

Descriptions—Counseling, Educational Psychology and Special Education of Courses

994C. Advanced Practicum in Counseling Psychology

Spring. 3(0-9) P: (CEP 994B) R: Open only to Ph.D. students in the Counseling Psychology major.

Client conceptualization, assessment, intervention design, ethical and professional development issues, supervision, and consultation.

995. Practicum in Research Design and Data Analysis

Fall, Spring, Summer. 1 to 4 credits. P: CEP 933. R: Open only to Ph.D. students in College of Education.

Supervised research practicum. Design, execution, analysis, presentation, critique, and revision of research projects.

999. Doctoral Dissertation Research

Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open only to Ph.D. students.

CRIMINAL JUSTICE

CJ

School of Criminal Justice College of Social Science

110. Introduction to Criminal Justice

Fall, Spring, Summer. 4(4-0)

Description and analysis of agencies and processes involved in administration of justice in the United States.

210. Introduction to Forensic Science

Spring. 4(4-0)

Techniques of crime scene search. Collection and preservation of physical evidence. Class and individual scientific tests. Rules of evidence governing admissibility of physical evidence. Expert testimony.

220. Criminology

Fall, Spring. 4(4-0) Interdepartmental with Sociology. P: (CJ 110 or SOC 100) R: Open only to students in the Criminal Justice or Sociology major or approval of school.

Introduction to the socio-legal foundation of crime. Crime typology and measurement procedures. Theory and public policy. Societal responses to crime and criminals.

292. Methods of Criminal Justice Research

Fall, Spring, Summer. 4(4-0) P: (CJ 220) R: Not open to freshmen. Open only to students in the School of Criminal Justice.

Logic, design, analysis and ethical principles in criminal justice research. Indicators of crime and its control.

294. Criminal Justice Professionals

Fall, Spring, Summer. 2(1-2) P: (CJ 110 and CJ 220) and one additional CJ course. R: Open only to sophomores or juniors or seniors in the School of Criminal Justice.

Operation of criminal justice organizations and agencies. Development and structure of criminal justice professions. Career planning and development. Employment practices. Ethics.

335. Police Process

Fall, Spring. 4(4-0) P: (CJ 292) R: Open only to juniors or seniors in the Criminal Justice major.

Roles, responsibilities, issues, and trends pertinent to contemporary law enforcement organizations in contemporary society.

355. Juvenile Justice Process

Fall, Spring, Summer. 4(4-0) P: (CJ 220) R: Open only to juniors or seniors in the Criminal Justice major.

The juvenile justice system and law. Theories of juvenile delinquency and deviance. Sociological, psychological, and anthropological perspectives.

365. Corrections Process

Fall, Spring, Summer. 4(4-0) P: (CJ 292) R: Open only to juniors or seniors in the Criminal Justice major.

Historical and contemporary views of offender management and treatment. Corrections system operation. Effects of institutionalization. Alternatives to incarceration.

375. Criminal Law Process

Fall, Spring. 4(4-0) P: (CJ 292) RB: (CJ 110) R: Open only to juniors or seniors.

Administration of criminal law. Investigation, prosecution, adjudication, and sentencing. Constitutional safeguards and legal controls on official action.

385. Introduction to Private Security

Fall. 3(3-0) R: Not open to freshmen or sophomores.

Relationships of private protective services with public law enforcement. Individuals, businesses, and governments providing prevention, protection, investigation and disaster recovery services. Protection of persons, property, and information.

400H. Honors Study

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to Honors College seniors and approval of school.

Faculty-supervised group or individual study dealing with a phase of the criminal justice system.

421. Minorities, Crime, and Social Policy

Spring of odd years. 3(3-0) P: (CJ 110 or SOC 100) R: Open only to juniors or seniors.

A socio-historical analysis of the effects of race and ethnicity on legitimate social opportunities, criminal behavior, victimization, and differential judicial processing. Analysis of the impact of assimilation and acculturation on criminal behavior, victimization, and criminal justice processes.

422. Comparative and Historical Criminal Justice

Fall of odd years. 3(3-0) P: (CJ 110) R: Open only to juniors or seniors in the Criminal Justice major.

Comparative study of criminal justice systems. Theories, types, and effects of intervention.

