931B. Seminar in Instructional Technology: Research and Development  
(ED 931B.) Winter. 3(3-0) Approval of instructor.  
Analysis and appraisal of selected research studies in instructional technology with attention to purposes, rationales, assumptions, designs, methodologies and findings.

931C. Seminar in Instructional Technology: Research and Development  
(ED 931C.) Spring. 3(3-0) Approval of instructor.  
Analysis and appraisal of student's dissertation proposals and reports on surveys of related literature.

935. Seminar in Principles and Practice of Instructional Consultation  
(ED 935.) Spring. 3(3-0) CEP 931A, CEP 931B, CEP 410, approval of instructor.  
Theoretical framework for consultation with instructional development clients. Case studies, role play simulations, debriefings. Application of the principles and development of consultation strategies and styles.

939. Policy and Legal Issues in Testing  
Winter. 3(3-0) CEP 401. Interdepartmental with and administered by the Department of Teacher Education.  
Public policy and legal issues concerning the use of standardized testing to make critical decisions about individuals in American public education.

944C. Counseling Supervision in Urban Settings  
(ED 917C.) Spring. 3(1-12) May reenroll for a maximum of 9 credits. CEP 944C (12 credits).  
Development of supervisory skills in relation to the systemic counseling model with urban settings as a focus. Practice in supervising master's level students in Urban Counseling field experiences.

945A. Counseling Theories  
(ED 986.) Fall. 3(3-0) Approval of instructor.  
Survey of counseling theories and research with emphasis on current issues which have implications for counseling practice or for counselor education.

945B. Psychology of Vocational Development  
(ED 884.) Winter. 3(3-0) Approval of instructor.  
Relationship between psychological concepts and vocational development.

946A. Social Development and Counseling Psychology  
(ED 966A.) Spring. 3(3-0) Approval of instructor.  
Stages of social development as a counseling construct. Developmental tasks appropriate to life phases. Implications of missing or inadequately passing through a developmental stage.

946B. Learning Foundations of Counseling Psychology  
(ED 966B.) Fall. 3(3-0) CEP 949A or approval of instructor.  
Principles of learning and their application to the counseling process.

949C. Physiological Measurement in Counseling Psychology  
(ED 996.) Spring. 3(3-2) CEP 450, approval of department.  
Physiological measurement in counseling psychology treatment, training, and research.

950. Interpersonal Process Recall  
(ED 814A, 899A.) Fall. 3(3-2) Doctoral candidates in counseling psychology or approval of instructor.  
A structured training model designed to teach facilitation of interpersonal communication through learning communication skills, examining interpersonal stress, and self-study of one's own video recorded behavior. Theory and research issues will be presented.

951. Group Processes in Counseling Psychology  
(ED 996.) Spring. 3(3-0) Graduate students.  
Didactic-experiential format to explore group dynamics, interpersonal processes within groups, differential effect of various leadership styles, facilitation of group interaction, impact of different theoretical approaches, application to counseling, school settings.

952. Research in Counseling Psychology  
(ED 928.) Fall. 3(3-0) CEP 806.  
Criticism, interpretation and design of counseling research.

955. Counseling Pre-Practicum I  
(ED 895.) Spring. 3(0-6) Doctoral status in college counseling or related area and approval of department.  
Seminar emphasizing establishing good interpersonal relationships. Self-understanding, an understanding of psychodynamics, and test interpretation as preparation for assuming counseling responsibilities. Approach is didactic and experimental with limited contacts with clients.

956A. Counseling Practicum I  
(ED 986A.) Fall. Spring. 3(0-6) CEP 955 or approval of department.  
Supervised experience working with college students in a counseling relationship. Group discussions, group supervision and observation of counseling interviews, and individual supervision.

956B. Counseling Practicum II  
(ED 896B.) Winter. 3(0-6) CEP 956A.  
Supervised experience working with college students in a counseling relationship. Group discussions, group supervision and observation of counseling interviews, and individual supervision.

956C. Counseling Practicum III  
(ED 996C.) Spring. 3(0-6) CEP 956B.  
Supervised experience working with college students in a counseling relationship in the residence halls. Individual supervision, increased client contact hours, and participation in staff activities.

