

DEPARTMENT OF PSYCHOLOGY

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FACULTY

Professors: Bauer, Doerries, Doolittle, S. Greenlee,
Lopater

Associate Professors: Berry, Cartwright, Catanzaro,
Gibbons, Marshall, Velkey

Assistant Professors: Guajardo, Hart, S. Lee, Malaspina,
Rilea

Distinguished Professor Emeritus: J. Anderson

Emeriti: Dooley, Herrmann, Windsor

Department of Psychology Mission Statement

The mission of the Department of Psychology is to pursue excellence in teaching, scholarship, and service. As professors, we are committed to providing students with knowledge and practice in the science of psychology, the ability to engage in disciplined and systematic inquiry, and the skills to think, act, and communicate rationally, critically, creatively, and ethically. As scholars, we are engaged in research that contributes to the field of psychology, informs our teaching and pedagogy, and mentors our students into independent and thoughtful scholars. As citizens of the Department of Psychology, we aspire to provide service and leadership to our university, civic, and professional communities. As a result of our teaching, scholarship, and service activities, we prepare students to be leaders in their communities and thoughtful citizens who will live lives of consequence and significance.

The Program

The Department of Psychology offers both Bachelor of Arts and Bachelor of Science degrees. The Psychology Department requires each undergraduate and graduate major, through a rigorous and well-planned curriculum, to study and master the literature and methods of psychology. Curricular emphases are on fundamental conceptual knowledge, practical applications of both knowledge and skills, and theoretical considerations. The psychology curriculum requires courses at elementary, intermediate and advanced levels, including courses with laboratory components. Options such as practica, seminars, individual faculty mentored research opportunities, and team research projects are available to majors. The curriculum also offers a wide range of course offerings covering the breadth of modern psychology.

Many students majoring in psychology will go on to graduate study; others will find employment opportunities as personnel officers, case workers in welfare departments, probation officers, mental health technicians, teachers of

early childhood education or in special education.

THE BACHELOR OF ARTS AND BACHELOR OF SCIENCE DEGREES IN PSYCHOLOGY

Students who wish to major in Psychology must come to the Psychology Department Office to provide the department with student information. Prospective majors will also be required to complete a comprehensive examination of psychological knowledge as part of the department's assessment procedure. The department Chair will assign a faculty advisor and provide students with a permit to officially declare the major in the Academic Advising Center. Students are urged to consult their assigned advisors regularly.

In addition to requiring successful completion of all general education and degree studies requirements (see index), the Bachelor of Arts and the Bachelor of Science degrees in Psychology require successful completion of 19 required credits and 17 elective credits, totaling a minimum of 36 credits toward graduation.

Electives should be chosen in consultation with an academic advisor. Students pursuing a degree in psychology should successfully complete MATH 125, PSYC 300, 301 and 306 as early in their programs as feasible but in no case later than the completion of the first 90 hours of the degree. Course pre-requisites must be satisfied.

Psychology majors must earn a grade of C- or better in PSYC 201, 202, 300, 301 and 306. Before students can enroll in PSYC 300 they must earn a grade of C- or better their introductory sequence of courses. Before majors can enroll in PSYC 301 they must earn a grade of C- or better in the introductory courses and in PSYC 300. Students who choose to take PSYC 302 or 310 must receive a grade of C- or better in PSYC 301 before they can enroll in these courses. Students may not enroll in 400 level lab courses until they successfully complete PSYC 301 with a grade of C- or better.

In addition to successful completion of all general education and degree studies requirements (see index), both the Bachelor of Arts and the Bachelor of Science degrees in Psychology require successful completion of the following courses:

- 1) Math 125*;
- 2) PSYC 201*and 202*;
- 3) PSYC 300;
- 4) PSYC 301W/301L;
- 5) PSYC 306;

- 6) Selection of two additional 300-level courses;
- 7) Selection of two additional 400-level courses with co-requisite labs;
- 8) One PSYC elective at the 300- or 400- level;
- 9) PSYC 490W.

* Courses bearing an asterisk may be used simultaneously to satisfy, in part, certain general education and degree studies requirements. For details, see your academic advisor.

TEACHER PREPARATION IN PSYCHOLOGY

For those students who wish to become elementary teachers, CNU has a program leading to a bachelor's degree in Psychology and the MAT (Master of Arts in Teaching). This program also includes teacher licensure. Application to this program is made during the second semester of the junior year. Because course sequencing is critical to success, interested students should talk to an advisor about their interest in the five-year program early. For information about admission to the five-year program and program requirements, consult the Graduate Catalog (online at www.cnu.edu) or your department advisor.

