
VI INTERDISCIPLINARY AND JOINT STUDIES

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INDIVIDUAL INTERDISCIPLINARY PROGRAM

The University of Dayton, under the direction of the Associate Provost, offers individual interdisciplinary programs designed by the student in cooperation with an advisor and representatives from the selected programs. Applicants must have a Bachelor's degree with a general cumulative point average of 2.8 or above, and are expected to submit a formal written request for an individually designed interdisciplinary program to the graduate council.

The interdisciplinary program does not take the place of an established graduate program. Rather, it is a specific program drawn from several disciplines to meet a special need, frequently for job-related requirements. It must produce interrelated applications of specific disciplines and skills at the graduate level. For instance, a clinical dietitian employed in a hospital may seek graduate level expertise in counseling and education for patients with chemical dependencies and for teaching interns. Such a student finds that a Master of Science in the interdisciplinary program serves the special needs for a broader knowledge base encompassing physiology, communication, and counseling. Under the direction of an advisor and a committee of professors from the required areas, a proposed course of study can be defined for this student, submitted to the graduate council, and after approval, carried out under the advisor's supervision.

Or, to take an instance in the humanities, a student may seek graduate level expertise in historical preservation. Such a student seeks more general learning and professional expertise, and finds that a Master of Arts in the interdisciplinary program serves special needs in history, art, and public administration. Again, under the direction of an advisor and a committee of professors from the required areas, a special course of study can be defined for the student, submitted to the graduate council, and after approval, carried out under the advisor's supervision.

The degree will be either a Master of Arts or a Master of Science. The Program should involve several disciplines and be directed by one faculty member from each discipline. The three faculty members constitute the advisory committee. The final program will be drawn up and approved by the advisory committee. Copies will be sent to the chair of the departments involved.

Of a minimum of 30 semester credit hours required, 15 may be divided between directed study and a thesis, but must be related to the interdisciplinary areas; and 6 semester credit hours of electives in more distantly related areas may also be chosen.

The formal request for an individual interdisciplinary program must include:

1. A general description of the proposed course of study and the reasons for choosing such an interdisciplinary program, rather than one offered in a single department.
2. The courses (at least 15 semester hours) which will be taken and the department involved in the overall work.
3. If a project or thesis is desired, a clear statement of the specific nature of the topic, the research intended, and the purpose of the project or thesis.

OTHER INTERDISCIPLINARY PROGRAMS

AMERICAN STUDIES (AMS)*

Francis J. Henninger, Program Director

The College of Arts and Sciences, under the guidance of the program director and an advisory committee composed of the representatives of several supporting disciplines, offers the Masters of Arts in American Studies. The supporting disciplines are Economics, English, Teacher Education, History, Philosophy, Political Science, Psychology, and Religious Studies. See Chapter VII for details of the program.

**At this time, students are not admitted into the program.*

THE JURIS DOCTOR/MASTER OF BUSINESS ADMINISTRATION PROGRAM

Program Directors, Francis J. Conte, J.D., Dean,

University of Dayton Law School;

Dr. Rebecca Yates, Associate Dean, Business Administration

The JD/MBA joint degree program is an integrated program of studies which leads to both the Juris Doctor and the Master of Business Administration degrees. The joint degree program is a response to a growing need for professionals trained in both fields. The increasing complexity of the law in the Corporate, Tax, and other business related fields has placed new demands upon the attorney, whether in private practice, on the corporate law staff of a firm, or in government work involving business and economic regulation. The combined degree program also provides a potent program of professional study for those who either contemplate or wish to be prepared for law-related and executive positions. The joint program provides both a complete program of legal education and graduate level training in business, management, and economics. See Chapter VIII for details of the program.

CLINICAL LABORATORY TECHNOLOGY (CLT)*

Charles J. Chantell, Program Director

The Master of Clinical Laboratory Technology program educates practicing clinical laboratory scientists (MT, CT, NMT) who wish to work in health science administration or laboratory education. The CLT is an interdisciplinary program that uses clinical faculty and cooperating faculty members in the Schools of Education, Business Administration, and the College of Arts and Sciences.

