

X Interdisciplinary, Experimental, and Special Areas

AFFIRMATIVE ACTION OFFICE

As an integral part of the Office of Human Resources, the Office of Compliance and Affirmative Action, in St. Mary's Hall, Room 122, provides services to all employees, including student employees. The assistant director of human resources for compliance and affirmative action is the University's compliance officer for Affirmative Action/Equal Employment Opportunity (AA/EEO), Title IX of the Education Amendment of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974, and the Age Discrimination Act of 1975.

AIR FORCE RESERVE OFFICERS TRAINING CORPS (AFROTC)

The Air Force Reserve Officers Training Corps (AFROTC) program is offered through the Department of Aerospace Studies at Wright State University. Students may enroll in Air Force ROTC courses through the consortium cross-registration procedures (contact the Registrar's Office to obtain a list of course numbers, scheduled class times and locations). For more information contact the Air Force ROTC Detachment located in Room 232 of the Frederick A. White Health Center at Wright State University or phone 775-2730.

CENTER FOR INTERNATIONAL PROGRAMS

The Center for International Programs provides leadership, coordination and administrative support for the development of international understanding among faculty, staff and students. This is accomplished through organizing international conferences and workshops, hosting visiting scholars, organizing study abroad programs, maintaining relationships with foreign universities and supporting the Model United Nations. The Center for International Programs is also committed to outreach programming that builds links between the University of Dayton, Dayton's business, cultural and humanitarian groups, and the international community. The Center for International Programs seeks to promote the University of Dayton's involvement in international peace building, human rights and cooperation.

The Center for International Programs includes the International Educational Programs office, which coordinates the International Summer Study Abroad Program (ISSAP) and provides international education and travel counseling. The Center for International Programs also includes the Office of International Services, which coordinates international recruitment, admission, advising, orientation, credential evaluation, immigration and other issues or services for international students and faculty.

CENTER FOR FAMILY AND COMMUNITY RESEARCH

The Center for Family and Community Research provides an interdisciplinary minor in family development within the College of Arts and Sciences. It also conducts research on a broad range of contemporary family and community issues and offers opportunities for the development of social science research skills through tutorials and participation in its ongoing research projects. It serves as a resource to local governmental, health, religious, educational, and social service agencies in developing solutions to the problems of families and the communities in which they live. The center is committed to an integrated perspective on families that draws on both the humanities and the social sciences. See also FDV, Chapter VI.

COMPUTER FACILITIES AND SERVICES

The University operates more than twenty computer laboratories and a DEC Alpha 2100 system for the benefit of students, faculty, and staff. In addition to the scientific, engineering, statistical, business, and programming software available on campus, access to the Ohio Supercomputer Center is available from the University network for large parallel processing applications such as visualization, finite element analysis, and molecular modeling. Faculty, staff and students with a multi-purpose user account have access to the DEC Alpha system and the University network, as well as telnet, ftp, Netscape, and other Internet and World Wide Web programs. Multi-purpose user accounts require a valid University ID and may be applied for at the Administrative Computing and Telecommunication Services (ACTS) office in Miriam Hall 300. The Computer Store in Miriam Hall 43 sells manuals which explain the University's equipment and how to use the DEC Alpha system.

Student monitors, consultants, and technicians are hired each year to assist the staff in providing computing services to the University community. Students interested in working in any of these positions are encouraged to visit the Instructional Computing, ACTS/Network Services, or ACTS/Microcomputer Services offices, or any of the departmental labs.

ADULT DEGREE ADVANCEMENT PROGRAM (ADAP)

Specifically designed for students 24 years of age and older who wish to attend college part-time, the University of Dayton Adult Degree Advancement Program, ADAP, allows you to complete your bachelor's degree at a pace that fits nicely with your lifestyle. Day and evening classes are available. Tuition for the ADAP students is very affordable, with cost per credit hour comparable to other adult degree programs.

ADAP students can select from one of five bachelor degree programs: Business Management, Communication Management, Psychology, Engineering Technology, and General Studies.

