828

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Research and writing on an approved subject under the direction of a faculty member.

IIPS 78102 01: Nonresident Thesis Research

1 credit, Dashti-Gibson
 6/17 - 8/02

CRN: 2638

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Required of nonresident graduate students who are completing their theses in absentia and who wish to retain their degree status.

IIPS 86100 01: Directed Readings

Variable credits
 6/17 - 8/02

CRN: 3706

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Directed readings for doctoral candidates, conducted on an approved subject under the direction of a faculty member. Special permission from the Director of Doctoral Studies is required.

IIPS 98100 01: Research and Dissertation

Variable credits
 6/17 - 8/02

CRN: 3204

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Research and writing on an approved dissertation topic, under the guidance of the dissertation advisor, for resident doctoral students who have completed all course and candidacy requirements for the PhD in Peace Studies.

IIPS 98101 01: Non-Resident Dissertation Research

1 credit
 6/17 - 8/02

CRN: 3205

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10
 Description: Research and writing on an approved dissertation topic for PhD candidates who are not in residence. Registration for this credit is required for a non-resident PhD candidate to maintain degree status.

INSTITUTE FOR LATINO STUDIES

Assistant Provost and Director:

Gilberto Cardenas, Ph.D.

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

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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
6/17 - 8/02

CRN varies with instructor

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 Leading with Social Impact	1.5
MNA 75110 Field Project	3
Electives	9

Total Credit Hours for Degree: 42

For a comprehensive program description, along with a schedule of summer offerings, consult the M.N.A. Web page at <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, Ziegler
6/24 - 6/29 MTWFS 1:00 PM-5:00 PM
CRN: 2610

Last add date: 6/23

Drop dates: refund, 6/24; last, 6/26

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, Bretz
6/24 - 7/05 MTWFS 8:00 AM-12:00 PM
CRN: 2611

Last add date: 6/23

Drop dates: refund, 6/25; last, 6/29

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
7/01 - 7/13 MTWFS 1:00 PM-5:00 PM
CRN: 2612

Last add date: 6/30

Drop dates: refund, 7/03; last, 7/07

Description: Financial and managerial accounting principles, processes and practices in a nonprofit entity are the focus of this course. In financial accounting, basic financial statements (i.e., balance sheet, activity or income statement, and the statement of cash flows) are prepared and analyzed. The managerial accounting emphasis is on budgeting along with variance generation, analysis and interpretation. In addition, coverage includes the statement of functional expenses and the basic terminology and techniques of fund accounting.

MNA 60410 01: Marketing for Nonprofits

3 credits, Urbany
7/08 - 7/19 MTWFS 8:00 AM-12:00 PM
CRN: 2613

Last add date: 7/07

Drop dates: refund, 7/09; last, 7/13

Description: This course discusses the marketing needs and approaches particular to nonprofit organizations. Included are the development of skills needed to create, implement and refine effective marketing programs for nonprofits.

MNA 60510 01: Board Relations & Management

1.5 credits, Spillett
7/15 - 7/19 MTWRF 1:00 PM-5:00 PM
CRN: 2614

Last add date: 7/14

Drop dates: refund, 7/15; last, 7/17

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
6/24 - 7/05 MTWFS 1:00 PM-5:00 PM
CRN: 2615

Last add date: 6/23

Drop dates: refund, 6/25; last, 6/29

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
6/24 - 7/05 MTWFS 8:00 AM-12:00 PM
CRN: 2616

Last add date: 6/23

Drop dates: refund, 6/25; last, 6/29

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
7/08 - 7/19 MTWFS 8:00 AM-12:00 PM
CRN: 2617

Last add date: 7/07

Drop dates: refund, 7/09; last, 7/13

Description: This course develops students' capacities to analyze and design operating processes by using information technologies to analyze data. Projects are designed to teach students how to interpret and weigh data and to use mathematical/computer models as tools for effective decision making and refinement of functional and strategic processes.