425. Women and Criminal Justice

Spring of even years. 3(3-0) Interdepartmental with Women's Studies. P: (CJ 220 or WS 201) R: Open only to juniors or seniors.

Theories on women's victimization and criminality. Women's experiences as victims, offenders, and criminal justice employees. Laws and their effects on the rights of women in the criminal justice system.

432. Community Policing

Fall, Spring. 3(3-0) P: (CJ 335) CJ 335. R: Open only to juniors or seniors in the Criminal Justice major.

Community policing philosophy, applications, issues, and contemporary research. Community policing models.

433. Law Enforcement Intelligence Operations

Spring. 3(3-0) P: (CJ 335) R: Open only to juniors or seniors in the Criminal Justice major.

Law enforcement intelligence as an analytic tool for case development and resource allocation. Historical, ethical, legal, and operational issues affecting current practice.

434. Police Administration (W)

Fall. 3(3-0) P: Completion of Tier I writing requirement. (CJ 335) R: Open only to seniors in the Criminal Justice major.

Organizational theory, leadership, communications, and labor relations in police administration. Historical and legal perspectives.

435. Investigation Procedures

Fall, Spring. 3(3-0) P: (CJ 375) R: Open only to seniors in the Criminal Justice major.

Laws of evidence controlling investigative procedures. Crime scene concerns. Multi-agency investigation.

455. Delinquency and Treatment Approaches

Spring. 3(3-0) P: (CJ 355) R: Open only to juniors or seniors in the Criminal Justice major.

Investigation and evaluation of delinquency. Prevention programs and treatment approaches. Implementation and assessments of correctional and community intervention strategies in agency settings.

456. Criminal Careers and Career Criminals (W)

Spring. 3(3-0) P: Completion of Tier I writing requirement. (CJ 355 or CJ 365) R: Open only to seniors in the Criminal Justice major.

Types of juvenile and adult criminal careers. Extent, etiology, control, and treatment of selected offender types. Process of criminal career development.

465. Correctional Programming and Analysis

Spring. 3(3-0) P: (CJ 355 or CJ 365) R: Open only to juniors or seniors in Criminal Justice.

Contemporary institutional and community corrections programs. Research on adult and juvenile crime prevention, diversion, and treatment programs.

466. Corrections Organizations and Systems (W)

Fall. 3(3-0) P: Completion of Tier I writing requirement. (CJ 355 or CJ 365) R: Open only to seniors in the Criminal Justice major.

Management of correctional organizations. Interactions between correctional organizations and their political and cultural environments.

471. Law of Corrections

Fall of odd years. 3(3-0) P: (CJ 375) R: Open only to juniors or seniors in the Criminal Justice major.

Constitutional limitations and the impact of law on correctional practice. Due process, prisoners' rights, and parole and probation.

474. Law and Criminal Justice Policy

Spring. 4(4-0) P: (CJ 375) R: Open only to juniors or seniors in the Criminal Justice or Interdisciplinary Studies in Social Science major.

Impact of law on police practices, court processes, and corrections institutions and programs. Development, implementation, and evaluation of judicial policies.

485. Asset Protection Management (W)

Spring. 3(3-0) P: Completion of Tier I writing requirement. (CJ 385) R: Open only to seniors in the Criminal Justice major.

Risk analysis, security surveys, and audits to control losses due to crime, errors, and safety and environmental hazards. Management of asset protection and loss prevention programs in business, industry, and government.

490. Independent Study

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: (CJ 335 and CJ 355 and CJ 365 and CJ 375) R: Open only to juniors or seniors in the Criminal Justice major. Approval of school.

Individual study in fields of criminal justice, under direct supervision of a faculty member.

491. Topics in Criminal Justice

Fall, Spring. 2 to 4 credits. A student may earn a maximum of 10 credits in all enrollments for this course. P: (CJ 292) R: Open only to juniors or seniors in the Criminal Justice major. Approval of school.

Special issues in criminal justice.

494. Criminal Justice Practicum

Fall, Spring, Summer. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: (CJ 335 and CJ 355 and CJ 365 and CJ 375) R: Open only to juniors or seniors in the Criminal Justice major. Approval of school.

