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## VI INTERDISCIPLINARY AND JOINT STUDIES

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Gordon A. Sargent, Vice President for Graduate Studies and Research, and Dean of the Graduate School  
Katy E. Marre, Associate Vice President for Graduate Studies and Research

### INDIVIDUAL INTERDISCIPLINARY PROGRAMS

The University of Dayton, under the direction of the Vice President for Graduate Studies and Research and Dean of the Graduate School, offers individual interdisciplinary programs designed by the student in cooperation with an advisor and representatives from the selected programs. Applicants must have an undergraduate 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

#### Juris Doctor/Master of Business Administration Program

Program Directors:

Susan Brenner, J.D., Associate Dean for Academic Affairs, Law School  
Janice Glynn, Associate Dean and Director, MBA Program, School of 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. See Chapter VIII for details of the program.

Information concerning the University of Dayton School of Law and its academic programs is contained in the School of Law Bulletin which is available directly from the School

of Law, Office of Admission and Financial Aid, 300 College Park, Dayton, Ohio 45469-1320, Phone 937-229-3555.

### **Communication (CAI) Interdisciplinary Program**

James D. Robinson,  
Director of Graduate Studies

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 coursework and the thesis. See Chapter VII for program details.

### **Electro-Optics (EOP)**

Joseph W. Haus,  
Program Director

The programs of study for the Master of Science and Doctor of Philosophy in Electro-Optics are 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. See Chapter X for program details.

### **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. Housed in the Marian Library, IMRI offers annual graduate-level summer schools on a three-year cycle to promote the programs of Marian Studies established by the Marianum. World-renowned theologians often join the faculty as guest instructors or lecturers.

Through IMRI, students can work toward a Pontifical Licentiate of Sacred Theology (S.T.L.) or Doctorate of Sacred Theology (S.T.D.)—each with specialization in Mariology—a certificate in Marian Studies, or a master's degree in religious studies with specialization in Mariology from the University's Department of Religious Studies, offered in a joint

program. Course offerings include studies in Mariology, Christology, ecclesiology, spirituality, and theological anthropology.

Recognized as one of the world's leading centers for Mariological studies, the International Marian Research Institute also is committed to scholarly Marian research and the promotion of Marian art.

Admission is approved by the director of IMRI and an advisory council.

### **Teacher Education (EDT) Interdisciplinary Program**

Patricia Hart  
Chair, Department of Teacher  
Education

The Department of Teacher Education in the School of Education & Allied Professions 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 the assistant chair or the chair of the department for more details.