

X Interdisciplinary, Experimental, and Special Areas

CENTER FOR CHRISTIAN RENEWAL

The Center for Christian Renewal brings the resources of the University and the Catholic and Christian community into cooperation and dialogue with groups in the local community, the archdiocese, the nation, and the world. The Center is a collaborative effort of the Marianist community, the faculty, staff, and students of the University, and the Church community of the Archdiocese of Cincinnati. Activities of the center and its constitutive organizations are made possible by the resources, contributed services, and financial support of the Marianist community. Two of the most important resources the University has to help fashion this response are its resources of a Catholic tradition and its resources as a major center of learning and research. The following three organizations carry out the mission of the Center.

MORES OFFICE—CENTER FOR CREATIVE MINISTRY

The MORES Office—Center for Creative Ministry attempts to develop and strengthen the educational relationship between the University and the religious community of Dayton, with a particular focus on the Catholic Christian community of the Archdiocese of Cincinnati, by cooperating with various community agencies in the joint planning and sponsorship of continuing education programs for adults in the related areas of Church leadership and value, moral, and religious education. The Center collaborates closely with the Department of Religious Studies.

OFFICE OF EDUCATIONAL SERVICES

The Office of Educational Services provides assistance to schools and 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. The Office shares in the purposes of Catholic education. One of its priorities is service to Catholic schools. Another is its effort to act as a network linking individuals 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.

STRATEGIES FOR RESPONSIBLE DEVELOPMENT

Strategies for Responsible Development has as its purpose to further distributive justice through education, outreach, and research. It joins the technical resources of the University with growing Church ministries aimed at human development and social justice. Founded by the Marianists at UD in 1974, SRD assists the University in interacting with and learning from other cultures. In addition to its contributions to courses in the international development minor, SRD sponsors projects that increase awareness of social justice issues by putting faculty, students, and research staff in touch with less developed peoples. Projects have included ministry to migrant farm worker families in Ohio; a community garden and solar greenhouse in Dayton; courses of undergraduate study involving a Third World experience; collaboration with a Canadian agency in integrated rural development in Niger, West Africa; and consulting assignments in planning and management. In all its efforts, SRD is committed to preparing people who can responsibly foresee and address the social, economic, and ecological effects of development.

COMPUTER CENTER

In the Computer Center, the University's Office for Computing Activities (OCA) operates a large time-sharing computer for the benefit of students, faculty, and staff as well as for academic support services, the registration process, and many other administrative functions.

Various academic departments offer courses in or involving programming and the use of the computer, for which students regularly come to OCA's Data Center to do assignments. In addition, students not enrolled in courses specifically requiring computer use may learn about it and gain experience on a first-come, first-served basis once they have received identifying numbers (applied for at the Office for Computing Activities). The open-shop terminals and keypunch machines are available for those who need them. The Bookstore sells manuals produced by the staff to explain the Computer Center's program library, equipment, and capabilities.

Student dispatchers, consultants, and programmers are hired each year to assist the staff in providing computing service to the University community. Students interested in working as any of these are encouraged to visit the office of the assistant director for computer operations, the assistant director for academic computing, or the director of OCA.

CONTINUING EDUCATION

The Office of Continuing Education especially serves adults of the Dayton community who are not full-time students. It introduces to them, and facilitates their entry into, courses and programs the University offers that they may find useful to any number of their own purposes. It counsels them in such perhaps seemingly technical matters as arranging proficiency examinations for advanced placement, transferring credits, and selecting courses and/or concentrations that best suit their needs. It helps them adapt the University's broad range of academic offerings to their personal schedules, aptitudes, and interests.

The Office of Continuing Education also originates, administers, and coordinates specialized noncredit courses serving the entire Dayton area as well as

interested students at the University. These courses are in great variety. They include continuing education for the adult community that may take the form of sequentially scheduled evening or Saturday classes or of workshops, lectures, seminars, institutes, or informal discussion groups. They include also courses with such special purposes as management development for particular businesses, industries, schools, and professions as well as for the general public. Continuing Education Units (CEU's) are awarded for selected programs.

Among the services of the Office of Continuing Education most valued by academic departments is its sponsoring of preterm courses in American English usage, taken by both graduate and undergraduate students for whom English is a second language.