MNA 70410 10: Ethics in Nonprofit Organizations

1.5 credits, Murphy
7/08 - 7/13 MTWFS 1:00 PM-5:00 PM
CRN: 2618

Last add date: 7/07

Drop dates: refund, 7/08; last, 7/10

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
7/22 - 8/02 MTWRF 9:00 AM-1:00 PM
CRN: 2619

Last add date: 7/21

Drop dates: refund, 7/23; last, 7/27

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 Leading with Social Impact

1.5 credits, Bialik
7/15 - 7/19 MTWRF 1:00 PM-5:00 PM
CRN: 2659

Last add date: 7/14

Drop dates: refund, 7/15; last, 7/17

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
6/17 - 8/02
CRN: 2621

Last add date: 6/19

Drop dates: refund, 6/24; last, 7/06

Description: This is a practical application of classroom work to a nonprofit organization environment which contributes to the fulfillment of its mission. Although some literature search may be an element of the field project, the focus is on a real-world deliverable such as a business plan, web site, or marketing plan.

OFFICE OF SPECIAL INSTRUCTIONAL PROJECTS AND ACTIVITIES

PROJECT UPWARD BOUND

Director:

Stephen Ponzillo, M.N.A.
Dept. Tel.: (574) 631-9004

The Program of Studies. The Office of Special Instructional Projects and Activities offers, through its Project Upward Bound, a summer program designed to give students an opportunity to earn college credit that will transfer to the university in which they plan to enroll. Registration in the courses described below is restricted to students enrolled in Project Upward Bound.

UB 11050 01: Writing and Rhetoric Summer Studio

2 credits, Capdevielle, MacLaughlin
6/17 - 8/02 MTWR 10:30 AM-11:50 AM
CRN: 2782

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02 MTW 8:25 AM-10:15 AM
CRN: 2783

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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.

UB 13150 02: Writing and Rhetoric Summer Seminar

3 credits
6/17 - 8/02 MTW 8:25 AM-10:15 AM
CRN: 3846

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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.

UB 13150 03: Writing and Rhetoric Summer Seminar

3 credits
6/17 - 8/02 MTW 8:25 AM-10:15 AM
CRN: 3848

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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

Director:

John Duffy, Ph.D.
Dept. Tel.: (574) 631-9796

The First-Year Writing and Rhetoric Summer Program is designed to help under-prepared or inexperienced writers fulfill Notre Dame's First-Year Writing and Rhetoric requirement.

The Program has two components, WR 13150, a traditional 3-credit seminar that fulfills the University's composition requirement, and WR 11050, an intensive writing lab. Student who enroll in the First-Year Writing and Rhetoric Summer Program meet for seven weeks, four days per week.

WR 11050 01: First Year Writing and Rhetoric Summer Studio

2 credits, Capdevielle, MacLaughlin
6/17 - 8/02 MTWR 10:30 AM-11:50 AM
CRN: 3225

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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 11050 02: First Year Writing and Rhetoric Summer Studio

2 credits, Capdevielle, MacLaughlin
6/17 - 8/02 MTWR 10:30 AM-11:50 AM
CRN: 3836

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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
6/17 - 8/02 MTW 8:25 AM-10:15 AM
CRN: 3226

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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.

**WR 13150 02: Writing and Rhetoric
Summer Seminar**

3 credits

6/17 - 8/02 MTW 8:25 AM-10:15 AM

CRN: 3837

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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.

**WR 13150 03: Writing and Rhetoric
Summer Seminar**

3 credits

6/17 - 8/02 MTW 8:25 AM-10:15 AM

CRN: 3847

Last add date: 6/21

Drop dates: refund, 6/25; last, 7/10

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.

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CULTURAL, RACIAL AND SCIENTIFIC DISCOVERY

Director:

Paulette Curtis, Ph.D.
Dept. Tel.: (574) 631-0990

Students must submit an online application (precollege.nd.edu) by February 15, 2013. 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: Science, Ethics and Responsibility

1 credit, Curtis, Howard, Pope-Davis
7/22 - 7/31 MTWRF 9:00 AM-5:00 PM
CRN: 3641

Contact department for add/drop dates. Description: Climate change, robotics, drone warfare, cloud computing, and designer medicine. These are a few of the many ways in which science and technology are rapidly transforming our world. It will take a new generation of ethically aware citizen scientists and technically informed citizens to lead the global community through the challenges we will face in the twenty-first century. We will need to reconcile innovations in science and technology with our responsibility to seek health, prosperity, and dignity for all on a sustainable basis.