Information regarding the Business Management program can be obtained from Mary Beth Deconinck in the School of Business Administration, 229-3731. Information regarding Communication Management, Psychology, and General Studies can

Special Areas

be obtained from Julie Mitchell in the College of Arts and Sciences, 229-2605. Information regarding the Engineering Technology program can be obtained from Joe Untener in the Department of Engineering Technology, 229-4216.

COOPERATIVE EDUCATION (COP)

Cooperative education is an optional plan of full-time, on-campus study alternating with terms of full-time, off-campus work training. Among the expected benefits to the student are on-the-job experience, career identification, financial assistance, and professional development. The work training terms average seventeen weeks. Three full terms of work training are considered minimum for the program. Students are encouraged to begin their first co-op work experience after their third or fourth semester of academic study.

Qualifications for entering and remaining in cooperative education are (1) to be admitted to the University as a full-time undergraduate with the intention of graduating; (2) to be a declared major in one of the academic departments participating in the co-op program; (3) to maintain good academic standing as specified by the particular academic department; (4) to engage in full-time study and make progress toward the degree during each study term following each full-time work training term. Placement in a job is not guaranteed since it depends on the student's qualifications and on the availability of jobs.

Cooperative education is currently available as an option to full-time undergraduate majors in the following:

COLLEGE OF ARTS AND SCIENCES: Chemistry (CHM), Computer Science (CPS), Computer Information Systems (CIS), History (HST), Mathematics (MTH), Biology (BIO), Physics (PHY), Physics-Computer Science (PCS), Environmental Biology (EVB), Communication (CMM), English (ENG), and Visual Communication Design (VCD).

SCHOOL OF BUSINESS ADMINISTRATION: All majors are eligible to apply.

SCHOOL OF ENGINEERING: All engineering and engineering technology majors are eligible to apply.

If the cooperative education option becomes available in other majors, notice will be released through the admission counseling staff of the University.

Incoming first-year students or transfer students interested in cooperative education should attend a Co-op New Student Seminar during the new student orientation week in August and informational meeting in April for 1st yr. students. Incoming sophomore, junior level or transfer students interested in cooperative education should attend one of the seminars held in September and January of each year. After each Co-op New Student Seminar, such students may begin the process of entering the program, which includes registering through Web Walkup and having an initial interview with one of the Assistant Directors. Those who start as first-year students at the University are eligible for placement after completing three terms of full-time study on campus. Transfer students, whether from two-year or four-year institutions, spend one full-time study term on campus after transferring before becoming eligible for the first work-training term.

Further information on the cooperative education program may be obtained by writing or calling the Career Services Center, University of Dayton, Dayton, Ohio 45469-1110; telephone (937) 229-3914.

CORE

CORE is an interdisciplinary curriculum designed to fulfill and to integrate the University's General Education requirements. Students take ten courses (six in the first-year, three in the second, and one in the third) which fulfill all General Education requirements (except physical and life sciences) as well as the Basic Skills requirement in reading and writing. Faculty teaching in CORE work together to integrate the material in their courses and encourage students to draw on what they are learning in other CORE classes.

Annually, CORE accepts approximately 150 students with a variety of academic profiles; it is not an accelerated or honors program. All entering first-year students are invited to apply; students in some majors in the College of Arts and Sciences are enrolled automatically.

DEVELOPMENTAL SKILLS (DEV)

Developmental courses are offered by the Learning Assistance Center. (See Chapter II.) Their purpose is to assist students who need additional work in reading, writing, or mathematics. Although credit is attached to these courses, this credit is not applicable toward graduation in any academic program. It is counted, however, in determining class status and eligibility for financial aid.

COURSES OF INSTRUCTION

DEV 050. CRITICAL READING AND STUDY SKILLS: Instruction and practice in critical reading and thinking skills necessary to analyze, synthesize and evaluate college-level material; also study skills such as time management, note taking, test taking and textbook reading. *3 sem. hrs.*

DEV 060. DEVELOPMENTAL MATHEMATICS: Mastery review of the skills of arithmetic and basic algebra; math confidence-building, communication of problem-solving principles, and study skills. *3 sem. hrs.*

DEV 070. DEVELOPMENTAL WRITING: Individualized instruction and practice in the writing process with emphasis on developing student abilities in organizing ideas, generating support, and expressing ideas effectively; also basic grammar skills such as sentence structure, usage, and punctuation. *3 sem. hrs.*

GENERAL STUDIES (GEN)

Students who find the traditional programs with departmental majors unsuitable to their purposes, needs, or interests may follow patterns of their own design in choosing courses under the General Studies Program, which leads to the degree of Bachelor of General Studies. See GEN, Chapter VI.