Minicourses are special, short-term, credited courses developed by students and/or faculty to meet specific, sometimes highly current needs or interests not provided for in the regular curricula. They are offered to all students through the Office of Continuing Education as well as by academic departments. The typical minicourse carries one semester hour of credit, which implies fifteen class hours. Classes can be in various sequences, extending over several weeks or concentrated within a few days. (Some minicourses take the form of workshops.) Occurring at various times in the year, minicourses are well publicized on campus. They can be added to students' schedules during the term.

COOPERATIVE EDUCATION

Cooperative education is an optional program 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 sixteen 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 semester of academic study.

COOPERATIVE EDUCATION CALENDAR

		Aug.-Dec. 1st Term	Jan.-Apr. 2nd Term	May-Aug. 3rd Term
1st Year	Group A	Study 1	Study 2	Study 3
	Group B	Study 1	Study 2	Vacation
2nd Year	Group A	Work A	Study 4	Work B
	Group B	Study 3	Work A	Study 4
3rd Year	Group A	Study 5	Work C	Study 6
	Group B	Work B	Study 5	Work C
4th Year	Group A	Work D	Study 7	Work E
	Group B	Study 6	Work D	Study 7
5th Year	Group A	Study 8	—	—
	Group B	Work E	Study 8	—

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; and (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), Systems Analysis (SYA).

SCHOOL OF BUSINESS: Accounting (ACC), Economics (ECO), Finance (FIN), Management (MGT), Marketing (MKT).

SCHOOL OF ENGINEERING: Chemical Engineering (CME), Chemical Technology (CTI), Electrical Engineering (ELE), Electronic Engineering Technology (ETI), Industrial Engineering Technology (ITI), Mechanical Engineering (MEE), Mechanical Engineering Technology (MTI).

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

Incoming freshmen or transfer students interested in cooperative education should attend a Co-op New Student Seminar during the new student orientation week in August or 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 filing an application and having an initial interview with one of the coordinators. Students who start 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 at least one full-time study term on campus after transferring before becoming eligible to be interviewed for the first work-training term.

Further information on the cooperative education program may be obtained by writing or calling the Director of Cooperative Education, University of Dayton, Dayton, Ohio 45469; telephone (513) 229-3914.

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.

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 consult 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 semi-

tutorial basis for students who have proven their ability and their motivation to work alone.

HUMAN RELATIONS

The Human Relations Office, in St. Mary's Hall, Room 122, provides services in three distinct areas to students, faculty, and administrative staff. These are Affirmative Action/Equal Employment Opportunity (AA/EEO) compliance, community relations, and facilitating inter-group communication among student groups, faculty, and students. The Human Relations director 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.

The Office serves as an important link between the University and the Dayton Black Community.

The Human Relations Office also has a primary interest in the affairs of minority students. These interests are functionalized in personal and group counseling, academic and cultural program support, and a variety of "how-to" services.

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), VIII (EDI), IX (ENI, TII).

UNIVERSITY-WIDE INTERDISCIPLINARY (UDI)

Courses considered suitable for the UDI designation are submitted for approval to the Committee on Review of Experimentation (CORE), which is accountable to the Vice President for Academic Affairs and Provost.

The following courses have been offered at least once from the first term of 1980-81 through the summer of 1982.

COURSES OF INSTRUCTION

UDI 156M. IMPROVING STUDY SKILLS: Study habits, time management, effective reading, reading habits, memory improvement and other topics related to study skills.

No credit

UDI 157. DID YOU HEAR WHAT I MEAN? Communication principles and skills in self-awareness and awareness of others; verbal communication styles and patterns in relationships. *1 sem. hr.*

UDI 175M. DIPPING INTO WELL-NESS: Developing skills in stress management and self-awareness helpful in academic endeavor as well as in life in general. Discussion of stress and its implications, completing a stress index, dealing with stress; relaxation techniques; self-assessment activities including identifying and grouping interests and skills, identifying and weighing values. *1 sem. hr.*

UDI 222M. BLACK WOMEN IN AMERICA: Discussions with outstanding black professional women on the contributions black women have made in education, politics, literature, performing arts, and civil rights. *1 sem. hr.*