SCHOOL OF ARCHITECTURE CAREER DISCOVERY PROGRAM

Dean:

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

ARCH 01110 01: Career Discovery: Architecture at Notre Dame

0 credit, DeFrees, Stamper
6/16 - 6/28

CRN: 3628

Contact department for add/drop dates. 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, M.S.A.E., J.D.
College of Engineering
Dept. Tel.: (574) 631-5530

EG 00100 01: Introduction to Engineering

0 credit, Bualuan
6/09 - 6/22 MTWRF 9:00 AM-4:00 PM
CRN: 3646

Contact department for add/drop dates. 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 half of the summer session.

EG 00155 01: Introduction to Engineering Program Counselors

0 credit, Bualuan
6/09 - 7/20

CRN: 3645

Contact department for add/drop dates. Description: Introduction to Engineering summer program for High School Juniors.

EG 00200 01: Introduction to Engineering

0 credit, Bualuan
7/07 - 7/20 MTWRF 9:00 AM-4:00 PM
CRN: 3648

Contact department for add/drop dates.

Description: The same course content as EG 00100. Offered in the second half of the summer session.

GLOBAL ISSUES-A JUST PEACE

Director:

Paulette Curtis, Ph.D.
Dept. Tel.: (574) 631-0990

Students must submit an online application (precollege.nd.edu) by February 15, 2013. 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-Towards a Just Peace

1 credit, Appleby
7/22 - 7/31 MTWRF 9:00 AM-5:00 PM
CRN: 3640

Contact department for add/drop dates. Description: Global Issues Towards a Just Peace Seminar is based on the premise that the problems facing the world in the 21st century—from climate change, resource wars, and ethnic and religious conflict to poverty, discrimination and human rights — cannot be addressed by any one nation, religion, academic discipline or social movement, but by collaboration across boundaries of all kinds. How are these problems interwoven, and how can we craft workable solutions to them? How can actors (individuals, movements and institutions) from religious and secular communities, developed and developing worlds, science and the arts, politics and economics work together to address these complexities with compassion and creativity? And what is Notre Dame's role in such collaboration? With the help of Notre Dame faculty, from several disciplines, we will explore these knotty questions together and sketch some ways forward.

IDENTITY AND SOCIAL INTEGRATION

Director:

Paulette Curtis, Ph.D.
Dept. Tel.: (574) 631-0990

Students must submit an online application (precollege.nd.edu) by February 15, 2013. 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: American Arts, Popular Culture and Social Change

1 credit, Garcia-Romero, Ruiz
7/22 - 7/31 MTWRF 9:00 AM-5:00 PM
CRN: 3642

Contact department for add/drop dates. Description: This seminar explores the roles that novelists, playwrights, filmmakers, poets, actors, painters, and other artists play in inspiring social change in the United States. Although some see the arts and popular culture as mere entertainment, we will examine these modes of representation as critical responses to social problems such as poverty, racial and gender inequality, stereotypes, and violence. How do the creators of artistic and popular texts engage with social problems and inspire action among the public? What are artists' commitments and responsibilities to society and to their local communities? How can we—as budding scholars, artists, and critical thinkers—use the arts and popular culture to instigate social change? In our quest to answer these questions (and many others, including those devised by the students), this seminar will immerse students in a wide range of activities, from an improvisation class with an award-winning acting teacher to a studio visit with a renowned visual arts professor to a critical study of race in contemporary American cinema.

SUMMER SCHOLARS

Director:

Paulette Curtis, Ph.D.
Dept. Tel. (574) 631-0990
July 1– July 12, 2013

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 that will be offered are Acting for Stage and Screen, All Roads Lead to Rome, Blood, Guts, and Glory: The Anthropology of Sport, Business, Debate and Public Speaking, Film, Gender and Culture in American Society, Global Health: Science, Medicine, Policy, Life Sciences, Literature, Performance: Voice, Photography: Seeing Creatively, Psychology and the Self, Research Computing Expeditions, The Brothers Karamazov, The Law, Theology and the Church's Evolving Mission.

