PORT 231. Intermediate Portuguese I. 3 credits.
A thorough review of first year grammar and vocabulary building. Conversation, composition and readings will be chosen to reach competency at the lower intermediate level Portuguese. Prerequisite: PORT 102 or permission of the instructor.

PORT 232. Intermediate Portuguese II. 3 credits.
A thorough review of PORT 231 grammar and vocabulary building. Conversation, composition and readings will be chosen to reach competency at the advance intermediate level. Prerequisite: PORT 231 or permission of the instructor.

PORT 300. Portuguese Grammar and Communication. 3 credits.
Intensive training in grammatical structures and their application to oral and written communication. Instruction is in Portuguese. Fulfills the College of Arts and Letters writing-intensive requirement for possible International Affairs majors and/or IBUS majors. Prerequisite: PORT 232 or permission of the instructor.

PORT 320. Portuguese Oral and Written Communication. 3 credits.
Intensive training in the use of modern, everyday Portuguese with emphasis on conversation and composition. Readings in Portuguese will provide a context for discussion and writing. Prerequisite: PORT 300.

PORT 490. Special Topics in Portuguese. 3 credits.
Special topics or independent studies in Portuguese.

Psychology

PSYC 100. Interpersonal Skills for Resident Advisers. 1 credit.
Designed to give resident adviser trainees understanding of interpersonal relations. Cannot be used as a psychology major elective. May be used for general education credit. Prerequisite: Limited to students selected as resident advisers.

PSYC 101. General Psychology. 3 credits.
A study of the nervous system, sensation, perception, consciousness, learning, memory, language, intelligence, motivation, emotion, life span development, personality, psychopathology, psychotherapy, social psychology and the scientific method. May be used for general education credit.

PSYC 122. The Science of Vision and Audition. 3 credits.
A study of human interaction with light and sound waves. Topics include physiological and perceptual mechanisms for processing light and sound, along with connections to real-world applications (e.g., human factors and careers within vision science and audition). Includes activities designed to provide students with in-depth, hands-on experience with course topics. May be used for general education credit.

PSYC 160. Life Span Human Development. 3 credits.
An introduction to human development. Emphasis is on life span processes within physical, emotional, cognitive, psychosexual, social, personality and moral development. May be used for general education credit.

PSYC 180. Introduction to Behavior Analysis. 3 credits.
Students will learn the fundamental principles, procedures, and concepts of behavior analysis, how they can be used to explain behavior, and how interventions based on these principles can be used to improve their own lives and the lives of others.

PSYC 200. Topics in Psychology. 1-3 credits.
Exploration of an important psychological topic. The topics for each semester will be announced on MyMadison and the departmental website. Prerequisite: PSYC 101.

Designed to give capable students an opportunity to complete directed study in an area of psychology under faculty guidance. Experiences may include practica, serving as a teaching assistant, directed readings, or similar experience. Not to be used for psychology major credit. Prerequisites: PSYC 101 and a written plan for the directed study must be submitted to the Department Head for approval one week prior to registration.

PSYC 203. Directed Research in Psychology. 1-3 credits.
An introductory opportunity to assist a faculty member with a research project. Students may participate in any or all phases of research, including completion of background research, study design, collection of data, data analysis and interpretation. Specific requirements of project are determined by the instructor and to be used for psychology major credit. Prerequisites: PSYC 101 and a written plan for the directed study must be submitted to the Department Head for approval one week prior to registration.

This course provides an introduction to statistical techniques used by psychologists in measuring behavior. Fundamental measures and theory of descriptive and inferential statistics will be discussed. The use of computers for data analysis will be introduced. Prerequisites: PSYC 101 and MATH 205, MATH 220, MATH 231, or MATH 235 with a grade of “C-” or better.

PSYC 211. Psychological Research Methods (3,2). 4 credits.
This course provides an introduction to the application of scientific methodology to investigate psychological phenomena. Through lecture and laboratory, attention is given to choosing research questions, developing hypotheses, designing and conducting research, describing, analyzing and evaluating data and effectively communicating research findings. Prerequisites: PSYC 101 and PSYC 210.