956B. Laboratory and Field Experience in Counseling Psychology  
(ED 996B.) Fall. Spring. 3(2-4) Students in counseling psychology.  
Applied aspects of counseling through case conferences and presentations of cases by representatives of various counseling orientations.

975A. Field Experience: Special Education Administration Simulation  
(ED 990A.) Spring. 3(0-9) Approval of instructor.  
Supervised graduate practicum in administration of the Special Education program of a simulated school district.

975B. Field Experience: Special Education Administration  
(ED 990B.) Fall, Spring. 3 to 12 credits. May reenroll for a maximum of 15 credits. Approval of department.  
Supervised graduate practicum or internship in special education administration.

982. Seminars in Counseling, Educational Psychology and Special Education  
Fall, Winter, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 15 credits. Approval of department.  
Seminars in the various fields of emphasis in counseling, educational psychology and special education.

983. Readings and Independent Study in Counseling and Educational Psychology  
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 15 credits. Approval of department.  
Study on an individual or group basis in the various fields of emphasis.

984. Laboratory and Field Experience in Counseling and Educational Psychology  
Fall, Winter, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 15 credits. Approval of department.  
Supervised graduate practicum, observations, internships, and externships in the various areas of emphasis.

999. Doctoral Dissertation Research  
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

CRIMINAL JUSTICE  
C J

College of Social Science  

110. Introduction to Criminal Justice  
Fall, Winter, Spring. 3(3-0)  
Agencies and processes of criminal justice, emphasizing historical, constitutional, legal, and political considerations. Criminal Justice is also analyzed as a system, with the problems and prospects for change.

210. Introduction to Forensic Science  
Spring. 3(3-0) Not open to majors in Criminalistics.  

312. Criminalistics I  
Fall. 3(0-6) Criminalistics majors.  
Criminalistics laboratory techniques. Photography, crime scene recording, reproduction of evidence, latent fingerprints.
131. Criminalistics I
Winter, Spring, Summer, 3(3-0) C J 312, approval of school.
Criminalistics laboratory techniques. Firearms and fiber identification. Comparative microscopy.

134. Criminalistics III
Spring, 3(3-0) C J 313, approval of school.

15. Criminal Investigation
Fall, Winter, 4(4-0) C J 375.
Theory of investigation, crime scene conduct, collection and preservation of physical evidence and methods used in scientific interpretation of evidence.

18. Crime and the Community
Fall, Spring, 4(4-0) C J 320.
Interdisciplinary survey of police-criminal justice and community relations. Stresses the community role and responsibility for crime, crime-coping programs, and the need for the improvement of criminal justice processes.

21. Criminology
Fall, Winter, Spring, Summer, 4(4-0) SOC 241 or C J 110 or approval of school. Interdepartmental with and administered by the Department of Sociology.
Crime analyzed from sociological perspective: meaning of crime, crime statistics, and measurement; theories of crime causation, crime typologies, e.g., professionalized, violent, white-collar crimes, juvenile delinquency.

30. Organizational Theory and the Politics of Criminal Justice
Fall, Spring, 4(4-0) C J 320 or approval of school.
An historic and a comparative overview of the principles of organization used by criminal justice agencies. Current theories and research on organization, with special attention to the impact of politics on system objectives and policy development.

35. Police Process
Fall, Winter, Spring, Summer, 4(4-0) C J 110, C J 320.
Functions of law enforcement and the roles of the police in modern society. Study of the police from several perspectives: historical, sociological, psychological, organizational and political.

355. Juvenile Justice Process
Fall, Winter, Spring, 4(4-0) C J 320.
Variables related to the duties and responsibilities of juvenile justice practitioners working with delinquents. Prevalent interdisciplinary issues, ideas, principles and assumptions pertaining to delinquency.

365. Corrections Process
Fall, Winter, Spring, 4(4-0) C J 320.

375. Criminal Law Process
Fall, Winter, Spring, Summer, 4(4-0) C J 320.
Administration of criminal justice: investigation, arrest, search, seizure, charging, adjudication, sentencing, probation, corrections, parole. Constitutional safeguards and legal controls on official action emphasized.

490. Honors Study
Fall, Winter, Spring, Summer, 1 to 3 credits. May enroll for a maximum of 6 credits. Seniors or approval of instructor.
Individually selected programs of supervised group or individual study dealing with some phase of the criminal justice system.