Students must apply for the academic track of their choice by February 15, 2013. Because enrollment will be limited to 10–30 students per track, early application is advised. Admissions decision letters will be mailed by April 15. Criteria for selection will include the student's academic and standardized testing record, involvement in extracurricular activities, personal essay, a guidance counselor report, and one letter of recommendation from a guidance counselor or current teacher.

For further information on the academic tracks, other aspects of Summer Scholars, and to apply online, please visit our website: precollege.nd.edu.

PCSE 00212 01: Literature: Faith, Imagination, and Justice

0 credit, Werge
7/01 - 7/12 MTWRF 9:00 AM-4:00 PM
CRN: 3630

Contact department for add/drop dates. Description: Faith, Imagination, and Justice:

A consideration of the spiritual dimensions of literature from fairy tales to recent American narratives. Special concerns: faith, writing, and commitment; art and empathy; the dynamism between literature and life; the sacramental imagination; and visions of justice, community, and the dispossessed.

The program will engage students with questions related to community and social justice through reading, personal writing exercises, discussion, and volunteer service. Students 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 and The Self

0 credit, Venter
7/01 - 7/12 MTWRF 9:00 AM-4:00 PM
CRN: 3631

Contact department for add/drop dates. Description: There are many common misconceptions about the discipline of psychology. Often times, psychology is thought of as a field based on “common sense” which lacks a foundation in science. This course aims to rectify these views by presenting theory, research, and real-world applications related to the science of psychology.

Students in the psychology track will explore the science of psychology and will be exposed to directions that this field is likely to take in the near future. In addition, they will gain a better understanding of why human beings think, feel, and act in certain ways as well as an understanding of how research-based treatments can assist people who are suffering from mental disorders. Students will learn about the various subfields of psychology, including developmental, clinical, quantitative, and cognitive, and will gain an understanding about the work of professionals in each of these areas. A primary emphasis of this track will be on translational research, which focuses on bridging the “bench to bedside gap” and disseminating empirically based information to the public in meaningful and relevant ways.

PCSE 00214 01: Theology and The Church's Evolving Mission

0 credit, McCarthy, Griffin
7/01 - 7/12 MTWRF 9:00 AM-4:00 PM
CRN: 3632

Contact department for add/drop dates.
 Description: As many Catholic theologians have noted, we live in a church that can and cannot change. In other words, the core reality of the Church does not change. But looking at history, we see a lot of change. So, how do we understand - from the perspective of Christian faith - all the change that has taken place both outside and inside the Church?

In this stimulating seminar we will look at many aspects of this question, from how huge changes in scientific knowledge have affected believers to how huge changes at Vatican II have affected the world. The approach will be multi-disciplinary, so students with an interest in a wide variety of topics—from science to economics, from politics to spirituality—will find this to be an exciting conversation with some of Notre Dame’s most brilliant thinkers.

The seminar will include dynamic presentations from Notre Dame professors as well as time for class discussion. One interesting “extra” that will be a fascinating exploration of change: we will go on a field trip to visit with the Amish, a community which is often described as ‘not changing.’ Our time on this trip and all of our learning in the classroom will clearly get us thinking about how we find our bearings in a rapidly changing world.

PCSE 00215 01: The Law

0 credit, Venter

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 3644

Contact department for add/drop dates.
 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, Clauss

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 3633

Contact department for add/drop dates.
 Description: This track uses a debate format to help you develop skills that will also enhance your academic work. We will work within the format of policy debate, an exciting component of Notre Dame’s debate program. Because policy debates present detailed arguments about one topic, they require strong research and writing skills—skills that will benefit you in debate and in your academic work.

The first half of the program provides opportunities to develop skill in public speaking through short informative and persuasive speeches and interviews. We will also watch clips from film and television programs that illustrate points raised in class. To help you develop arguments for your debates, we will work with Notre Dame’s extensive library holdings. You will learn how to use a college library and work with electronic databases and specialized journals. Field trips will also offer opportunities to gather material for your presentations. After you’ve gathered evidence for your topics, Notre Dame faculty and graduate students will help you develop briefs, hone your arguments, and give you intensive, one-on-one instruction in making presentations.