PSYC 212-213. Psychological Research Design and Data Analysis I-II. 4 credits each semester.
The PSYC 212-213 course sequence introduces the logic of pursuing a scientific approach in psychology and covers descriptive, correlational, experimental and quasi-experimental approaches. It also covers the statistical tools associated with these methods (namely, descriptive statistics, correlation, regression, t-tests and ANOVA), and it introduces the basics of inferential statistics and hypothesis testing. Prerequisites for PSYC 212: PSYC 101 and MATH 205, MATH 220, MATH 231, or MATH 235 with a grade of “C-” or better. Prerequisite for PSYC 212: PSYC 212 with a grade of “C-” or better.

PSYC 220. Psychology and Culture. 3 credits.
The study of human psychology is incomplete without taking into account the cultural, historical, and social factors involved in human functioning. This course considers the ethnic and cultural variations that exist in human behavior, thought, and action. Course meets sociocultural course requirement for the Psychology major. Prerequisite: PSYC 101.

PSYC 235. Psychology of Adjustment. 3 credits.
A study of the process and dynamics of the well-integrated personality and the practical application of adjustment theories and behavior change techniques to enhance personal awareness and self-development.

PSYC 250. Introduction to Abnormal Psychology. 3 credits.
An introduction to the field of abnormal psychology for the non-psychology major. This course will examine methods of defining psychological normality and abnormality and the classification, causes and treatment of abnormal behavior. This course cannot be used for psychology major credit. Students may not earn credit for both PSYC 250 and 335. Prerequisite: PSYC 101 or PSYC 160.

PSYC/JUST 255. Abnormal Psychology for Law Enforcement Personnel. 3 credits.
This course for students interested in becoming law enforcement professionals critically examines psychological normality and abnormality. The course focuses on description and causes of abnormal behavior likely to be encountered by law enforcement professionals, and on intervention options for police officers. May not be taken by psychology majors or students who have completed PSYC 250 or PSYC 335. Prerequisites: PSYC 101 and JUST 200.

PSYC 270. Foundations of Learning and Cognition for Education. 3 credits.
This course introduces fundamental principles of cognition and learning as applied to educational practice. It provides a foundation for understanding multiple perspectives and levels of analysis applied to individual learning in educational settings. Prerequisite: PSYC 101 or PSYC 160.

PSYC 275. Psychology of Human Intimacy. 3 credits.
Theoretical and applied study of human relationships through case analysis and role play.

PSYC 285. Drugs and Behavior. 3 credits.
An introduction to the pharmacological effects of psychoactive drugs. This course will examine the neural mechanisms and behavioral effects of common substances such as caffeine and nicotine, drugs of abuse, and pharmaceuticals that are used to treat mental disorders. Prerequisite: PSYC 101.

PSYC 301. Psychology Peer Advising Training I. 2 credits.
Introductory training in academic advising, career development, and basic counseling techniques. Not to be used for psychology major credit. Application guidelines available on the psychology website and in the Psychology Peer Advising office. Prerequisites: PSYC 101, junior-level status and permission of course instructor.

PSYC 302. Psychology Peer Advising Training II. 2 credits.
Continued training and supervised experiences in academic advising, career development, and basic counseling techniques. Not to be used for psychology major credit. Prerequisites: PSYC 211, PSYC 213 or PSYC 301 and permission of the course coordinator.
PSYC 304. Death and Dying: Thanatology. 3 credits.
Psychological theories about death including ways in which individuals and society deal with death. Prerequisites: PSYC 101 and junior status.

PSYC 308. Health Psychology. 3 credits.
This course deals with personality and its relation to health and illness behaviors. Topics include psychological factors involved in control and helplessness, conflict management, cardiovascular disorders, cancer, pain, substance abuse and other psychophysiological related factors. Course meets sociocultural requirement for the psychology major. Prerequisites: PSYC 101 and junior status.