491. Independent Study
Fall, Winter, Spring, Summer, 1 to 3 credits. May enroll for a maximum of 6 credits. C J 335, C J 365, C J 385, C J 375 or approval of school.
Individual study of the various fields of emphasis in criminal justice, under direct supervision of appropriate faculty member.

499. Issues in Criminal Justice
Fall, Winter, Spring, Summer, 3 or 4 credits. May enroll for a maximum of 12 credits when different topics are taken. C J 335, C J 365, C J 385, C J 375 or approval of school.
Forum for course offerings on special issues in criminal justice, by visiting instructors or regular faculty.

425. Women in Criminal Justice
Winter, Spring, 3(3-0) C J 320 or SOC 320 or approval of school.
Women as offenders and victims. Women professionals in criminal justice. Literature in criminology and victimology.

432G. Fundamentals of Traffic Law
(ED 426K) Spring, 3(3-0) Interdepartmental with and administered by the Department of Teacher Education.
Nature, function and application of traffic law as it applies to the safe and efficient movement of people and goods in a broadly conceived traffic accident prevention program.

433. Alcohol: A Social Dilemma
Winter, 3(3-0) Juniors or approval of school. Interdepartmental with the Department of Educational Administration.
Substance abuse with emphasis on beverage alcohol. Sociological, psychological and medical aspects. Prevention, treatment, rehabilitation.

434. Police Administration and Management
Fall, Winter, Spring, 4(4-0) C J 375.
Principles of organization and management of a police agency. Line and non-line functions, personnel administration, planning, budgeting, goals and control.

435. Analysis of Police Operations
Spring, 3(3-0) C J 434 or approval of school.
Analysis of police operations including patrol, criminal investigation, staff services, and traffic enforcement. Measurements of police productivity as related to goals. Principles of management evaluation of police agency organization and administration.

440. Introduction to Highway Traffic Administration
Fall, 4(4-0)
Systems approach to highway traffic administration emphasizing the interrelationships among agencies having management responsibilities associated with their accident prevention and loss reduction countermeasures to combat system failures. Future needs and alternatives.

441. Police and Court Traffic Administration
Spring, 4(4-0)
Police and court traffic functions relative to other police and court functions in the criminal justice system. Systems approach to managing traffic accident prevention programs. Weaknesses, future needs and alternatives.

455. Analysis of Delinquency Programs
Fall, Winter, 4(4-0) C J 335 or approval of school.
Social organization and administration of delinquency prevention programs, juvenile courts and treatment agencies.

456. Juvenile Justice Case Analysis
Spring, 3(3-0) C J 335, C J 455.
The use of actual juvenile delinquency cases to evaluate past and current practices and future needs. The selection of therapeutic techniques and strategies and their application to specific types of clients.

465. Analysis of Correctional Operations
Fall, Winter, 4(4-0) C J 335, C J 355, C J 375 or approval of school.
A critical analysis of existing institutions and community correctional programs; administrative methods of program implementation and evaluation. Prevalent correctional operational policies. Problems of effecting change.

466. Correctional Administration and Management
Spring, 3(3-0) C J 365, C J 375, C J 375.
The application of principles of administration and management to corrections including a systemic examination of the impact of change on the total correctional system and change resistance from both external and internal environments.

472. Criminal Law
Fall, Winter, 4(4-0) C J 335, C J 355, C J 365, C J 375 or approval of school.
Analyzes and classifications of substantive common law and statutory criminal offenses; defenses and other limitations on criminal capacity.

473. Evidence and Proof of Crime
Spring, 3(3-0) C J 375.
Concepts of proof and logic; basic principles and definitions of evidence law; review of criminal investigation; chain of evidence; trial process; presentation and admissibility; constitutional issues.

475. Security Systems
Fall, 3(3-0) Majors or approval of school.
Capabilities and limitations of security systems, both public and private, with particular reference to crime and crime-related problems. Interrelationships between security and other criminal justice agencies.

486. Loss Prevention
Spring, 4(4-0) Majors or approval of school.
Operation and management of loss prevention (asset protection). Programs in business, industry, government and institutions. Particular attention to theft control (employee dishonesty, shoplifting, etc.) and fire protection.
490. Criminal Justice Practicum
Fall, Winter, Spring. Summer. 3 to 12 credits. May be repeated for a maximum of 12 credits. C J 336; majors only.
Planned program of research internship, observation, study, and work in selected criminal justice agencies. Supplements classroom study with participation in criminal justice systems of the United States and foreign nations.

