

C S 399 **INTERNSHIP IN COMPUTER SCIENCE (1-12)** *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration.* Internships occur in businesses or other institutions involved in computer science-related work. (See “Internships.”)

C S 451-452 **SENIOR PROJECT (3,3)** *Prerequisites: C S 242 and senior standing.* This is a capstone course in which the student proposes and completes an independent research or development project. Research projects involve review of significant literature and the writing of a major technical paper, which may require design, implementation, and evaluation of experimental systems. Development projects require full system specifications, system design and analysis, user documentation, and complete, well documented source code.

CRIMINOLOGY COURSES (CRIM)

CRIM 241 **CRIMINOLOGY (3)** This course is a sociological analysis of the nature and extent of criminal behavior in the United States and around the world. It reviews the past and current theories that attempt to explain the causes of criminal behavior. In addition, society’s response to crime, the criminal justice system, and its various components are examined.

CRIM 243 **JUVENILE DELINQUENCY (3)** The course examines the nature and extent of juvenile delinquency in the United States and other modern societies. It explores how juvenile delinquency differs from adult criminal behavior in its legal status, causes, and the ways society reacts to it. The juvenile justice system and its various components are examined.

CRIM 244 **CRIMINAL JUSTICE PROCESS (3)** This course presents a sociological analysis of the various practices and institutions that modern societies have created to deal with criminal behavior. The practices examined include probation, other community-based techniques, jail, prison, parole, and capital punishment. The consequences and effectiveness of each are analyzed.

CRIM 301 **COMPARATIVE CRIMINAL JUSTICE (3)** *Prerequisite: CRIM 244.* This course examines the world’s major criminal justice systems. In particular it analyzes the effects of history, culture and politics on the policies and operations of law enforcement, judicial and correctional institutions in common law, civil law, Islamic and socialist legal systems.

CRIM 320 **VICTIMOLOGY (3)** *Prerequisite: CRIM 241.* Victimology will provide a comprehensive overview of the process of victimization throughout our society. This course will also discuss the history of victimization, theories of victimization, and various categories of victimization, stratification and victim typologies. Specific topics will include the scope of victimization, restorative justice, victims’ rights, child abuse, elder abuse, international sex trafficking, and domestic violence.

CRIM 372 **QUANTITATIVE METHODOLOGY (3)** *Prerequisites: SOCI 270, 280.* This course will focus on data collection and analysis techniques that are particularly useful in community settings. Attention will be given to needs and assets assessments, program evaluations, gathering and using secondary data, linking data to geographic information systems software, focus groups, and action research.

CRIM 377 **STUDY ABROAD (1-6)** *Prerequisite: consent of instructor.* This course provides students with the opportunity to study societal institutions and social organizations’ patterns in foreign settings.

CRIM 397 **INDEPENDENT STUDY IN CRIMINOLOGY (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

CRIM 398 **SPECIAL TOPICS IN CRIMINOLOGY (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her enrollment.

CRIM 399 **INTERNSHIP IN CRIMINOLOGY (1-12)** *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, supervising faculty, and School Dean prior to registration.* This internship provides the student with a supervised work experience in a setting in which criminology is applied. Examples of work setting include, but are not limited to, law enforcement agencies, correctional agencies, and social service departments. Internships are developed by the student with the assistance from the criminology staff and/or the internship coordinator. (See “Internships.”)

CRIM 430 **SENIOR RESEARCH CAPSTONE (3)** *Prerequisite: CRIM 372.* This course is designed to be the capstone course in which the student, utilizing substantive and methodological knowledge accumulated through previous course work, will develop and test relevant research questions related to crime theories. The course culminates with the writing and presentation of a formal research paper.

ECONOMICS COURSES (ECON)

ECON 100 **ECONOMIC PERSPECTIVES ON CURRENT ISSUES (3)** This course applies economic thinking to contemporary issues using a non-technical approach. Topics include environmental issues, crime, poverty, health care, the global economy, and the role of government. This is an introductory course and is not a substitute for ECON 201 or 202.

ECON 101 **FRESHMAN SEMINAR IN ECONOMICS (3)** This theme-based course gives students exposure to economics early in their college career. Designed around the interests of the instructor, the course will provide students with the opportunity to use economic principles to explore an issue from multiple perspectives. Through in-depth study of a specific topic (e.g., clean energy, immigration, globalization, financial crises, health care economics, and slavery), students will be introduced to basic economic concepts as they develop their critical thinking and communication skills.

ECON 201 **PRINCIPLES OF ECONOMICS-MICRO (3)** This study of basic economic principles and the structure and functioning of a modern economy serves as an introduction to microeconomics.

ECON 202 **PRINCIPLES OF ECONOMICS-MACRO (3)** This study of basic economic principles and the structure and functioning of a private enterprise economy serves as an introduction to macroeconomic.

ECON 250 **RESEARCH METHODS IN ECONOMICS (4)** *Prerequisite: General Education Math.* Three hours lecture and two-hour lab. Basic mathematical and statistical tools are developed in this course. Topics include hypothesis testing and introductory regression analysis. Basic calculus, linear and matrix algebra, and other mathematical tools used in economic analysis are also developed. Emphasis is on applications of statistical and mathematical tools for economic analysis and on preparation for writing the senior thesis.

ECON 255 **ENVIRONMENTAL ECONOMICS (3)** An examination of environmental issues from an economic perspective, this course helps students understand environmental problems by applying a rational choice framework to resource allocation decisions in the presence of externalities. Significant attention is paid to the discrepancy between market allocations that are economically efficient and regulated allocations that are socially optimal. Topics covered include the Tragedy of the Commons, production and consumption externalities, pollution abatement strategies (including regulation, corrective taxation, pollution credits, and property rights delineation), as well as the political and economic foundations of optimal environmental policy.

ECON 300 **INTERMEDIATE MACROECONOMIC THEORY (3)** *Prerequisites: ECON 201-202. Corequisite ECON 250.* This course examines theories of national income determination, focusing attention on the factors and processes that govern the growth rate of income, employment, output, and prices. Fiscal and monetary policies, as well as supply-side strategies, to facilitate full employment and economic growth are studied.

ECON 301 **INTERMEDIATE MICROECONOMIC THEORY (3)** *Prerequisites: ECON 201-202 and ECON 250.* This course provides a theoretical analysis of the resource allocation mechanism in a market economy, including consideration of the impacts of government policies on market outcomes.