PSYC 310. The Psychology of Women and Gender. 3 credits.
An examination of research and theory regarding the abilities and behaviors of women and the changing roles of women. Consideration is given to biological, developmental and societal determinants of sex and gender. Course meets sociocultural requirement for the psychology major. Prerequisites: PSYC 101 and junior status.

PSYC/JUST 314. Police Psychology. 3 credits.
This course explores the role of psychology in various aspects of police work and examines how psychological research and methods can assist police departments and police officers in reaching law-enforcement goals. Prerequisites: PSYC 101 and JUST 200.

PSYC/JUST 316. Human Development and Crime. 3 credits.
This course examines how psychological research and theory shed light on the development of criminal careers, the factors that protect children and adolescents from becoming criminals, how being a victim of crime influences well-being, and the efficacy of rehabilitation. Special attention will be paid to the knowledge base on delinquency and childhood/adolescent victimization. Prerequisite: PSYC 101.

PSYC 320. Diversity Issues in Psychology. 3 credits.
This course addresses issues of diversity and neglected populations in psychology with attention to gender, sexual orientation, race, ethnicity, disability, chronic illness, SES, age and level of indigenous influence. Particular cultural stressors associated with each group or demographic are discussed and attention is given to the issue of privilege. Course meets sociocultural requirement for the psychology major. Prerequisites: PSYC 101 and junior-level status.

PSYC 325. Counseling Psychology. 3 credits.
A basic counseling theories and skills course designed for students interested in human service and mental health fields. Course meets sociocultural requirement for the psychology major. Credit may not be earned in both PSYC 325 and PSYC 440. Prerequisites: PSYC 101 and junior status.

PSYC 326. Leadership and Personal Growth. 3 credits.
The purpose of this course is to foster the understanding and practical application of leadership, through the use of affective and cognitive approaches. There is a strong emphasis on personal growth as it relates to leadership concepts. Aspects of developmental, cognitive, humanistic, and personality psychological theories are included. The course also builds on concepts and issues from Industrial/Organizational psychology. Prerequisites: PSYC 101 or PSYC 180 and permission of the instructor.

PSYC 328. The Psychology of Leadership. 3 credits.
This course focuses on psychological components of leadership behavior and its importance to various situations in culture and society. Students will explore the potential impact of leaders and their influence on individuals and society. Various existential, behavioral and motivational topics related to leadership studies will be explored. Service learning will also be a core component of the course. Prerequisites: PSYC 101 and junior standing.

PSYC 330. Psychology of Personality. 3 credits.
Essential elements of leading theories of personality with an emphasis on implications of these theories for human behavior. Prerequisite: PSYC 211 or PSYC 213.

PSYC 335. Abnormal Psychology. 3 credits.
This course for the psychology major critically examines psychological normality and the development of criminal careers, the factors that protect children and adolescents from becoming criminals, how being a victim of crime influences well-being, and the efficacy of rehabilitation. Special attention will be paid to the knowledge base on delinquency and childhood/adolescent victimization. Prerequisite: PSYC 101.

PSYC/JUST 350. Forensic Psychology. 3 credits.
Prerequisites: At least one SS content course and one NS content course. May not earn credit in both PSYC 415 and PSYC 312. Prerequisite: PSYC 335.

PSYC 410. Psychology of the Workplace. 3 credits.
This course is a survey of the applications of psychological principles in the workplace. Emphasis is on topics such as research and methods, personnel decisions, training, attitudes, motivation, leadership, teams, and sociocultural issues in the workplace. Other topics of current interest will also be covered. Course will fulfill sociocultural awareness requirement. Prerequisites: At least one SS content course and one NS content course.

PSYC 415. Forensic Psychology. 3 credits.
The application of psychological principles and techniques to the law, the criminal justice system, law enforcement and criminal behavior. Students may not earn credit in both PSYC 415 and PSYC 312. Prerequisite: PSYC 335.