492. Methods of Criminal Justice Research
Fall, Winter, Summer. 4(4-0) C J 335, C J 335, C J 365, C J 375 or approval of school.
Elements of scientific perspective; analysis of published reports to illustrate theory interacting with practice. Conceptual frameworks, negotiating access to collection of data, design choices, analytic techniques, and final reporting.

493. Planned Change and Innovation in Criminal Justice
Winter. 3(3-0) C J 492 or approval of school.
The processes by which change occurs. Mechanisms which facilitate change. Utilization of research in planned change. Research as related to administrative decision making.

801. Independent Study
Fall, Winter, Summer. 1 to 6 credits. May be repeated for a maximum of 6 credits. Majors or approval of school.
Individual research and writing in student's field of interest. Requires approval and direction by professor associated with major field of interest.

809. Special Issues in Criminal Justice
Fall, Winter, Spring. 3 to 5 credits. May be repeated for a maximum of 15 credits when different topics are taken. Majors or approval of school.
Forum for study of issues not given continuous consideration in the graduate program.

810. Proseminar in Criminal Justice
Fall. 3(3-0)
Recent literature in criminal justice administration and criminology; current developments and trends. Impact of research on operations in criminal justice.

811. Design and Analysis in Criminal Justice Research
Fall. 4(4-0) C J 492.
Application of research methods to criminal justice problems, theory and hypothesis construction, design of survey instruments, logic of data analysis, tabular and descriptive techniques, computer usage in data analysis.

812. Criminal Justice Management Issues
Winter. 3(3-0) Majors or approval of school.
Management requirements of the criminal justice process in transition. Problems and innovative concepts of criminal justice system development, decision theory, information needs, planning, personnel and budgeting.

513. Criminal Justice Personnel Systems Development
Winter. 3(3-0)
Personal administration approaches to improvement of criminal justice systems such as personnel administration by objectives, and systems analysis approach to human resource development models consonant with criminal justice systems evolution.

514. Fiscal Administration in Criminal Justice
Spring. 3(3-0)
Transition from traditional budgeting to program planning and evaluation budgeting. Implications of treating budgeting as a tool in criminal justice administrative decision making. Practical experience in budget preparation and justification.

515. Seminar in Criminal Investigation
Fall. 3(3-0) Majors or approval of school.
Seminar in investigative techniques; criminalization of case studies, including discussions on quantum of proof in criminal investigations and probable value of physical evidence.

516. Seminar in Forensic Science
Winter. 3(3-0) Majors or approval of school.
An investigation of the role of forensic science in the administration of justice; case studies; laboratory techniques; interpretation of proof.

517. Independent Study in Forensic Science
Fall, Winter, Spring. 3(3-0) Majors or approval of school.
Directed laboratory work in forensic science.

518. Social Control, Criminal Justice and Community Relations
Winter. 3(3-0) C J 318
Authority and social control, advanced community relations and criminal justice, and sociopolitical aspects of criminal justice processes. Field study component required.

520. Crime, Criminal Behavior and Criminology
Spring. 3(3-0) C J 320
Classical and contemporary explanations for crime and criminal behavior related to criminal justice. Implications of differing theoretical concerns for the criminal justice system. Advanced criminology.

522. Historical and Comparative Criminal Justice
Spring. 3(3-0) Majors or approval of school.
Criminal justice systems are examined on a global basis exclusive of the United States. Emphasis is placed on major international legal philosophies.

537. Managing Police Organizations
Winter. 3(3-0) C J 312
Administrative issues in directing and coordinating law enforcement agencies at supervisory levels. Applications of socio-behavioral concepts. Fundamental issues in police management.

538. Assessment of Police Policies and Operations
Spring. 3(3-0) C J 837
Critical analysis of recent police policy-related research. Operations research and policy analysis as applied to the deployment of human resources and policing strategies. Efficiency and effectiveness of operational information systems.

540. Highway Traffic Administration
Winter. 3(3-0)
The Federal-state-local partnership in highway traffic administration. Laws, standards and policies regulating the accident prevention and loss reduction countermeasures of governmental agencies and private industry. Problems and needs.