PCSE 00217 01: Film and Video Production: Making Movies Under the Dome

0 credit, Mandell

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 3634

Contact department for add/drop dates.
 Description: Film and video production can take many forms, from television news production, to commercial production, to documentary and feature filmmaking. The production process is communal. No one person can produce a film. It’s a group effort, and the Summer Scholars Film Track allows students to work closely with their peers as crew members and creative collaborators, learning from each other and making friendships that last well beyond their two weeks on campus.

Students will learn the history of motion pictures, study the craft of filmmaking, and actually produce and direct their own short film, which will be screened at the end of the summer experience inside the state-of-the-art THX Browning Cinema right on the Notre Dame campus.

PCSE 00218 01: Acting for Stage and Screen

0 credit, Scott

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 3635

Contact department for add/drop dates.
 Description: Ever wonder what it takes to become a professional actor? The art and skill of acting are only a part of the puzzle. What do actors do when they aren’t acting? The actor is an independent contractor who markets and interviews and negotiates for work.

The Summer Scholars Acting Track covers both acting training and the business of being an actor. In the first week, students study voice and movement, scene study, and monologue preparation. Script analysis, improvisation, and character studies give actors the tools to create memorable performances. All classes are held in the Marie P. DeBartolo Center for the Performing Arts, a state-of-the-art facility with multiple theatres, classrooms, and a soundstage.

Week two covers the business of being an actor, and acting for film and television. Students will travel to Chicago to see a play and meet with professional actors and directors. Each participant will create a resumé, take starter headshots, and perform in short scenes that will be open to all Summer Scholars participants.

PCSE 00219 01: Performance: Voice

0 credit, Beudert

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 3636

Contact department for add/drop dates.
 Description: Singing is a challenging vocation. Foremost is study of the technical challenges of the instrument (the singer’s own self), accompanied by a growing mastery of music theory and history of the art form. This initial training is often less structured than study in college, which often creates difficulties that need not exist if seen and dealt with in advance.

As a singer begins their career, a worry is often whether one is “good enough” or will be “lucky enough” to actually have a career in the art. Talent and luck can be augmented by training the chief organ of singing: the mind. Along with the mechanics of music and singing, and artist must know the history, psychology, and societal values of the works they perform.

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 college choice and career development will help young singers begin to plan for their future.

PCSE 00220 01: The Brothers Karamazov

0 credit, Gasperetti

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 3638

Contact department for add/drop dates.

Description: The place of Fyodor Dostoevsky’s final, and greatest, novel, *The Brothers Karamazov* (1880), is firmly set in the annals of literary history. Not only did it help to redefine the novel genre, but it has remained a classic of Western literature for over 125 years. In this two week track, students will find some of the most profound and illuminating statements ever made on a variety of topics, from the nature of God and faith to the challenges posed by the growing culture of late-nineteenth-century materialism, from the spiritual liberation found in the power of love and suffering to the moral and psychological destructiveness of false utopias.

Working with one of the leading scholars on *The Brothers Karamazov*, the students will strive to unlock Dostoevsky’s structural innovations, analyze his complex psychological characterizations, and interpret his rich system of symbols and allegories in order to get a clearer understanding of his view of the individual, of society, and of life itself - both in this world and the next. In addition, the program will include a cultural excursion to Chicago.

PCSE 00224 01: Research Computing Expeditions

0 credit, Stitt, Brenner

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 3637

Contact department for add/drop dates.

Description: Our world community faces many grand challenges such as developing sustainable energy, understanding climate change, curing disease, and stabilizing international crises to promote peaceful resolution. The solutions to these challenges will require talented young thinkers working together across multiple disciplines such as engineering, science, business, and the humanities. These bright individuals will need both access to and understanding of the world’s best technical tools to address the inherent complexity. In our discipline we call these tools research computing and the student scholars who join us for the summer will have the opportunity to learn first hand their amazing power to solve some of the hardest problems. If you think your laptop, iPhone, or Xbox is impressive (and they are), you will marvel at your new understanding and access to systems with over 1000 times the capability of your consumer systems.