Observation, participation and study in selected criminal justice agencies.

809. Issues in Criminal Justice

Fall, Spring. 2 to 4 credits. A student may earn a maximum of 10 credits in all enrollments for this course. R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Special issues in criminal justice research and management.

810. Proseminar in Criminal Justice

Fall. 3(3-0) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Survey of classical and recent literature in criminal justice. Trends and issues that transcend the components of the criminal justice system.

811. Design and Analysis in Criminal Justice Research

Fall. 3(3-0) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Scientific methods in criminal justice research. Design, data collection and analysis, interpretation of findings, and ethical concerns. Computer use in data analysis.

812. Criminal Justice Management Seminar

Fall. 3(3-0) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Organization theory and behavior for the criminal justice agency. Organization and policy planning, budgeting, forecasting, human resource management, and project implementation.

814. Seminar in Management Topics

Spring. 3(3-0) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Critical application of selected analytical tools to managing justice agencies. Human and financial resources, organizational design, productivity measurement and enhancement, and resource acquisition and allocation.

815. Proseminar in Criminal Investigation

Spring. 3(3-0) P: (CJ 811) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Research on the criminal justice process. Investigation and role of evidence in the administration of justice. Ethical issues.

816. Issues in Forensic Science

Fall. 3(3-0) R: Open only to graduate students in the Criminal Justice or Social Science-Criminal Justice major.

Role of forensic science in criminal justice. Major issues, legal aspects, areas of forensic science. Research problems and issues.

819. Forensic Science I

Fall. 3(1-5) P: (CJ 816) R: Open only to graduate students in the School of Criminal Justice.

Techniques and processes in analysis of physical evidence including spectroscopy, chromatography, microscopy. Emphasis on controlled substances.

820. Forensic Science II

Spring. 3(1-5) P: (CJ 816 and CJ 819) R: Open only to graduate students in the School of Criminal Justice.

Continuation of CJ 819. Analysis of trace evidence including hairs and fibers, paints and coatings, explosives and fire residues, glass and soil.

835. Managing Police Organizations

Fall. 3(3-0) P: (CJ 810) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Issues and practices in police management. Management philosophy and personnel management.

836. Assessment of Police Policies and Operations

Spring. 3(3-0) P: (CJ 835) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Recent policy-related research and its application to the deployment of human resources.

855. Delinquency Prevention and Control

Fall. 3(3-0) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Historical overview. Theories and methodologies. Models and organization of delinquency prevention and control programs. Law and public policy. Program evaluation.

865. Adult Corrections

Fall. 3(3-0) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Traditional and contemporary adult correctional practices. Social, political, economic, and organizational factors affecting correctional policies.

866. Adult and Juvenile Corrections Programs

Spring. 3(3-0) P: (CJ 855 or CJ 865) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Adult and juvenile crime prevention and correctional programs. Application of research findings to management issues.

873. Legal Issues in Criminal Justice

Fall of even years. 3(3-0) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Law as an instrument of social control. Legal basis of criminal law and criminal justice policies. Legal limitations on criminal justice institutions and policies.

885. Security Management

Fall. 3(3-0) P: (CJ 811 or concurrently) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Organization and management of security operations in business, industry and government.

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886. Security Administration

Spring. 3(3-0) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Administrative and quantitative techniques for security operations. Statistical analyses. Analysis of financial statements. Operations research and computer techniques.

887. Quantitative Methods in Criminal Justice Research

Spring. 3(3-0) P: CJ 811. R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Descriptive and inferential statistics and computer use in criminal justice research.

890. Independent Study

Fall, Spring. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major. Approval of school.

Individual research and writing under faculty supervision.

894. Practicum

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major. Approval of school.

Observation, study, and work in selected criminal justice agencies. Participation in domestic and foreign criminal justice systems.

896. Policy Analysis under Conditions of Change

Spring. 3(3-0) P: (CJ 811) R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Methods of policy analysis in criminal justice settings. Policy analysis for the formulation, adoption and implementation of changes.

899. Master's Thesis Research

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science-Criminal Justice major.

Planned research and writing directed by student's thesis committee.

901. Seminar in Contemporary Criminal Justice Theory

Fall. 3(3-0) R: Open only to graduate students in Criminal Justice or in Social Science-Criminal Justice.