GRADUATE GUIDANCE CENTER

The mission of the Graduate Guidance Center is to assist undergraduate students in determining their needs with respect to graduate schools. The Center has an up-to-date library of graduate school bulletins as well as information on scholarships and fellowships. In addition, it offers help in filing applications and seeking

Special Areas

nationally recognized fellowships and scholarships. It can inform students whether they may be eligible for any of these awards and assist them in preparing applications. Any UD undergraduate interested in pursuing graduate studies is encouraged to visit the Center and take advantage of its services.

HOME-STUDY COURSES

Students who wish to accrue academic credit during the summer but find it inconvenient to be on campus for classroom courses during either session of the third term should see the official third-term composite of courses and consult with their advisors for information about the home-study courses that several departments offer. These are conducted by mail on a tutorial or semitutorial basis for students who have proven their ability and their motivation to work alone.

THE INSTITUTE FOR PASTORAL INITIATIVES

The Institute for Pastoral Initiatives mobilizes the resources of the University of Dayton for partnership with the church that create and implement innovative pastoral initiatives designed to meet the needs of the church and to articulate faith within the context of contemporary culture. The Institute is engaged in education, consultative services, networking, applied pastoral research and multimedia religious education production and publication. The Institute is currently focusing on research and teaching in the following areas: 1) Catholic Inclusive Education, 2) Media, Culture & Faith Formation, 3) New Paradigms for Adult Religious Formation via Distance Education, 4) Religion & Film, 5) Pastoral Communication and Ministry.

INTERDISCIPLINARY STUDIES

All interdisciplinary and experimental studies at the University of Dayton must involve University students and faculty, must be commensurate with University resources or resources accessible to the University, and must further the recognized goals and purposes of the University. When these studies involve disciplines within the College of Arts and Sciences or one of the Schools, they are administered by or through the offices of the respective deans. When they are University-wide, i.e., inter-school, they are usually administered by the Office of the Provost. See also Interdisciplinary Studies in Chapters VI (ASI), VII (BAI), IX (ENI).

UNIVERSITY INTERDISCIPLINARY STUDIES (UDI)

Courses considered suitable for the UDI designation are submitted for approval to the Committee on Minicourses (COMC), which is accountable to the Provost. UDI courses are administered through the College of Arts and Sciences.

The following courses have been offered at least once from the first term of 1998-99 through the second term 1999-2000.

COURSES OF INSTRUCTION

UDI 158M. INTRODUCTION TO CAREER DEVELOPMENT: Survey of career development theories and the world of work. Determining career interests, decision making, and developing a personal plan of action. Some field experience required.

UDI 178M. THE DINOSAURS: An introduction to the extinct group of reptiles that dominated the Earth from 230 to 65 million years ago. Covers the major dinosaur groups, what we know about their behavior, and their ultimate extinction.

UDI 215M. SEARCHING OUT LIFE/FAITH PATTERNS: This course is designed to help students explore their spiritual life within the context of their entire life. Through class presentations and discussion, daily journal keeping, and weekly meetings with a mentor, the students will have the opportunity to reflect upon their spiritual and life journeys and be exposed to practical means to continue to grow spiritually.

UDI 232M. RESPONSIBILITY IN A HUNGRY WORLD: This course explores the social and personal responsibility for solving the problem of world hunger. Students will identify and analyze hunger problems globally and locally and propose systematic solutions to these problems.

UDI 243M. SEXUAL DIVERSITY AND HUMAN DEVELOPMENT: This course explores the lives and development of lesbian, gay, and bisexual people in contemporary American society with particular attention to individual, relationship and community issues and their intersections. Students will be encouraged to examine fears and prejudices as a way of discovering that sexual minority individuals are both unlike and just like everyone else. In this way all students—straight or gay—can learn to be more sensitive to differences in sexuality that exist in the world around them.