In the first week of the program you will be introduced to High Performance Computing (HPC) and have the opportunity to work in teams to build and operate your own modest “super computer”. You will be introduced to the operating system environments (Linux), computer programming languages (C++) and scripting languages (Python and shell) that harness some of the world’s most powerful computers. By the end of the week you will be running simulations of hurricanes, molecular proteins, and social networks. In week two we will introduce a broader view of research computing to include 3D visualizations, large distributed data sharing, interactive web development, and mobile device programming. We will then finish the week and the program with a capstone opportunity for students to shadow members of our research and development team. Throughout the program there will be a continuous focus on motivating and inspiring participants to explore the use of research computing in their fields of interest. Whether they aspire to be a doctor, lawyer, engineer, business entrepreneur, or philosopher; their new understanding of the

research computing tools available to them will give them a substantial boost toward a successful career.

PCSE 00227 01: All Roads Lead to Rome

0 credit, Lenzi-Sandusky

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 3803

Contact department for add/drop dates.

Description: The proverb “All roads lead to Rome,” first recorded in writing in 1175 by the theologian and poet Alain de Lille, remains as true today as it was in the Middle Ages. Literally true for ancient Rome as the center of a millennial world empire, the phrase remains true for Rome as the epicenter of classical, Italian, and Christian civilization, a phenomenal concentration of history, art, culture, and spirituality that has continued to nourish and inspire world civilization through the centuries to this day.

Italian Studies at Notre Dame invites you to explore Rome, Italy, and the World in the Summer Scholars at Notre Dame program. Our two-week seminar takes the city of Rome as its destination, viewed from perspectives of archeology, architecture and art, political and social history, the cinema, literature, and music. It is designed for high school students with an interest in Rome and in Italy who seek an intellectually challenging and richly diverse and innovative immersion experience in the *Mirabilia Urbis Romae* (Marvels of the City of Rome).

PCSE 00229 01: Gender and Culture in American Society

0 credit, Palko

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 4078

Contact department for add/drop dates.

Description: In this seminar, we will explore some contemporary gender issues through two main angles. We will use case studies to analyze some “Gender/ed Realities” that influence contemporary American society. We will also explore ways that these issues are represented and disseminated in print, on screen, and online. Topics to be discussed might include: cyber-bullying and constructing an online identity, treatment of female candidates in election seasons, controversies about the HPV vaccine, the gendering of toys, domestic violence in dating relationships, body image expectations, gender nonconforming youth, and gendered roles

within family structures. We will address the questions of how “woman”/“the feminine” and “man”/“the masculine” have been represented and created in our cultural system. In the process, we will explore the relationship between popular culture and gender, as well as how the media constructs gender and how those constructions become cultural norms and mores.

PCSE 00230 01: Blood, Guts, and Glory: The Anthropology of Sport

0 credit, Torres

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 4079

Contact department for add/drop dates.

Description: This course aims to increase students' understandings of the complexity and interrelatedness of sport and society. We will first briefly review the evolutionary, prehistoric, and historic foundations for sport in play and ritual. We will then spend most of the class exploring the ways in which contemporary sporting practices are entangled with cultural processes. From everyday practices to highly ritualized events, the anthropology of sports can help us gain valuable insights into broader social and cultural phenomena. Drawing from examples of sports in Latin America, the United States, and other parts of the world, we will pay special attention to questions of gender, race, nationality, equality, and justice. In addition, students will be encouraged to think critically about their own sporting experiences and how sports impact their lives.

PCSE 00231 01: Photography: Seeing Creatively

0 credit, Bimber

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 4080

Contact department for add/drop dates.

Description: The University of Notre Dame's Summer Scholar workshop Photography: Seeing Creatively is designed to help talented high school students find their photographic voice and explore new techniques to express it. The class is designed for beginning student interested in the field of photography. There are no pre-requisites for students interested in taking the workshop, but students are asked to have a strong desire for creative thinking and image making. Students will expand their creative talents, build a portfolio and learn about career options. This comprehensive photography course uses the latest in digital cameras, imaging software, inkjet

printers, studio lighting, and traditional black and white darkroom techniques to explore the students photographic vision. There is extensive digital training in image capture, file processing, manipulation, and printmaking along with a historical and theoretical overview of photography to assist in the student's image creation. Classes will focus on aesthetic aspects of composition, point of view, the moment and subject matter. All of the techniques learned will support the focus of the week: finding new ways of expressing our creativity.

