

4915. Computer Engineering Design II. 3 hours. Second course in the senior capstone design sequence. Focus is the application of techniques to the design of electronic systems that have digital hardware and software components. Students apply the theory acquired from numerous engineering courses to solve real-world design problems. The design will consider realistic constraints including economic, environmental, sustainability, manufacturability, ethical, social, safety. Prerequisite(s): CSCE 4910.

4920. Cooperative Education in Computer Science and Engineering. 1–3 hours. Supervised field work in a job directly related to the student's major field of study or career objective. May be repeated for credit. Prerequisite(s): junior or senior standing in computer science or computer engineering and consent of department.

4925. Capstone II. 3 hours. Second of a two-course sequence in which students develop a complex IT system starting from customer requirements and progressing through the entire analysis, design, implementation, testing and delivery lifecycle. Students work in teams to develop a project plan, complete the technical components of the project, prepare a variety of deliverable documents, and finally deliver the finished product to the customer. The second course focuses on the implementation, testing and delivery of the system. Prerequisite(s): CSCE 4905.

4930. Topics in Computer Science and Engineering. 3 hours. Topics vary. May be repeated for credit. Prerequisite(s): junior or senior standing in computer science or computer engineering and consent of instructor.

4940. Special Computer Application Problem. 1–4 hours. Study defined by the student in applying computer science to another field. Work supervised and work plan approved by one faculty member from computer science and one from relevant application area; one to three students may work together if all faculty advisors concerned agree. Prerequisite(s): prior approval of plan by faculty supervisor. Open to advanced undergraduate students capable of developing problems independently. May be repeated for credit.

4950. Special Problems in Computer Science and Engineering. 1–3 hours. Prior approval of plan of study by faculty supervisor. Prerequisite(s): junior or senior standing in computer science or computer engineering.

4951. Honors College Capstone Thesis. 3 hours. Major research project prepared by the student under the supervision of a faculty member and presented in standard thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s): completion of at least 6 hours in honors courses; completion of at least 12 hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

Construction Engineering Technology

see Engineering Technology

Counseling and Higher Education

Counseling, COUN

2610. Principles of Counseling I. 3 hours. An introduction to the broad range of counseling services and their application to schools and community agencies. May be taken concurrently with COUN 3620, 3630, 3640, 4610 and 4620.

3600. Therapeutic Play. 3 hours. Didactic and experiential training in how to be a therapeutic agent in children's lives by using structured therapeutic play sessions. Participants are taught basic child-centered play therapy principles and skills, including reflective listening, recognizing and responding to children's feelings, therapeutic limit setting, building children's self-esteem, and structuring therapeutic play sessions with children using a special kit of selected toys. Observations of play therapy sessions and skill building therapeutic play sessions are required.

3620. Principles of Counseling II. 3 hours. An integrated overview of counseling services through personal self-exploration by the counseling associate. Focus is on the understanding of interpersonal dynamics through self-awareness. Prerequisite(s): COUN 2610 (may be taken concurrently).

3630. Survey of Career Development and Career Guidance. 3 hours. Overview of current problems and developments in career choices. Prerequisite(s): COUN 2610 (may be taken concurrently).

3640. Group Process in Helping Relationships. 3 hours. Group dynamics laboratory: group functions and leadership styles as related to helping relationships. Prerequisite(s): COUN 2610 (may be taken concurrently).

4610. Appraisal Techniques. 3 hours. Principles, concepts, procedures of appraisal, and utilizing tests and non-test instruments and techniques. Prerequisite(s): COUN 2610 (may be taken concurrently).

4620. Interpersonal Skills in Helping Relationships. 3 hours. Didactic and experiential training in interpersonal relationships; analysis and application of effective counseling activities. Prerequisite(s): COUN 2610 (may be taken concurrently).

Early Childhood Education, DFEC changed to Early Childhood Education, EDEC and moved to Teacher Education and Administration.