UDI 225M. RAPE: BREAKING THE SILENCE: A seminar overview of the rape issue: services offered by Victim-Witness Center, methods of self-defense, examination procedures for rape victims, attitudes of society towards victims, psychology of the offender, biblical references, legal aspects, and the implications of the Rideout case. *1 sem. hr.*

UDI 226M. WOMEN IN SCIENCE: For women intending careers in science, especially in areas previously male-dominated. Study of lives of famous women scientists and of certain psychological methods to enable the students to better establish their identities as scientists or medical doctors and to surmount difficulties unique to women in such fields. *1 sem. hr.*

UDI 228M. FOCUS ON WOMEN: Interdisciplinary seminar on the changing roles and status of women. See also ASI 228. *1 sem. hr.*

UDI 232M. RESPONSIBILITY IN A HUNGRY WORLD: Exploration of social and personal responsibility for solving the problem of world hunger; identification and analysis of hunger problems globally and locally; participation in the local events of Hunger Awareness Week. *1 sem. hr.*

UDI 234M. THE BLACK FAMILY—IS THERE A DIFFERENCE? An introduction to the problems black families are facing in the 1980's. *0.5 sem. hr.*

UDI 236M. BLACK CONCERT CHORUS: Black music past and present: black classical composers, spirituals, hymns, and Gospel-oriented music. Admission only by audition. *0.3 or 1 sem. hr.*

UDI 237M. PERSONAL DECISION-MAKING: The conceptual framework of confluent value development; utilizing these concepts in such personal decision-making as educational and career planning, developing satisfying relationships, and using time productively. *2 sem. hrs.*

UDI 241. PERSPECTIVES FOR PEACE: Various perspectives for peace; the possibilities of world peace. *1 sem. hr.*

UDI 309M. BASIC MEDICAL TERMINOLOGY I: Building a medical vocabulary based on Greek and Latin; study of prefixes and suffixes to enable students to recognize meanings of most commonly used medical terminology. *1 sem. hr.*

UDI 333M. INTERNATIONAL DEVELOPMENT AWARENESS: Course in conjunction with International Development Week. Political, economic, social, and ethical aspects of development and development assistance. *1 sem. hr.*

UDI 334M. STRATFORD SHAKESPEARE: Preparation for experiencing Shakespearean drama. Restricted to participants in the Stratford (Ontario) Drama Festival Tour. *1 sem. hr.*

UDI 335M. MINORITIES AND THE CRIMINAL JUSTICE SYSTEM: Discussions with professionals in the criminal justice system. The impact of the system on minorities, from the policing of communities to the disposition of cases. *1 sem. hr.*

UDI 336M. RELIEF CARE PROVIDER TRAINING PROGRAM: Students provide relief care for the handicapped. The Division of Residential Services of the Montgomery County Board of Mental Retardation will certify participants to be employed by families of persons with developmental disabilities. *1 sem. hr.*

UDI 338M. WRITER'S WORKSHOP: "Hands-on" experience in creative, journalistic, and free-lance writing. Students prepare for the workshop in a preliminary meeting, attend the Distinguished Speakers Series appearance of an established writer, and participate in an all-day workshop. *1 sem. hr.*

UDI 361. EUROPEAN AND AMERICAN STUDENTS IN DIALOGUE: Exploration of differences between the European Catholic Church and the American Catholic Church and between the European student and the American student. Study, discussions, lectures, and dialogue to acquaint students with European thought. *1-3 sem. hrs.*

INTERNATIONAL EDUCATION SERVICES

An international student advisor provides individual counseling to all international students on immigration and financial and social needs, offering assistance in such matters as housing, meal tickets, and campus jobs. She is always available in emergencies. Arrangements to see the international student advisor should be made within twenty-four hours of a new student's arrival on campus.

The coordinator, International Services, is available to assist international students with all matters pertaining to admissions, including the evaluation of foreign credentials to determine the amount of credit transferable to the University of Dayton.