Days are filled with photographic history lessons, hands on equipment demonstrations, supervised lab exercises, photography field trips and critiques. Assignments encourage participants to expand their ability to see and respond to the world around them. Students will photograph each other, the South Bend and Notre Dame landscape, markets and city life. Upon completion of the Summer Scholar workshop, students will leave with new technical skills, an awareness of their creative potential as an image-maker, and a new portfolio of work.

PCSE 00232 01: Global Health: Science, Medicine, and the Social Determinants of Health

0 credit, Bock, Haussamen

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 4081

Contact department for add/drop dates.

Description: The Global Health track will provide an overview of the major global health challenges in under-resourced settings both within the United States and in developing countries. Students will learn how to calculate the “burden of disease,” how epidemiologists project the seriousness of an outbreak of disease and learn innovative strategies used to improve health. We will also discuss the role of different players in global health and its truly interdisciplinary nature. Global health challenges must be solved by medical professionals, development practitioners, policy makers, scientists and you!

The field of Global Health is much broader than curative initiatives and this track is designed not only for students who plan to enter a medical profession, but anyone with an interest in learning about the complexity of global health challenges. We will discuss

the important role of medical professionals in the field of global health, in addition to other initiatives in disease control, prevention programs to reduce disease incidence, and the importance of addressing the other social determinants of health.

PCSE 00311 01: Entrepreneurship, Problem Solving and Social Impact

0 credit, Hollis, Paulsen

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

CRN: 3639

Contact department for add/drop dates.

Description: In this two-week course, students interested in entrepreneurship and business will receive an in-depth immersion into the mindset and skill sets of the entrepreneur: how entrepreneurs are people who come to see opportunities in problems; how they devise solutions as products and services; how they build new companies and other ventures around those solutions; how they grow those ventures; how anyone can learn to be more entrepreneurial; and how entrepreneurship can be a mechanism for creating sustainable social change. Students will be introduced to concepts like “human-centered design,” “design thinking,” and “intrapreneurship,” – how to be innovative in a large organization as well as a small startup. In addition, students will use the case study method to gain insight into social business models (for-profit, non-profit, hybrid), analyzing and devising strategies to improve the efficacy of these ventures.

PCSE 00510 01: Life Sciences: Ecology/ Environmental Science and Molecular Genetics

