

DMA 3823 DVD Design and Authoring **Three hours**

An introduction to the concepts and structure of creating the content and authoring an interactive title for DVD. A variety of digital tools and procedures are employed, including scripting, text editing, graphics processing, and DVD design. Prerequisite: DMA 2733

Offered fall semester

DMA 3853 2D Vector Animation **Three hours**

Production of two-dimensional animated works with computer-generated artwork. The concepts and techniques of vector art communication are explored. Prerequisite: DMA 2733

Offered fall semester

DMA 3963 Internship: Siggraph Conference **Three hours**

Participation as a student intern at the national Siggraph computer conference. Duties are outlined by Siggraph and ACM. Prerequisite: consent of instructor

Offered summer

DMA 3973 Internship: Digital Media Missions **Three hours**

Service as a media arts specialist in an overseas or missions context. Acceptable venues are established by the DMA Department. Students provide assistance to the designated service organization while simultaneously learning to adapt their University training to unfamiliar cultural and technological settings. Prerequisite: consent of instructor

Offered summer

DMA 4473 Internship **Three hours**

Practical experience working under the supervision of a qualified professional in the digital media field. Prerequisites: consent of instructor

Offered each semester

DMA 4982 Senior Comprehensive Project **Two hours**

Original interactive creative works demonstrating proficiency in the fundamental and specialized areas of digital media. Prospective graduates glean assistance through seminar discussion and interactive critiques as they refine their creative portfolios in preparation for the realities of the professional world. Prerequisite: consent of instructor

Offered each semester

ECN (Economics)

ECN 2002 Basic Economics **Two hours**

A University Core course in the fundamental principles of economics, emphasizing the economic skills people need to succeed in life. Microeconomic topics include personal consumption, supply and demand, competition, and income distribution. Macroeconomic topics include the role of money, banking system, and the federal government's role in addressing the problems of inflation and unemployment.

Offered each semester

ECN 2043 Economies of the European Community **Three hours**

Introduction to micro- and macroeconomic issues through consideration of the Irish economy and the larger environment of the United Kingdom and the European union. Students have the opportunity to meet leading business and trade union figures in Ireland and to visit industrial development bodies and financial and business organizations, with a view to become conversant in economic theories and their application to decision-making in private and public sector organizations. May substitute for ECN 2002 in the Core Curriculum.

Offered summer, Irish Studies Program

ECN 2093H Honors: Basic Economics **Three hours**

A study of the market economy and the government's role in maintaining economic stability. Designed to equip the student with an information base needed for effective stewardship and for working within the political process to promote economic progress. Extensive use of individual, team, and class projects. Prerequisite: admission to the Honors Program or permission of the Honors Committee

Offered spring semester

ECN 2113 Principles of Microeconomics **Three hours**

A study of the market mechanism including supply and demand, price theory and output determination, income distribution, and the role of competition. Microeconomic problems such as pollution, poverty, and farm income are considered.

Offered fall semester

ECN 2123 Principles of Macroeconomics **Three hours**

A study of national income accounting, the determination of national output and employment levels, the banking system, monetary theory and stabilization policy. Inflation, unemployment, lagging productivity, economic growth, balance of payments, and the public debt are considered from the Keynesian, monetarist, and supply-side perspectives. Prerequisite: ECN 2113

Offered spring semester

ECN 3133 Money and Banking **Three hours**

Examines the U.S. banking system, its relation to the business community and the role it plays in the pursuit of national economic goals. Topics include monetary policy, interest rates, the Federal Reserve, commercial banking, the U.S. Treasury, and the impact of monetary conditions on the U.S. balance of payments. Prerequisite: ECN 2123

Offered spring semester

ECN 3203 Economic Development **Three hours**

Study of processes and strategies of economic development with an emphasis on developing countries. Application of economic theories leading to an understanding of development policies. Prerequisite: ECN 2123 (or 2002)

Offered fall semester (odd-numbered years)

ECN 3213 Managerial Economics **Three hours**

Application of microeconomic theory and analysis to business and administrative problems. Topics include demand analysis, production and cost analysis, market structures and pricing practices, regulation, risk, and capital budgeting. Prerequisites: ECN 2123 (or 2002), MTH 1113

Offered fall semester (even-numbered years)

ECN 3223 Current Economic Topics Seminar **Three hours**
Examination of selected topics of current interest in economics. May be repeated for credit as topics change. Prerequisite: ECN 2123 (or 2002)
Offered spring semester (even-numbered years)

ECN 4103 International Trade **Three hours**
Highlights the interdependence of nations in a global economy. Includes trade theory, the costs and benefits of trade restrictions, the determination of exchange rates, international monetary systems, the effects of domestic economic policies on a nation's trade balance and trade relations with other nations, and the causes and effects of current international trade problems. Prerequisite: ECN 2123 (or 2002)
Offered fall semester

ECN 4131, 4132, 4133 Selected Topics **One to three hours**
A course offering students opportunities to study subjects of special interest. May be offered on a group basis in a classroom setting or as independent study under faculty supervision. Prerequisite: junior standing and consent of instructor
Offered upon sufficient request and instructor

ECN 4993 Senior Research Project **Three hours**
Individual, intensive study and presentation an approved topic. This project is integrative in nature and is to be completed during the student's final year of study. Prerequisites: senior standing and consent of instructor
Offered spring semester

ED (Teacher Education)

ED 1113 Introduction to Education **Three hours**
Orientation to the field of education, with emphasis upon American public education, its history, organization, curricula, functions, and relationship to a multicultural society. The importance of professional development is stressed and an on-going professional portfolio is begun. Field experiences and reports are included.
Offered each semester

ED 2113 Human Growth and Development **Three hours**
A foundational course dealing with physical, mental, emotional, social, and cultural aspects of individual development from prenatal through adolescence. Emphasis is placed on the Piagetian Stages and sociocultural theory. Field assignments require the observation of children from early childhood through adolescence with an emphasis on cultural diversity. Prerequisite: PSY 1013
Offered spring semester

ED 2123 Educational Communications and Technology **Three hours**
A basic course in design, production and utilization of various types of educational media and graphics for P-12 classroom use; instruction in the availability and use of ready-made materials and audiovisual equipment; competency in classroom-related computer applications, and evaluation techniques for emerging technologies. Prerequisite or corequisite: ED 1113
Offered each semester