PSYC 420. Advanced Psychological Statistics. 3 credits.
This course presents advanced univariate and multivariate statistical techniques that psychology students need for reading research articles and conducting psychological research. Prerequisites: At least one SS content course and one NS content course.

PSYC 440. Independent Study in Psychology. 1-4 credits.
An opportunity to apply classroom learning to practical problems and to expand the scope of knowledge in psychology to areas not emphasized in the coursework we offer. May include service learning, internship, directed readings, serving as a teaching assistant, or a combination of these activities. Prerequisites: PSYC 211 or PSYC 213, a written plan approved by the project supervisor and Department Head must be submitted prior to registration.

PSYC 443. Research in Psychology. 3 credits.
Prerequisites: At least one SS content course and one NS content course. Conducting psychological research.
PSYC 425. School Psychology. 3 credits.
Applications of psychological principles in school settings, including roles and activities of school psychologists, standards, trends and issues of treatment and evaluation. Prerequisites: At least one SS content course and one NS content course.

PSYC 427. Tests and Measurements. 3 credits.
Standardized psychological tests of mental ability, achievement, aptitude and personality with a review of statistical procedures necessary for interpretation of test results. Prerequisites: At least one SS content course and one NS content course.

PSYC 428. Educational Psychology. 3 credits.
The application of the basic psychological principles of development, learning, cognition, measurement and social interactions to education settings. This course examines how psychological theory and research impacts the teaching of reading, writing, science and mathematics. Students may not count both PSYC 270 and PSYC 428 for psychology major credit. Prerequisites: At least one SS content course and one NS content course.

PSYC 430. Clinical Psychology. 3 credits.
An introduction to the field of clinical psychology including a review of the major theoretical models, psychometrics, psychiatric diagnosis and treatment strategies. Prerequisites: PSYC 335 and one NS content course.

PSYC 435. Community Psychology. 3 credits.
Focus on emerging trends and models in the application of psychology to community, stress prevention programs, human resources and change. Prerequisites: At least one SS content course and one NS content course.

PSYC 450. Psychology of Child Abuse and Neglect. 3 credits.
Review of current psychological literature on child abuse and neglect including identification, etiology, treatment, prevention and legal aspects. Family violence issues are also discussed. Prerequisites: At least one SS content course and one NS content course.

PSYC 452. Child Psychopathology. 3 credits.
The causes, symptoms and classification of childhood psychological disorders. Prerequisite: PSYC 335 or PSYC 365 (both recommended).

PSYC 460. Community Psychology within Developing Societies. 3 credits.
This course will apply psychology to a critical examination of developing societies around the world. Topics include sociocultural and international contexts, privilege, power, oppression, terrorism, population growth, and diversity. Consideration is given to developmental and societal determinants of prejudice, discrimination, and inequity. Course meets sociocultural requirement for the psychology major. Prerequisites: At least one SS content course and one NS content course.

PSYC 470. Psychology of the Young Adult. 3 credits.
Applications of psychological principles to classroom settings. Not open to students who have taken PSYC 270. Prerequisites: PSYC 160 and at least one course from developmental core (Area III).

PSYC 475. Psychology of Adulthood. 3 credits.
The physical, social and psychological factors faced by adults and their progression through the life span. Prerequisites: At least one SS content course and one NS content course.

PSYC 480. Applied Behavior Analysis. 3 credits.
This course focuses on how environmental events influence behavior, and behavior analytic strategies by which behavior may be changed. The emphasis of the course is on the knowledge and skills necessary to plan, develop and implement interventions for behavior problems in a variety of settings including, but not limited to, business and industry, education, and health and human services. Prerequisites: PSYC 180 and PSYC 390.

PSYC 492. History of Psychology. 3 credits.
The history of psychology as reflected through the individuals, theories and experimental investigation of the discipline. Special emphasis is placed upon relating the current state of psychology to its historical development. Prerequisites: At least two SS content courses and two NS content courses. May be taken as a capstone course or psychology elective.