555. Delinquency Prevention and Control
Fall. 3(3-0)
Evaluation of primary and secondary delinquency prevention, control and treatment programs. Critical analysis of current major hypotheses, recent developments, and contributions by operational and academic sources.

565. Adult Corrections
Fall. 3(3-0)
Traditional and contemporary correctional practices. Social, political, economic, and organizational factors that determine correctional policies. Current trends in adult corrections.

566. Adult and Juvenile Correctional Program Management
Winter. 3(3-0) C J 855 or C J 856.
Planning, organizing and operating adult and juvenile correctional programs on institutional and community levels.

587. Analysis and Evaluation of Prevention and Correctional Programs
Spring. 3(3-0)
Analysis and evaluation of research relating to adult and juvenile preventive and correctional programming. Application of research design to program evaluation.

781. Law of Corrections
Winter. 4(4-0) Majors or approval of school.
Constitutional limitations and impact of law on correctional practice. Due process, judicial sentencing, probation, prisoners' rights, parole, revocation of probation and parole.

782. Criminal Procedure
Spring. 4(4-0) A law course.
Criminal procedure as applied to police and courts. Due process, Bill of Rights, right to counsel, search and seizure, confessions, bail, prosecution, guilty plea, trial.

580. Planning in Criminal Justice
Fall. 3(3-0)

581. Project and Program Implementation
Winter. 3(3-0) C J 880 or approval of school.
Managerial strategies and factors involved in the effective implementation of projects and programs. Development and use of information and monitoring systems.

582. Evaluation Research in Criminal Justice
Spring. 3(3-0) C J 880, C J 881.
The conduct and utilization of evaluative research in projects, programs and agencies. Strategies for conducting, interpreting and utilizing operational research.

585. Security Management
Fall. 3(3-0) C J 485 or concurrently, or approval of instructor.
History and legal bases for protective services. Organization and management of commercial and proprietary security units in business, industry, institutions and government. The systems approach to security.
Criminal

890. Practicum
Fall, Winter, Spring, Summer. 1(0-4) Majors or approval of school.
Planned program of research observation, study and work in selected criminal justice agencies. Designed to supplement classroom study with participation in domestic and foreign criminal justice systems.

892. Quantitative Methods in Criminal Justice Research
Winter. 4(4-0) C J 492, C J 811.
Views the relationship and application of statistical techniques to theory building and concept construction. Gives an overview of statistical methods with an emphasis on those most useful for research in criminal justice.

897. Policy Change Paper
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 4 credits. Majors or approval of school.
Development of plan for significant policy change and its implementation in a criminal justice agency.

899. Master's Thesis Research
Fall, Winter, Spring, Summer. 1 to 12 credits. May reenroll for a maximum of 12 credits. Majors or approval of school.
Planned research and writing directed by student's thesis committee.

930. Seminar on Criminal Justice Systems
Winter. 3(3-0) Graduate students.
Topical issues on the development, functioning, and interrelationships of components of criminal justice systems and how systemic coherence can be achieved within a democratic society.

990. Seminar in Criminal Justice and Criminology
Fall. 3 to 5 credits. Graduate students.
Analysis of major research contributions to criminal justice and criminology.

992. Research Utilization and Application in Criminal Justice
Spring. 3(3-0) Majors or approval of school.
Substantive and administrative problems of conducting research and existing attempts to solve these. Utilization of research in bringing about change in the criminal justice system. Methods of maximizing research utility.

CROP AND SOIL SCIENCES

College of Agriculture and Natural Resources

101. Crop Science
Fall. 3(3-0)
Principles of identification, adaptation, management, and utilization of field crops for food and fiber. Fundamentals of crop management, breeding, weed control, crop quality, and tropical crops in world agriculture.

202. Soil and Our Environment
Spring. 3(3-0) Not open to students with credit in CSS 210. Non-majors only.
Role of soil in growing plants, water use and conservation, nutrient cycling, fertilizers, environmental quality, animal health, food-population dilemma.

204. Corn and Soybean Production
Fall. 2(2-0) CSS 101, CSS 202 or CSS 410.
Topics related to increased efficiency in corn and soybean production: time of planting; irrigation scheduling; fertility, and weed, insect and disease control.

205. Navy Bean and Sugarbeet Production
Winter. 2(2-0) CSS 101, CSS 202 or CSS 210.
Navy bean and sugarbeet production and marketing in Michigan. Presentations by specialists from within the University and the navy bean and sugarbeet industries.