Theoretical perspectives and issues in criminal justice and criminology

902. Seminar in Criminal Justice Systems

Spring of even years. 3(3-0) R: Open only to graduate students in Criminal Justice or in Social Science-Criminal Justice.

Contemporary issues in the criminal justice system.

903. Research Utilization in Criminal Justice

Spring of odd years. 3(3-0) R: Open only to graduate students in Criminal Justice or in Social Science-Criminal Justice.

Research application in criminal justice theory and practice.

CROP AND SOIL SCIENCES

CSS

Department of Crop and Soil Sciences College of Agriculture and Natural Resources

101. Introduction to Crop Science

Fall. 3(2-2)

Principles of crop management, improvement, and fertilization. International and sustainable agriculture. Water quality issues.

110. Computer Applications in Agronomy

Fall. 2(1-2) R: Open only to students in the College of Agriculture and Natural Resources. Not open to students with credit in CSE 101.

Use of computers in agriculture. Basic computer operating systems. Management and use of storage media. Laboratory experience in word processing, spread sheets, data bases, programming languages, networking, and software related to agriculture.

201. Forage Crops

Fall. 3(2-2)

Forage crop production, management, and utilization. Crop identification. Soil fertilization. Planting and harvesting of grasses and legumes.

210. Fundamentals of Soil and Landscape Science

Fall, Spring. 3(2-3) Interdepartmental with Forestry. P: (CEM 141)

Agricultural and natural resource ecosystems: soil, vegetation and ground water components. Energy, water and nutrient cycles. Soil classification and mapping. Land management and use issues.

222. New Horizons in Biotechnology

Fall. 2(2-0) Interdepartmental with Entomology. Perspectives on biotechnology for safer food production, environmental quality, and improved human health. Impacts of biotechnology on the national economy. Political and ethical ramifications of applied biotechnology.

232. Introduction to Turfgrass Management

Fall. 3(2-2) P: (CSS 210 or concurrently) (CSS 110 or CSE 101)

Turfgrass utilization, identification, establishment and management principles. Responses to various cultural practices.

242. Athletic Field Maintenance

Fall. 2(2-0) P: (CSS 232)

Art and science of athletic field maintenance including root-zone modification, traffic wear management, field preparation techniques, wet weather strategies, safety concerns, legal issues, and crisis management. Field trips required.

262. Turfgrass Management Seminar

Fall. 1(2-0) P: (CSS 232 or concurrently)

Presentations by individuals involved in turfgrass and golf course management. Topics include golf course construction and operations, preparation for tournaments, and public relations.

289. Civilizations, Food Crops and the Environment

Fall, Spring. 3(3-0) Interdepartmental with Agriculture and Natural Resources. Administered by Agriculture and Natural Resources.

Role of the major food crops in the survival of civilizations and cultures from the past to the present, and the resulting environmental impacts.

SA: TCC 289

310. Soil Management and Environmental Impact

Spring. 3(2-3) P: (CSS 210)

Management of soil physical and chemical properties for the production of food and fiber. Soil management systems that reduce the environmental impact on soil, water and air resources and maximize crop production potential.

332. Advanced Turf Management

Spring. 3(3-0) P: (CSS 232) and completion of Tier I writing requirement.

Effect of light, heat, cold, drought, and traffic on turfgrass growth and development. Impact of practices such as mowing, cultivation, and compaction on the growth of grasses.

342. Turfgrass Soil Management

Fall. 3(3-0) P: (CSS 210)

Fertility and pH control of turf soils. Drainage, irrigation programming, cultivation, topdressing, and soil amendments. Environmental impacts. Specialized soils.

350. Introduction to Plant Genetics

Spring. 3(4-0) P: (BOT 105 or BS 111) R: Not open to freshmen or sophomores.

Fundamentals of plant genetics with applications to agriculture and natural resources.

362. Management of Turfgrass Pests

Fall. 4(3-2) Interdepartmental with Botany and Plant Pathology; and Entomology. P: (CSS 232)

Chemical, biological, and cultural methods of managing weeds, diseases, and insect pests of turfgrass. Environmental considerations in pest management.