0 credit, Olsen, Veselik

7/01 - 7/12 MTWRF 9:00 AM-4:00 PM

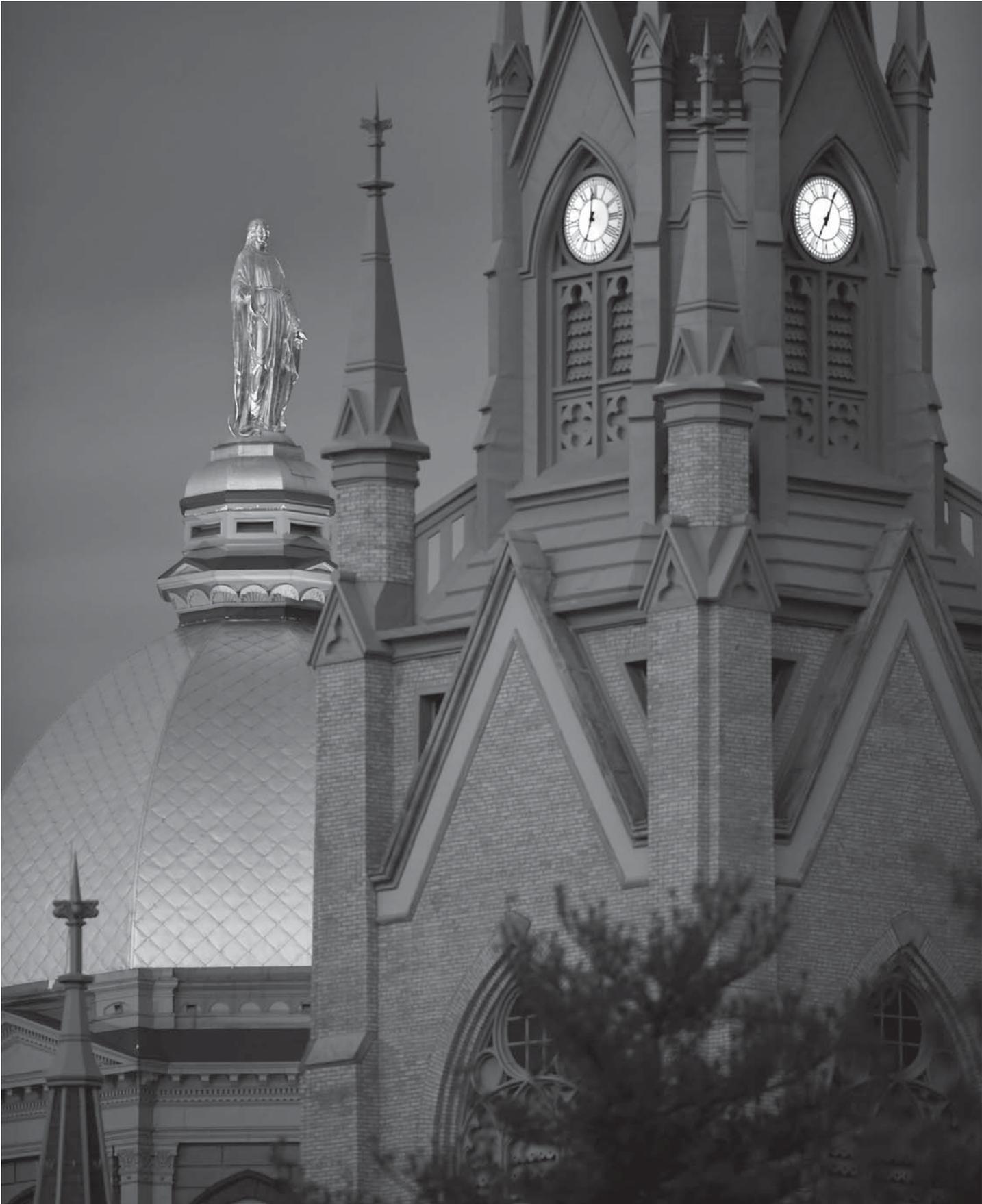
CRN: 3643

Contact department for add/drop dates.

Description: The Life Sciences track will cover two major content areas: Ecology/ Environmental Science and Molecular Genetics of Disease. Topics covered within these areas will highlight both basic research conducted by Notre Dame faculty and the connection of this research to applied fields in industry, medicine and environmental management. Students will investigate these topics using a variety of formats including interactive lectures, laboratory work, collaborative learning, computer and video material, group discussions, and field trips. Students will be exposed to the philosophy

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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.



84 OFFICERS OF ADMINISTRATION



Rev. John I. Jenkins,
C.S.C., D.Phil.



Charles T. Hurley
III, MSA, M.A.

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Director of the Summer Session

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JAY B. BROCKMAN, PH.D.
Associate Dean

DAVID W. MURPHY, M.B.A.
Associate Dean

LEO McWILLIAMS, PH.D.
Assistant Dean

CATHERINE PIERONEK, M.S.A.E., J.D.
Assistant Dean

First Year of Studies

REV. HUGH R. PAGE JR., PH.D.
Dean

ANGIE R. CHAMBLEE, M.A.
Senior Associate Dean

KEVIN M. ROONEY, M.S.
Associate Dean

KENNETH DeBOER, M.A.
Assistant Dean

HOLLY E. MARTIN, PH.D.
Assistant Dean

Mendoza College of Business

ROGER D. HUANG, PH.D.
Interim Dean

EDWARD J. CONLON, PH.D.
Associate Dean

DALE M. NEES, M.S.
Assistant Dean

School of Architecture

MICHAEL N. LYKOUDIS, M.ARCH.
Dean

JOHN W. STAMPER, PH.D.
Associate Dean

REV. RICHARD S. BULLENE, C.S.C.,
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.