UDI 249M. REFLECTIONS ON COMMUNITY SERVICE: This service-learning mini-course combines community service with reflection. Requirements include 20 hours of meaningful service, an observation/reflection journal, required readings, a reaction paper to a book of one's choice on community service, and class discussions on related issues.

UDI 266M. UNIVERSAL DECLARATION OF HUMAN RIGHTS: This course analyzes world politics from a human rights perspective, using the Universal Declaration of Human Rights as its point of reference, and examines what the international community, nongovernmental organizations, and even concerned individuals can do to promote human rights globally.

UDI 289M. PUBLIC POLICY AND LEGAL ASPECTS OF THE INTERNET: This course explores how new technologies like the internet/WWW/Information-Superhighway, etc., have effected our lives as citizens in a legal, ethical, moral and societal sense. This course will examine how the "Internet" and other on-line technologies affect the everyday way in which we work, live and play.

UDI 323M. DREAMS: PSYCHOLOGICAL AND SPIRITUAL GROWTH FROM A JUNGIAN PERSPECTIVE: This course examines the phenomena of dreams from both a psychological and religious perspective. The student will also learn a method for understanding dreams in terms of personal and spiritual development.

UDI 351M. HISTOLOGY: This course will combine lecture, discussions and slide presentations on basic tissue types including blood, connective tissue, epithelial tissue, muscles and nervous tissues.

UDI 380M. PETER GOMES: An introduction to the life and career of the Rev'd Peter Gomes, guided study of his two major books, and critical reflection on Gomes's Distinguished Speakers Series presentation.

THE MARIAN LIBRARY/INTERNATIONAL MARIAN RESEARCH INSTITUTE

The Marian Library/International Marian Research Institute is recognized as the world's largest and most comprehensive collection of printed materials on Mary and as one of the world's leading centers for Marian studies.

The Marian Library aims to further study and research and to promote well-founded devotion to Mary. The library comprises a Marian collection—theological treatises, books on shrines, sermon collections, anthologies of Marian poetry—and a complementary reference collection in scripture, patristics, systematic and spiritual theology, history, religious art and general bibliography.

Established in 1943 by the Marianists at the University of Dayton, the Marian Library now holds over 100,000 books and pamphlets in some 50 languages, as well as extensive collections of clippings from newspapers and magazines, postcards, holy cards and Christmas cards. The non-print media collections include video and audio cassettes, statues, nativity sets, Marian art slides, postage stamps, recordings of Marian music and medals.

One of the principal missions of the Marian Library is to be an international center of research and study in Marian theology and on the role of Mary in Christian life. Founded in 1975 at the University of Dayton in affiliation with the Pontifical Theological Faculty Marianum in Rome, the academic program offers the doctorate (S.T.D.) and licentiate (S.T.L.) in sacred theology; and the master's degree in religious studies with a Marian concentration (in conjunction with the Religious Studies Department), a certificate in Marian studies, and a guided studies program. The academic program is organized in a three-year cycle, with courses taught in three sessions: summer, fall and spring. It serves a diverse, international student population: laity, religious and clergy, both men and women. While most students seek advanced degrees in theology with specialization in mariology, others simply wish to satisfy a personal interest in Marian studies.

The Marian Library provides guided tours for groups, a video loan program, circulation of some books, interlibrary loan, reference services, conferences, workshops, and art exhibits. Four publications originate at the Marian Library: *Marian Library Studies*, a scholarly annual of original research; *Marian Studies*, the journal of the Mariological Society of America; *The Marian Library Newsletter*, a newsletter reporting on Marian topics of current interest, the center's activities and book reviews; and *Art and Spirituality*, a series of brief monographs with the purpose of promoting personal meditation through religious art.

Taking advantage of electronic communications, The Marian Library has developed the Mary Page Internet website with news, extensive resources on Mary and related topics, and seasonal meditations.