MARIAN LIBRARY

The Marian Library, on the seventh floor of the Roesch Library, houses the world's largest collection of theological, artistic, and devotional literature dedicated to the Virgin Mary. Scholars from many nations have been using its resources, which include 61,000 books and pamphlets in over fifty languages (several thousand printed before 1800), runs of 125 periodicals, a clipping file of 43,000 items, some 200 microforms, and a large philatelic collection, as well as medals, slides, photographs, and other pictorial materials. This assemblage of Mariana is supplemented by works on the history of printing, national and regional bibliographies, reference tools for studies of the Bible, of ecclesiastical

and dogmatic history, and of Christian art, with special emphasis on the art of the Eastern Churches and medieval Europe.

Professors can make arrangements for special class sessions at the Marian Library on such topics as the history of printing, Christian art, and the development of the Marian cult. The Marian Library features exhibits of its holdings and sponsors occasional lectures by visiting speakers. A recently inaugurated International Marian Research Institute (IMRI) offers programs of study at the graduate level in Christology, Mariology, and Ecclesiology. It also prepares candidates for the Pontifical doctoral degree in theology. The Marian Library publishes a scholarly annual called *Marian Library Studies*. This multilingual journal is intended to promote the renewal and development of scientific studies in Mariology by integrating them with other spheres of research such as the critical edition of texts, historical bibliography, comparative studies in theology, psychology, and religious anthropology.

PRE-LAW

At the University of Dayton, pre-law, as such, is not a major. There is no given major that serves as a prerequisite to any law school. Moreover, entering students at the University need not select their majors immediately. Instead, they may simply declare their interest in pre-law. Pre-law counseling at the University will aid them in selecting courses. The choice of a specific major may come later.

Law schools generally recommend that students planning careers in law select undergraduate majors according to their interests and abilities. They suggest that their undergraduate programs provide them with courses that will assist them in developing certain skills or abilities necessary to success in law school and pertinent to a career in the law. They are virtually unanimous in recommending that undergraduate course work focus on four general areas of concentration. Disciplines providing courses that allow for this concentration may be found across the University, both within and without the student's major field of study. The skills and abilities that are most recommended are the following:

1. *An analytic, conceptual facility* (e.g., philosophy, literature, mathematics, languages, scientific methodology)
2. *Proficiency in writing and communication skills* (e.g., composition, expository writing, argumentation, research papers)
3. *A familiarity with the American legal and political system* (e.g., political science, history)
4. *A familiarity with basic accounting concepts and principles of economics* (e.g., accounting, economics)

The function of the Pre-Law Committee at the University is to aid students in their search across the University for the opportunity to develop in these four areas. In addition, members of the committee can provide students with current information pertaining to the LSAT, law school recruitment, and requirements of law schools in general and in particular. Two special services of the Pre-Law Committee are a "practice" LSAT offered three times a year and a pre-law internship, in which students perform legal duties in attorney's offices and receive course credit.

Committee members offer individual and intensive counseling according to each student's needs. The following professors are members of the Pre-Law

Committee: Roberta Alexander (History), Gerald Kerns (Political Science), Patricia Labadie (English), Michael Payne (Philosophy), and John Weiler (Economics and Finance).

For further information concerning pre-law at U.D., contact the committee chairperson, Professor Gerald E. Kerns, Department of Political Science, University of Dayton, Dayton, Ohio 45469.

PRIOR LEARNING THROUGH EXPERIENCE

A matriculated student 26 years of age or over may earn University credit for prior learning acquired in work experience, in community service, or in other ways outside college- and university-sponsored programs of study. Credit is determined and awarded through the College of Arts and Sciences after faculty assessment of a portfolio documenting the learning thus acquired. Any student interested in pursuing this option should request approval of his or her dean and then consult with the Self-Directed Learning Office (SDL).

RESEARCH INSTITUTE

The University has extensive laboratory facilities and a large staff of scientists, engineers, and technicians for the pursuit of basic and applied research. Employment of students on sponsored research programs is encouraged as part of the University's emphasis on the integration of research and instructional activities. In addition to financial benefits, this participation in research provides students with valuable experience and an exposure to issues at the forefront of contemporary science and technology.

Research projects involving a single discipline are normally conducted by the appropriate academic department, whereas multidisciplinary projects are usually conducted in research facilities under the direct jurisdiction of the Research Institute.

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.