Counseling

see Counseling and Higher Education

Criminal Justice

Criminal Justice, CJUS

2100 (CRIJ 1301). Crime and Justice in the United States. 3 hours. This course examines the societal responses to people and organizations that violate criminal codes; discusses the history, development, organization and philosophy of the justice process; and analyzes the complex inter-relationships between the major components of the criminal justice system (police, courts and corrections). *Satisfies the Social and Behavioral Sciences requirement of the University Core Curriculum.* (Same as SOCI 2100.)

2600. Diversity Issues in Criminal Justice. 3 hours. Critically examines race, gender and other diversity issues within the U.S. criminal justice system. Topics of emphasis include the importance of diversity issues in the development, organization and operation of the criminal justice system. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

2900-2910. Special Problems. 1–3 hours.

3201. Criminal Law. 3 hours. This course examines general and statutory bases and theories of criminal law and jurisprudence. Prerequisite(s): CJUS 2100 or equivalent.

3210. Judicial and Legal Systems. 3 hours. This course examines the courts, the legal and judicial process and judicial behavior. Prerequisite(s): CJUS 2100 or equivalent.

3300. Police Systems. 3 hours. This course focuses on the role and function of police in contemporary society, the problems arising between citizens and police from the enforcement of laws, the limitations of police in a democratic society and the methodologies used by the police to be a more effective component of the justice system. Prerequisite(s): CJUS 2100 or equivalent.

3310. Organized and Consensual Crime. 3 hours. The study of the history, structure and governmental responses to organized crime; special emphasis is placed on consensual crimes such as drug abuse and trafficking, prostitution, pornography and gambling. Prerequisite(s): CJUS 2100 or equivalent.

3320. Corporate Security and Loss Prevention. 3 hours. Overview of loss prevention problems and the security and management strategies designed to protect the private sector from crime, fire, accident, employee dishonesty and natural disaster. Prerequisite(s): CJUS 2100 or equivalent.

3330. Introduction to Criminalistics. 3 hours. Overview of the field of criminalistics, with a focus on the recognition, collection, preservation and analysis of physical evidence. Introduction to topics such as fingerprint examination, trace evidence analysis and firearm examination. Prerequisite for more advanced criminalistics courses. Prerequisite(s): CJUS 2100 or equivalent, or consent of instructor.

3340. Computer Crime. 3 hours. Introduction to computer crime through an examination of the crime and those individuals committing it, as well as the specific laws, investigative techniques, and criminological theories applicable to computer crime.

3400. Correctional Systems. 3 hours. This course focuses on prisons and jails. It examines the goals and history of punishment; the death penalty; the composition and social organization of jail and prison populations; bail, detention, sentencing and classification; institutional management and the conflicts between rehabilitation and punishment. Prerequisite(s): CJUS 2100 or equivalent. (Same as SOCI 3460.)

3410. Correctional Case Management. 3 hours. Study of the basic purposes and techniques of correctional case management with consideration given to the supervision and control of offender activities and the development of interpersonal skills required to enhance communication with and to effect lasting behavioral change in offenders. Prerequisite(s): CJUS 2100 or equivalent.

3530. Psychology of the Offender. 3 hours. This course examines the psychological processes related to the legal offender; as well as the dynamics involved in such activities as sexual deviancy, drug abuse, murder, assault and non-assaultive crimes.

3600. Criminology. 3 hours. This course provides an overview of the major criminological perspectives and an examination of the social, political and intellectual milieu within which each developed. The course focuses on the multi-disciplinary nature of criminological thought. Prerequisite(s): SOCI 1510, PSYC 1630 and CJUS 2100 or equivalents.

3610. Juvenile Justice. 3 hours. Examines the juvenile justice system and the handling of juvenile delinquents in the United States. Specific attention is devoted to the history of the juvenile justice system and current police, court and correctional policies and practices pertaining to juvenile offenders.

3620. Juvenile Delinquency. 3 hours. Examines juvenile delinquency in the United States. Specific attention is devoted to the definitions, measurement, and correlates of juvenile delinquency. Additional focus is paid to the various theories of juvenile delinquency and what each theory prescribes for preventing, treating and handling juvenile delinquents. (Same as SOCI 3620.)