Those students who wish to become teachers should apply to the five-year Master of Arts in Teaching program. Application to the program must be made in spring of the junior year and will require: 3.0 GPA; passing scores on the PRAXIS I exam or SAT scores of 1100, with scores of at least 530 on both Verbal and Quantitative subtests; essay specifying the reason for applying to the program; and two letters of recommendation. Students will earn a **BA or BS in Psychology** after the first four years and then complete an additional year of study leading to an MAT degree. The courses and degree requirements for the MAT are found in the graduate catalog. Students accepted into this program must complete the following track for graduation with the bachelor's degree:

Elementary level (PK-6)

Major courses required: see major requirements for Psychology.

Support courses required: ENGL 123*- xxxx 223*; MATH 125*; HIST 111G*-112G*; COMM 201*; Science sequence with lab*; HIST 201; GEOG 201; PSYC 307 or 308; SOCL 314; PSYC 312; NSCI 310; MATH 308; ENGL314W, 430; Reading field experience.

Graduate courses** required (senior year): MATH 570; ENGL 532, ENGL 514.

*These courses can also be used to fulfill general education requirements.

** See the graduate catalog for graduate course descriptions.

THE MINOR IN PSYCHOLOGY

Students wishing to minor in psychology must present themselves in the Psychology Department office to provide cer-

tain information and submit a plan for the minor before the minor may be declared in the Academic Advising Center. The department will approve the plan or work with the student to find an acceptable plan. Eighteen credit hours (minimum) constitute the minor, which must include PSYC 201 and 202. All prerequisites must be met for courses taken for the minor. A psychology minor is particularly appropriate for business, sociology, social work, government, public administration, pre-med and pre-law.

THE CURRICULUM IN PSYCHOLOGY

PSYC 201. Principles of Psychology I (3-3-0)

Basic principles of behavior covering history and systems of psychology, research methods, biological bases of behavior, sensation and perception, consciousness, learning, memory, intelligence, thinking, language and motivation.

PSYC 202. Principles of Psychology II (3-3-0)

A continuation of PSYC 201 concentrating on history and systems of psychology, research methods, human growth and development, emotions, stress and health, personality, psychological disorders, therapy, and social and industrial/organizational psychology.

PSYC 210. Human Growth and Behavior I (3-3-0)

(Last term taught Spring 2006)

This course covers data and theory concerning the development of the individual throughout the life span from conception to death. Social, emotional, physical, and cognitive development will be considered. Emphasis will be given to the nature of developmental change and the forces that bring it about. This course will cover the period from conception to late childhood.

PSYC 211. Human Growth and Behavior II (3-3-0)

(Last term taught Spring 2006)

A continuation of PSYC 210, covering adolescence and adulthood.

PSYC 299. Field Research in Psychology (credits vary)

Prerequisite: Psychology major and consent of instructor.

This course is designed to allow the first or second year psychology student the opportunity to enrich his or her program of study by pursuing research work in psychology. Students who take this course will most often be working with a psychology professor on his or her research. The responsibilities of the student, time lines, and criteria for evaluation are agreed upon in writing by the student and supervising professor. Copies of the agreement must be filed with the department chair before the end of the drop/add period in the semester in which the field study will occur. A maximum of 6 hours of field research may be counted toward the degree.

PSYC 300. Statistical Applications in Social Science Research (3-3-0)

Prerequisite: PSYC 201 with a grade of C- or better and completion of MATH 125 or an equivalent statistics course.

An introduction to elementary statistical usage including descriptive statistics, probability, inferential statistics, correlation and regression, and distribution free techniques.

PSYC 301W. Research Methods in Psychological Science-WI (3-3-0)

Prerequisite: ENGL 101/103H-102/104H or 123 effective fall 04-spring 06 and PSYC 201, 202, 300 with a grade of C- or better.

An introduction to empirical research in psychological science. Topics covered will include the scientific method, research ethics with humans and animals, variables, sampling issues, reliability and validity, research methods and designs, and finding and evaluating psychological research literature. Students will use American Psychological Association format for writing empirical research reports. Laboratory activities in selected areas will be conducted. Satisfies Writing Intensive requirement.