206. Small Grain Production
Winter. 1(1-0) CSS 101, CSS 202 or CSS 210.
Small grain production, use, and marketing in Michigan and the world.

210. Fundamentals of Soil Science
Fall. Winter. 4(3-2) CEM 141B. Not open to students with credit in CSS 202.
Nature of soils and their relation to plant growth, water regimes, nutrient cycling, erosion, environmental quality, plant composition, animal health and world food production.

301. Forage Crops
Fall. 3(3-2) Sophomores.
Distribution, morphology, identification, physiology, management and utilization of forage crops for hay, silage, and pasture for livestock and for soil improvement and conservation.

318. Turfgrass Management
(CSS 418). Fall. 3(3-0) CSS 210 or concurrently.
Turfgrass management of golf courses, home lawns, parks, and athletic fields. Species identification and adaptation, routine and specialized cultural practices, pest identification and control.

331. Soil Management
Winter. 4(3-0) CSS 210.
Management of soils, drainage, and irrigation, organic matter, tillage, rotation, conservation practices, soil reaction, lime, fertilizers, and micronutrients. Soil management vs. soil conservation. Special study in general crops, horticultural crops, greenhouse crops, turf and ornamental soils.

350. Plant and Animal Genetics
(CSS 220) Winter. 5(5-0) Juniors or approval of department.
Fundamentals of modern genetics with particular focus on problems and application in agriculture and natural resources.

380. Ecology and Physiology of Agricultural Plants
Spring. 3(3-0) FOR 220 or BOT 301.
Interrelationships of physiological processes and environmental manipulation for higher yield of agricultural plants.

390. Soil Conservation and Land Use
Winter. 3(3-0) CSS 210.
Concepts of soil erosion by water and wind and methods for soil conservation including control of erosion and sedimentation. Interpretation of soil properties for land use decisions.

402. Principles of Weed Control in Field Crops
Fall. 4(3-2) CEM 142, BOT 301.
Principles underlying weed control practices for agronomic crops. Factors involved in mechanical, chemical and biological control and basic physiological aspects of herbicide applications.

406. Crop Improvement and Seed Production
Winter. 4(3-2) Practical methods of crop improvement, seed production, storing, cleaning, packing, and distribution, seed certification of small grains, legumes, corn, beans, potatoes, visits to seed agencies and seed farms.

408. Principles of Plant Breeding
Winter. 4(3-2) CSS 350. Interdepartmental with the Department of Horticulture.
Application of genetics and other sciences to breeding and improvement of agronomic and horticultural crops.

411. Independent Study
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 4 credits if different problems is taken. Approval of department.
Individual work on a field, laboratory or library research problem of special interest to the student and supervised by faculty.

412. Topics in Agronomy
Fall, Winter, Spring, Summer. 2(2-0) or 3(3-0) May reenroll for a maximum of 8 credits. Topics will be selected from crop production, crop physiology, turfgrass management, organic soils, turfgrass soils, soil fertility and genetic analysis.

414. Turfgrass Soil Management
Fall. 3(2-0) CSS 318.
Fertility and pH control of turf soils; drainage; irrigation programming, cultivation; topdressing; soil amendments; construction of specialized soils.

416. Principles of Turfgrass Culture
Winter. 3(3-0) CSS 318. Growth and development of the turfgrass plant as related to turfgrass management practices.

417. Turfgrass Seminar
Fall. 1(2-0) CSS 318.
Seminars by leaders of the turfgrass industry; golf course design and maintenance, specialized equipment, and research developments.

419. Management of Turfgrass Pests
Fall. 4(3-2) CSS 318 or concurrently.
Chemical, biological and cultural methods of managing weed, disease, and insect pest turfgrass.

420. Seminar
Winter. 1(1-0) May reenroll for a maximum of 4 credits.

424. Forest Soils
Spring. 3(3-2) CSS 210. Juniors or approval of department. Forestry majors: FOR 305, FOR 402, FOR 425, FOR 429 concurrently, Interdepartmental with and administered by the Department of Forestry. Interrelationships of forest site and the growth of trees. Properties, classification, inventory, productivity and management of forest soils. Effects of silvicultural and forest management practices on the soil.

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