3630. Drugs, Crime and Society. 3 hours. Examines the relationship between drugs, crime and human behavior. Explores the relationship between drug abuse and crime and the policy proposals developed to control drug trafficking, drug abuse, and drug-related crime, as well as the multi-faceted aspects and effects of chemical abuse and dependency. (Same as SOCI 3630.)

3700. Ethical Issues in Criminal Justice. 3 hours. A study of ethical issues facing the criminal justice system. Problems confronting police, the courts and the juvenile and correctional systems are addressed. Prerequisite(s): CJUS 2100 or equivalent.

4200. Criminal Procedure. 3 hours. An examination of the constitutional and statutory bases and judicial interpretations of the procedures governing the administration of criminal justice. Prerequisite(s): CJUS 2100 and CJUS 3201 or equivalents.

4250. Law and Social Problems. 3 hours. This course examines the role of law in attempts to address and solve social problems. Prerequisite(s): CJUS 2100 and CJUS 3201 or equivalents.

4330. Domestic and International Terrorism. 3 hours. Provides in-depth knowledge about domestic and international terrorism. Specific focus on strategies designed to address the threat of terrorism from a criminal justice perspective, particularly involving the police assuming new roles in homeland security. Explores ideological theories of terrorism and identifies trends and patterns of terrorism and hate crimes in our world.

4350. Seminar on Violence. 3 hours. An analysis of the incidence, patterns and causes of criminal violence; the characteristics of particular crimes (e.g., murder, robbery, rape, domestic abuse, terrorism); and society's reaction to such violence. Prerequisite(s): CJUS 2100 or equivalent.

4360. Criminal Investigation. 3 hours. The study of methods of obtaining and reporting information from the crime scene, victims, witnesses and suspects. Specific attention is given to investigation of index crimes (homicide, rape, robbery, assault, burglary, arson, motor vehicle theft and larceny). Prerequisite(s): CJUS 2100, CJUS 3201 and CJUS 3300 or equivalents.

4370. Advanced Criminalistics I. 3 hours. Advanced examination of specified sub-disciplines of criminalistics, including analysis of firearms/tool marks, footwear/tire tread evidence, and bloodstain patterns. Designed to provide students with an understanding of the scientific method of analysis, the theory of individualization, and the application of critical thinking as applied to these sub-disciplines. Prerequisite(s): CJUS 2100 and CJUS 3330 or equivalents, or consent of instructor.

4380. Advanced Criminalistics II. 3 hours. Advanced examination of specified sub-disciplines of criminalistics, including analysis of latent prints, trace evidence and controlled substances. Designed to provide students with an understanding of the scientific method of analysis, the theory of individualization, and the application of critical thinking as applied to these sub-disciplines. Prerequisite(s): CJUS 2100 and CJUS 3300 or equivalents, or consent of instructor.

4460. Community Corrections. 3 hours. This course examines the concept of community corrections from various perspectives. It also examines contemporary practices and trends in probation, parole, and other forms of community corrections. Prerequisite(s): CJUS 2100 or equivalent. (Same as SOCI 4460.)

4500. Administration of Criminal Justice Agencies. 3 hours. The study of principles and practices of administration and their application to criminal justice agencies. Special focus on the relationship of theoretical administrative concepts and practical criminal justice problems. Prerequisite(s): CJUS 2100 and 9 hours of upper-division criminal justice courses or equivalents.

4650. Victimology. 3 hours. Exploration of the scope of victim issues in American society. Review of the programs and services provided victims of crime. The expanding roles of the courts, police, battered women shelters, victim/witness assistance programs, crisis intervention units and legislation are highlighted. Prerequisite(s): CJUS 2100 or equivalent.

4660. Offender Behavior. 3 hours. This course examines the variables that correlate with or lead to criminal behavior, such as the family, schools, personality, economic forces and cultural values. It uses psycho-social explanations to illuminate the factors that cause crime and criminality and suggests solutions. Prerequisite(s): CJUS 2100, 3600 and 4700 or equivalents.