PSYC 493. Laboratory in Psychology. 3 credits.
A research course designed by a faculty member that studies a particular topic. Topics will change from semester to semester. Students will be guided in a group through a research experience that would include library research of the topic, design of an experiment, gathering and analyzing the data, and writing the results. Only three credit hours of the course can be used for the psychology major. Prerequisites: At least two SS content courses and two NS content courses. The course meets the requirement as a capstone course or as a psychology elective.

PSYC 495. Field Placement in Psychology. 4 credits.
Supervised practicum in a counseling, industrial or human service agency. Orientation to agency's service, policies, personnel and professional ethics is provided. Prerequisites: At least two SS content courses and two NS content courses. Guidelines available in the department office. The course meets the requirement as a capstone course or as a psychology elective.

PSYC 497. Senior Seminar in Psychology. 3 credits.
A seminar course that will require students to integrate theories, research and/or methods from several areas of psychology and/or related disciplines. Topics will vary from semester to semester. Up to six credit hours can be used in the psychology major. Topics for each semester are announced on MyMadison and on the departmental website. Prerequisites: At least two SS content courses and two NS content courses. May be taken as a capstone course or as a psychology elective.

PSYC 499. Honors. 6 credits.
See catalog section “Graduation with Honors.” Prerequisites: At least two SS content courses and two NS content courses.

Public Policy and Administration

PPA 200. Introduction to Public Policy. 3 credits.
This course introduces students to the nature, dynamics and substance of public policy. Selected policy issues in the United States will be examined through the use of case studies. Foreign and global influences on U.S. policy-making will also be analyzed. Issues will vary across course sections and over time. Prerequisite: POSC 225.

PPA 265. Public Administration. 3 credits.
An introductory survey of the principles, functions and processes of public administration with specific emphasis on the political aspects and environment of bureaucracies and the how and why of policy-making within an administrative system. Organizational structure, personnel, budgeting, public relations and government values, traditions and objectives are analyzed. Prerequisite: POSC 225.

PPA 325. Regional Planning and Organization. 3 credits.
Study of trends and issues in the public planning process with focus on regional planning and organization; the relationship of planners and the planning board to their committees. Prerequisite: PPA 200.

PPA 359. Policy Analysis. 3 credits.
Study of public policy analysis. Delivers to students rational and alternative techniques for analyzing public policy while providing them opportunities to develop analytical skills. Prerequisite: PPA 200.

PPA 381. Budgetary Process. 3 credits.
An examination of the political planning and strategies of Congress and federal agencies in the budgetary process; politics of budgetary reform; state and local budgetary politics; and intergovernmental impacts on budgeting. Prerequisites: Junior standing, PPA 265.

PPA 412. Seminar in Intergovernmental Relations. 3 credits.
Study of the relations between the several levels of government in the United States. Political, fiscal, legal, regulatory and administrative relations as they have evolved within federal and state constitutional frameworks will be examined. Prerequisites: Junior standing, PPA 265.

PPA 415. Legal Environment of Public Administration. 3 credits.
Examination of the basic constitutional framework of American public administration. Examines legal constraints imposed on public administrators by law and judicial oversight. Emphasis placed on legal issues affecting public employees. Also examines the basics of public procurement law. Prerequisite: PPA 265.

PPA 420. Public Management. 3 credits.
Study of the management of public agencies from the executive viewpoint. Management control of public agencies will be explored including establishment of goals, policies, organizational structure and output of services. Case studies illustrate administrative behavior and managerial operations in local, regional, state and federal agencies. Does not count as part of the political science major or minor. Fulfills the College of Arts and Letters writing-intensive requirement for the major. Prerequisite: Junior standing, PPA 265.

PPA 460. Regionalism and Urban Policy. 3 credits.
A study of the problems and management of urbanization and inter-jurisdictional externalities from a regional perspective. Regionalism will be examined as an approach to solve these problems. Prerequisite: PPA 200.