Direct application of the material gained in course work is ensured during a personalized practicum under the direction of clinical faculty. See Chapter VII for details of the program.

**At this time, students are not admitted into the program.*

COMMUNICATION (CAI) INTERDISCIPLINARY PROGRAM

Donald B. Morlan, Program Director

The Communication interdisciplinary study program leads to the Master of Arts. It requires 24 semester hours of study in Communication, 12 semester hours of study in one of several designated interdisciplinary areas, followed by oral comprehensive examinations on both the course work and the thesis. See Chapter VII.

ELECTRO-OPTICS (EOP)

Mohammad A. Karim, Program Director

The program of study for the Master of Science in Electro-Optics is an interdisciplinary program administered by the School of Engineering with the cooperative support of the College of Arts and Sciences. This interdisciplinary activity is coordinated by the Center for Electro-Optics with active participation of the Electrical Engineering and Physics departments and the University of Dayton Research Institute.

State-of-the-art graduate electro-optics courses have been designed to prepare electrical engineers and physicists for careers in the evolving electro-optics field. Facilities at the University include 14 laboratories devoted to electro-optics research. Because we are located within minutes of Wright-Patterson Air Force Base, opportunities are often available to electro-optics graduate students to work at one of the many government laboratories at this facility.

Campus-based research and development programs and work at sponsors' laboratories provide a wide variety of areas for thesis concentration. Those areas include scanners and readers, sensors, optical inspection, laser and optical material characterization, holographic systems, fiber optics communication, laser radar, nondestructive testing, spectroscopic studies, infrared systems, night vision displays, pattern recognition, and stereolithography. Those activities provide a limited number of opportunities for matriculated electro-optics graduate students to work with established researchers as graduate assistants. See Chapter X.

INTERNATIONAL MARIAN RESEARCH INSTITUTE (IMRI)

Johann G. Roten, S. M., Program Director

To facilitate and encourage Marian Studies in the United States and abroad, the International Marian Research Institute (IMRI) was founded in 1975 at the University of Dayton in affiliation with the Roman Pontifical Theological Faculty Marianum.

Since its approval by the Sacred Congregation for Catholic Education, IMRI has organized annual graduate-level summer schools to promote the programs of Marian Studies established by the Marianum. IMRI enables students to prepare for the licentiate of sacred theology (S.T.L.) and the doctorate of sacred theology (S.T.D.) with specialization in mariology, to earn a certificate in Marian Studies, or to work toward a master's degree in religious studies with specialization in mariology from the Department of Religious Studies at the University of Dayton, offered in a joint program.

The International Marian Research Institute is one of the world's leading centers for mariological studies. However, IMRI is also involved in the promotion of interdisciplinary studies and continued scholarly research.

IMRI organizes its intensive program of Marian Studies in a cycle of three annual summer sessions. Core courses explore such topics as "Mary and Ecumenism," Mary in the patristic, medieval and modern periods, "Mariology of Vatican II and Today," "Marian Spirituality," and "Mary and Liturgy." However, mariology is intimately related to other theological disciplines. Also offered are introductory courses such as research methodology, studies in christology, ecclesiology, spirituality, theological anthropology and various electives.

A primary resource for students studying at IMRI is The Marian Library, the world's largest and most comprehensive collection of materials devoted to studies on Marian doctrine and devotion.

The faculty includes scholars and teachers who are experts in philosophy, scripture, mariology, spirituality, ecclesiology, patristics or christology; world-renowned theologians often join the faculty as guest teachers or lecturers.

TEACHER EDUCATION (EDT) INTERDISCIPLINARY PROGRAM

Thomas J. Lasley, Chair

James R. Biddle, Assistant Chair

The Department of Teacher Education in the School of Education offers an opportunity for students to develop an individually designed program in a specific area in Education. Students have developed concentrations in such areas as gifted education, adult education, and values education. With the assistance of the faculty, students develop a plan through a selection of offerings in Teacher Education and other departments. See Chapter IX and consult with assistant chair or the chair of the department.