ECONOMIC SYSTEMS DESIGN MINOR

Banner Code: ESD

Academic Advising

D150 Mason Hall
Fairfax Campus

Website: economics.gmu.edu/programs/la-minor-econ-esd

The design of processes that efficiently allocate resources and foster exchange are crucial in society, organizations, personal interactions, and individual decision-making. Economic systems design is the scientific study of the design, development, testing, and understanding of economic institutions. Economic systems design explores problems in the design of allocation systems and provides a method to develop and test the properties of such systems. A minor in economic systems design prepares students to undertake the scientific process of understanding and developing systems of exchange and their incentives. The skills offered through this minor can be of use to e-commerce designers, policy analysts, systems designers, engineers, and computer scientists.

Admissions & Policies

Policies

Eight credits of coursework must be unique to the minor and students must complete all coursework with a minimum GPA of 2.00. For policies governing all minors, see AP.5.3.4 Minors.

Requirements

Minor Requirements

Total credits: 15

Students should be aware of the specific policies associated with this program, located on the Admissions & Policies tab.

Core Courses

ECON 440	Economic Systems Design: Principles and Experiments	3
ECON 441	Economic Systems Design: Case Studies and Analysis	3
ECON 442	Economic Systems Design: Implementation	3
Total Credits		9

Electives

Students can choose from the courses below or others chosen in consultation with the director of the minor.

Select 6 credits from the following:		6
MIS 491	Seminar in Management Information Systems	
MATH 441	Deterministic Operations Research	
SYST 420	Network Analysis	
SYST 470	Human Factors Engineering	
CS 480	Introduction to Artificial Intelligence	
CS 483	Analysis of Algorithms	
ECON 335	Environmental Economics	
ECON 415	Law and Economics	
Total Credits		6