PSYC 301L. Research Methods in Psychological Science Laboratory (1-0-3)

Corequisite: PSYC 301W.

PSYC 302W. Advanced Experimental Psychology and Methodology-WI (3-3-0)

Prerequisite: ENGL 101/103H-102/104H or 123 effective fall 04-spring 06, and PSYC 301W/301L with a grade of C- or better. Corequisite: PSYC 302L.

This course includes instruction in research methodologies appropriate to human and animal learning experiments, advanced statistical techniques, and experimental ethics. The laboratory provides an opportunity for students to execute, analyze, and report on experiments of their own design and culminates with the preparation of a major research proposal which is presented both orally and in written form. Satisfies Writing Intensive requirement.

PSYC 302L. Advanced Experimental Psychology and Methodology Laboratory (1-0-3)

Corequisite: PSYC 302W.

PSYC 303. Industrial and Organizational Psychology (3-3-0)

Prerequisite: MATH 125.

An overview of the field of industrial/organizational psychology based on the application of psychological research and theory to understanding and predicting behavior in organizational settings. This course provides an examination of the dynamics of job motivation, organizational leadership, decision-making, group functioning, power relationships, personnel selection, training, performance measurement and appraisal, and other related topics.

PSYC 304. Social Psychology (3-3-0)
[Same as SOCL 306]

Prerequisite: PSYC 201, 202.

An examination of the nature and causes of individual behavior in social situations. The focus of the course is on social thinking and beliefs, attitudes and behavior, social influence processes, and both positive and negative social interactions.

PSYC 305. Psychology of Learning and Cognition (3-3-0)

Prerequisite: PSYC 201, 202.

A study of the principles of human and animal learning, retention, and problem-solving, with consideration also

given to methods of investigation and recent theories of learning and cognition.

PSYC 306. History and Systems of Psychology (3-3-0)

Prerequisite: PSYC 201, 202 and effective fall 2006 first year seminar. To be completed by the end of the Junior year. A survey of Psychology from Aristotle to the present with emphasis on the 19th and 20th centuries.

PSYC 307. Life-Span Development (3-3-0)

Prerequisite: sophomore standing or effective Fall 2006 first year seminar.

Credit will not be given for PSYC 210, 211 and this course. A study of data and theory concerning the development of the individual through the life-span, including cognitive, physical, and emotional processes.

PSYC 308. Child Development (3-3-0)

Prerequisite: sophomore standing or effective Fall 2006 first year seminar.

The biological, social, and emotional factors influencing the normal growth and development of the child from birth to adolescence.

PSYC 309. Adolescent Development (3-3-0)

Prerequisite: PSYC 201, sophomore standing, or effective Fall 2006 first year seminar.

This course examines the psycho/socio/biological development of humans from preadolescence through early adulthood. Theories, research, and problems in the developmental process are studied.

PSYC 310W. Research in Child Behavior-WI (3-3-0)

Prerequisite: ENGL 101/103H-102/104H or 123 effective fall 04-spring 06, and PSYC 301W/301L with a grade of C- or better.

This course focuses on understanding, analyzing, and interpreting theory and research on child behavior. Students will critically evaluate research and prepare a major research proposal, presented in written and oral formats. Application of primary research findings and theoretical principles to child behavior in practical settings is of central concern. Satisfies Writing Intensive requirement.

PSYC 312. Educational Psychology (3-3-0)

Prerequisite: PSYC 201, 202.

This course focuses on the application of psychological facts, principles, and methods to learning in the classroom. This includes developing skills in the evaluation of student performance as an aid to learning and teaching.

PSYC 313. Human Relations in Organizations (3-3-0)

Prerequisite: PSYC 201, 202.

An experiential approach to team effectiveness, focusing on leadership, decision-making, communication, problem solving, conflict-resolution, creativity, and other issues faced by task-oriented groups in organizations. Class attendance is mandatory.

PSYC 314. Psychology of Personality (3-3-0)

Prerequisite: PSYC 201, 202.

An examination of historical and contemporary psychological theories relating to the development, functioning, and modification of personality. A comparative approach is used

focusing upon the different perspectives of psychoanalysis, behaviorism, and humanistic psychology.

PSYC 315. Psychology of Abnormal Behavior (3-3-0)

Prerequisite: PSYC 201, 202.