4700. Research Methods in Criminal Justice. 3 hours. Examines research methodology in criminal justice. Special emphasis is placed on methods and techniques for conducting research in criminal justice, including the relationship between theory and research, the nature of causation, research designs and techniques, conceptualization and measurement, operationalization, sampling, and ethical issues. Prerequisite(s): senior standing and a minimum of 18 hours in criminal justice, with 12 hours from the criminal justice core.

4850. Internship in Criminal Justice. 1–6 hours. Each student is placed as a participant observer in a criminal justice agency for a minimum of 120 hours to provide an opportunity to apply academic training to practical situations. Prerequisite(s): CJUS 2100 or equivalent and 12 additional hours of criminal justice courses and consent of department.

4860. Studies in Criminal Justice. 1–3 hours. Individual investigation of selected issues regarding criminal justice. Prerequisite(s): CJUS 2100 or equivalent and 12 additional hours of criminal justice courses and consent of department. May be repeated for credit as topics vary.

4870. Topics in Criminal Justice. 3 hours. Seminar class devoted to an investigation, analysis and discussion of significant problems in contemporary criminal justice. May be repeated for credit as topics vary. Prerequisite(s): CJUS 2100 or equivalent and 6 additional hours of criminal justice courses.

4900. Special Problems. 1–3 hours. Prerequisite(s): consent of department.

4901. Senior Seminar: Criminal Justice and Public Policy. 3 hours. The examination of the problems and issues involved in forming and implementing criminal justice policy in the United States. This course represents the final capstone experience for the student. Prerequisite(s): senior standing and at least 18 hours of criminal justice, with 12 hours from the criminal justice core.

4951. Honors College Capstone Thesis. 3 hours. Major research project prepared by the student under the supervision of a faculty member and presented in standard thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s): completion of at least 6 hours in honors courses; completion of at least 12 hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

Dance and Theatre

Dance, DANC

1050. Dance Performance. 1 hour. (0;3) An introductory laboratory course giving credit to students for their experiences in rehearsal and performance of dance as an art form. The course is fourfold in content, including auditions, studio rehearsals, technical and dress rehearsal, and performances. All students planning to audition for a dance performance in the Department of Dance and Theatre must be enrolled in a performance lab. All students enrolled in the course are provided the opportunity to be in a dance production in the capacities of audition, rehearsal and/or performance. Prerequisite(s): concurrent enrollment in a DANC technique course. May be repeated for credit.

1095. Stage Production I. 1 hour. (1;3) Introduction to the principles and practices governing the presentation of stage productions. Students participate in front-of-house, backstage, or costume and makeup operations for theatrical productions. Opportunity to serve in management or design positions when qualified. One-hour weekly lecture plus at least 45 clock-hours per term/semester in a production laboratory. May be repeated for credit. DANC majors are required to have at least 1 hour each in front-of-house, backstage, or costume and makeup production activities, or the equivalent, for graduation. (Same as THEA 2095.)

1100. Stress Reduction Through Movement. 3 hours. (3;1) A study of the basic theories and practices of wellness for increased quantity and quality of life through classroom and movement laboratory experiences. Scientific and philosophic examination of the body-mind connection. Course focuses on gaining an understanding of stress, stress-related illnesses and injuries, and techniques of stress release through movement for rehabilitation and health maintenance. Course addresses learning/growth processes, creativity, body image, preventive care, structural disciplines, movement analysis, body/movement therapies, massage and relaxation techniques. *Satisfies a portion of the Understanding the Human Community requirement of the University Core Curriculum.*

1200. Appreciation of Dance as a Contemporary Art Form. 3 hours. The aesthetics of dance as a performing art. Emphasis placed on the development of an appreciation for dance as a form of communication and as a reflection of contemporary society. Lectures, films and field trips. *Satisfies the Visual and Performing Arts requirement of the University Core Curriculum.*