OFFICE OF EDUCATIONAL SERVICES

The Office of Educational Services provides assistance to Catholic schools and public school districts to enable school personnel to reach policy decisions based on relevant knowledge and value commitments. "Relevant knowledge" includes financial studies, needs assessments, attitude surveys, enrollment projections, and other information necessary for making intelligent decisions about specific policies. "Value commitments" include consideration of educational aims and ethical questions inherent in policy decisions. One of the priorities of the Office is service to Catholic schools. Another is its effort to act as a network linking those who share value concerns as they relate to educational policy-making. The Office is located in, draws support from, and uses the resources of the School of Education.

PRELAW

The Prelaw Program, designed to serve students from all areas of the University, provides those interested in law school with the opportunities to acquire the knowledge and skills necessary for a successful legal career. While students interested in careers in law should choose their undergraduate majors in accord with their interests and abilities, they should also contact the Prelaw Program as early in their undergraduate careers as possible so they can receive effective prelaw advice.

The Prelaw Program, with its six prelaw advisors, provides students with suggestions for courses that help develop skills needed for legal education, with information about the law school admission process, and with aid in taking the Law School Admission Test (LSAT) including simulated tests and prep courses. In addition, the Program sponsors a prelaw internship where students work at legal duties in an attorney's office, a mock trial program where students compete locally, regionally, and nationally, and intensive counseling on an individual basis.

For further information concerning the Prelaw Program at the University of Dayton, students should contact the Prelaw Program secretary in Alumni Hall.

RESEARCH INSTITUTE (UDRI)

The University includes research as one of its stated purposes. In addition to faculty members in academic departments, a large staff of research scientists, engineers, and technicians conduct basic and applied research. Most of these activities are externally funded and are conducted in the laboratories of the University of Dayton Research Institute.

Several hundred students are employed in research programs in accord with the University's emphasis on integration of research and instruction. In addition to financial benefits, this research participation provides students with valuable experience and an exposure to issues at the forefront of contemporary science and engineering.

RESERVE OFFICERS TRAINING CORPS (ROTC)

The Department of Military Science offers the Army ROTC training program on campus, leading to a commission as a second lieutenant in the U.S. Army at the time of graduation. See MIL, Chapter VI.

STRATEGIES FOR RESPONSIBLE DEVELOPMENT

Strategies for Responsible Development (SRD) is the neighborhood development center at the University of Dayton where University and community work in partnership to address urban issues. Founded in 1974, SRD reflects the concern of the Church for social and economic justice, as well as the University's sense of responsibility to the larger community.

On campus, SRD works with faculty to enrich the curriculum with special seminars, neighborhood tours, information, referrals and help in turning community needs into practical service-learning projects. For the greater Dayton community, SRD offers policy-makers and neighborhood organizations access to University resources and SRD's own services. These include: the annual Citylinks neighborhood conference; start-up and planning assistance to neighborhood groups; headquarters for Dayton's AmeriCorps program "Serve with Energy and Talent"; and a resource center that promotes neighborhood leadership, affordable housing efforts, community reinvestment, and new models of community-based economic development.

STUDY ABROAD

AUGSBURG EXCHANGE PROGRAM

Students in the School of Business Administration are eligible to participate in an exchange program with the University of Augsburg in Germany. About thirty business students spend eleven weeks each summer in Augsburg taking courses from both University of Dayton and University of Augsburg faculty. Classes are taught in English, although students are required to take an elementary German course before going to Augsburg. Students may reside in dormitories or apartment units or with host German families. Augsburg and Dayton are sister cities, and the sister city organizations facilitate cultural exchanges while students are in Augsburg. Students are given the opportunity to visit and have discussions with executives of German firms. In addition, several Augsburg students attend the University of Dayton during the regular semesters in the graduate program in business and assist with the exchange program.

INTERDEPARTMENTAL SUMMER STUDY ABROAD PROGRAM

The Interdepartmental Summer Study Abroad Program (ISSAP) was established in 1972 to give students from all majors the opportunity to study and experience one or more foreign cultures. The program is open to anyone attending or eligible to attend the University of Dayton. The program sites, which vary from year to year, are major European cities. Students spend one month at a site with University of Dayton professors and may choose to attend one or two other sites. Various courses are offered at each site, and a variety of disciplines are represented each year. A two-site participant can complete a full semester of course work abroad.