STUDY ABROAD

BUSINESS SUMMER STUDY ABROAD

The Business Summer Study Abroad program is open to all students with junior class or higher standing who have completed a minimum of twelve semester hours of business courses. The objectives of the program are to (1) have the students understand the concepts, techniques, and problems involved in international business, (2) raise the students' consciousness of the importance of culture to business in foreign environments, and (3) expose the students to

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the various approaches to conducting international business through visits and discussions with executives of U.S. and foreign international firms.

The term, of approximately one month's duration, will coincide with one of the ISSAP sessions to allow students to participate in both programs. The sites visited will vary from year to year but will normally be England and two or three other European countries. School of Business faculty will usually teach BAI 301, Practicum in International Business, and upper-division electives in their fields of expertise.

GEOLOGY FIELD COURSE—BRITISH ISLES

The Department of Geology conducts its course in field geology (GEO 303) on alternate years in the United Kingdom. In addition to practicing standard techniques of geologic mapping, students are presented with a variety of problems in structural, stratigraphic, and petrologic interpretations. Of particular interest are visits made to classic localities, such as Hutton's unconformity in Scotland and the Murchison-Sedgwick controversial Cambrian area of Wales, that were significant in the development of the earth sciences. Travel in the United Kingdom is by minibus, and lodging is at country inns.

INTERDEPARTMENTAL SUMMER STUDIES ABROAD

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 three European cities. Students spend nearly one month at each of the sites with University of Dayton professors and may choose to attend at one, two, or three of the sites. Various courses are offered at each site, and a variety of disciplines is represented each year. A three-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 arts, foreign languages, history, literature, music, philosophy, photography, political science, and religious studies.

SUMMER STUDY IN MADRID

The Summer Study in Madrid Program is an intensive thirty-day program of total immersion in a Spanish environment. Students live in the Marques de la Ensenada Dormitory at the University of Madrid, with very close access to many museums, theaters, palaces, castles, restaurants, and cafes. As a part of the curriculum there are tours to such historical sites as Burgos, Segovia, Toledo, and El Escorial, as well as visits to El Prado, Museo de Artes Modernas, and many other museums, art exhibitions, and theaters in Madrid. This program, in which participants are required to use Spanish at all times, is available only to upper-level students. Students receive credit under course SPN 470.

SUMMER STUDY IN PARIS

The Summer Study in Paris Program, begun in 1977, is an intensive one-month experience of living in a totally French environment. This program is available only to upper-level students who can converse in French. The group is lodged at the Institution Sainte Marie-La Croix, a school in Antony, a south suburb of Paris. Students benefit from easy access to downtown Paris through the *métro* and from the small-town atmosphere of Antony. For one month they are required to speak only French and to take two or three courses in topics based on the available local culture such as French cinema, theatre, arts, and crafts; historical Paris; and France and the French. Visits to important sites near Paris (Versailles, Fontainebleau) and trips elsewhere in France (Mont Saint Michel, Nice, Lourdes) are worked into the curriculum. Students taking this program receive credit under course FRN 470.

UNIVERSITY HONORS PROGRAM

The University Honors Program is designed to provide unique opportunities for academically gifted undergraduate students to develop their intellectual talents and interests. Each year the Honors Council selects a limited number of entering students from the various undergraduate divisions—Arts and Sciences, Business Administration, Education, and Engineering—to participate in the program. Membership entitles these students to certain University privileges and demands of them a rigorous commitment to academic excellence. Honor seminars, often interdisciplinary, are offered to these students each semester through the beginning of the junior year. These are followed by a thesis or its equivalent to be completed by each student in his or her major area of concentration.

To graduate in the University Honors Program, students must successfully complete 21 semester hours of honors credit and maintain a cumulative grade point average of 3.5.

WVUD-FM

WVUD-FM is a 50,000-watt commercial stereo broadcast station situated on campus in the Kennedy Union building. While serving the Dayton metropolitan area 24 hours a day at 99.9 mhz, the station is utilized as a student training facility. Over half of the station's employees are students. Priority is given to those majoring in communication arts, performing and visual arts, marketing, management, and electrical engineering; however, all undergraduate UD students are eligible for employment. The station competes favorably with other commercial stations in the market by positioning itself as "Hit Radio 100."