In the past, ISSAP students have studied in Athens, Dublin, Florence, Fribourg, London, Madrid, Munich, Paris, Rome, and Vienna, where they have taken courses in art history, business, communication, foreign languages, history, literature, music, philosophy, photography, political science, religious studies, and sociology. For more information, contact the Center for International Programs.

SUMMER STUDY IN MARBURG, GERMANY

The Summer Study Program in Marburg, Germany, provides a month-long experience of living and studying in a German setting. Students take two classes, one with German professors at a Language School in Marburg and another with the accompanying University of Dayton professor. Program participants live either in a dormitory or with families. One full-day excursion is planned for the group. Because students are expected to use German exclusively, completion of intermediate German or the equivalent is required.

SUMMER STUDY IN MEXICO

The Summer Study in Mexico Program provides an intensive, thirty-day program of immersion in Cuernavaca, where program participants live with Mexican families. Students take two courses with the accompanying University of Dayton professor and Spanish professors at the Cemanahuac Comunidad Educativa. Excursions outside Cuernavaca include a visit to Tepoztlán, Taxco, Xochicalco, Teotihuacán and Mexico City. This program is available to students who have completed elementary Spanish II or the equivalent.

SUMMER STUDY IN QUEBEC

Summer Study in Quebec offers a three or a five-week program of total immersion in Chicoutimi, situated in the beautiful Saguenay-Lac St. Jean region of Quebec. Program participants live with Francophone families. The academic program features intensive language courses at all levels that put emphasis on oral communication, as well as classes in Quebec culture; courses are taught by faculty from the Université du Québec à Chicoutimi. In addition, students participate in workshops with qualified instructors that allow them to practice their linguistic skills while engaging in social, cultural, and sports activities. This program is available to students who have completed elementary French II or the equivalent.

SUMMER STUDY IN SEGOVIA, SPAIN

The Summer Study in Segovia Program is a thirty-day program of total immersion in a Spanish environment. The academic program includes intensive language study as well as courses in culture and literature. To complement their course work, students visit museums, theaters, palaces, and castles in and near Segovia and take tours to such historical sites as Madrid, Toledo, and El Escorial. This program, in which participants are required to use Spanish at all times, is available only to students who have completed intermediate Spanish II or the equivalent.

UNIVERSITY HONORS

The University Honors Program provides unique opportunities for academically gifted undergraduate students to develop their skills and talents in a supportive educational environment. Each year a limited number of entering first-year students from the four undergraduate divisions—Arts and Sciences, Business Administration, Education, and Engineering—are selected from the pool of applicants. Participation in the program entitles these students to numerous benefits and privileges, including eligibility for honors scholarships.

The honors curriculum consists of a sequence of five honors seminars and a thesis. In most instances the seminars fulfill University requirements and fit well into each student's regular course of study. The honors thesis is a major research project selected by the student in the junior year and completed before graduation. Honors research grants are available to cover housing expenses, travel, and supplies. All honors students are expected to maintain a 3.0 grade-point average.

UNIVERSITY SCHOLARS

The University Scholars Program provides curricular offerings, programming, and benefits to undergraduates who have superior academic records. Students earn the designation "University Scholar" in one of two ways. Entering first-year students with outstanding credentials are automatically accepted into the Scholars Program. (They are also eligible to apply for admission to the Honors Program.) Matriculated students who have achieved a 3.5 grade-point average at the end of their first, second, or third years are also designated University Scholars. All Scholars are expected to maintain at least a 3.0 grade-point average.

University Scholars are offered a wide selection of courses each term, ranging from special sections of General Education courses to senior-level seminars. While enrollment in Scholars courses is not mandatory in most instances, first-year University Scholars will usually be placed in English 114. In addition, the program sponsors numerous speakers, cultural events, and at least one symposium each year. Special housing is available for a limited number of Scholars. Upperclass students who have completed at least two Scholars courses are eligible to apply for grants to support their professional and academic development.

University Scholars completing at least sixty semester credit hours are eligible to apply to the Cordell W. Hull International Fellows Fund for University Scholars. Established in 1997-98, this fund awards substantial grants to support undergraduate international learning, leadership, and service projects.