A survey of behavior pathology emphasizing anxiety, mood, somatoform, eating, gender and substance disorders, as well as disorders related to childhood. Diagnostic criteria, etiology and treatment of each disorder is presented.

PSYC 320. Psychology of Gender (3-3-0)

Prerequisite: PSYC 201, 202

Introduces students to psychological research on the experiences, behaviors, and abilities of men and women. A comparative approach is used to examine historical, contemporary, and cultural differences in men and women. Topics include gender differences and similarities in mental abilities, personality, social behavior, mental health issues, and experiences of men and women in the workplace.

PSYC 327. Theories and Principles of Child Development (3-3-0)

Prerequisite: PSYC 201, 202.

Presents the general theories and principles of child development. Motor, social, emotional, linguistic, and cognitive development will be studied. Emphasis will be on patterns of normal development at each age, with some treatment of atypical development considered.

PSYC 333. Personnel Psychology (3-3-0)

Prerequisite: PSYC 201, 202, 300 or MATH 125 or BUSN 331.

Presents the application of psychological research, theory, and methods to developing, implementing, and assessing personnel techniques and human resource functions such as job analysis, selection procedures, and performance appraisal.

PSYC 340. Adult Development and Aging (3-3-0)

Prerequisite: PSYC 201 and sophomore standing, or effective fall 2006 first year seminar.

A study of the psychological processes involved in the middle and later years of human development from young adulthood to the end of the life cycle.

PSYC 350. Forensic Psychology (3-3-0)

Prerequisite: PSYC 201, 202.

Presents an overview of psychology as it is applied in judicial and criminal justice settings. Included in the course are readings and discussions about the personality types involved in criminal behavior, the use of psychology in law enforcement, and civil applications of forensic psychology.

PSYC 395. Elementary Topics (3-3-0)

Prerequisite: PSYC 201, 202, and consent of instructor.

Will present from time to time topics of special interest to the students and faculty of the department. Students who are interested in having a topics course in a certain area should make their suggestion to the Department Chair. Students should also check the current list of courses taught to determine what topics will be offered in any given semester. Only one elementary topics course may be offered toward a degree in psychology.

PSYC 403. Training in Organizations (3-3-0)

Prerequisite: PSYC 201, 202, 303.

Spring.

Practical and theoretical approaches to the training and development of employees in organizations from a systems perspective, including needs assessment processes, training methods and techniques, and training evaluation. Course focuses on incorporating knowledge of human learning and motivation to improve training effectiveness. Various training topics are examined, including leadership development and team-based training. May use large data bases such as Lexis for research papers and presentations.

PSYC 404. Physiological Psychology (3-3-0)

Prerequisite: PSYC 301W/301L with a grade of C- or better or consent of instructor for non-majors; *corequisite:* PSYC 404L.

A critical analysis of selected physiological mechanisms controlling behavior. Lecture topics include neuroanatomy/neurophysiology, sensory systems, homeo-statically regulated systems, psychopharmacology and the physiological basis of memory. The laboratory provides hands-on experience with physiological instrumentation, various computer simulations, and an introduction to surgical techniques.

PSYC 404L. Physiological Psychology Laboratory (1-0-3)

Corequisite: PSYC 404.

PSYC 405. Psychology of Motivation and Emotion (3-3-0)

Prerequisite: PSYC 301W/301L with a grade of C- or better (PSYC 305 recommended); *corequisite:* PSYC 405L.

A study of the emerging factors in behavior, including such topics as instincts, drives, homeostatically-regulated systems, emotions, stress, anxiety. Motivation is approached theoretically from a biological framework. The laboratory includes replication of important experiments using either human or animal subjects.

PSYC 405L. Psychology of Motivation and Emotion Laboratory (1-0-3)

Corequisite: PSYC 405.

PSYC 406. Psychology of Sensation and Perception (3-3-0)

Prerequisite: PSYC 301W/301L with a grade of C- or better; *corequisite:* PSYC 406L.

A study of sensory and perceptual processes presented in the framework of both theoretical and experimental issues. The laboratory includes experiments and demonstrations in several sensory/perceptual modalities.

PSYC 406L. Psychology of Sensation and Perception Laboratory (1-0-3)

Corequisite: PSYC 406.

PSYC 409. Behavioral Medicine and Health Psychology (3-3-0)

Prerequisite: PSYC 301W with a grade of C- or better or consent of instructor for non-majors; *corequisite:* PSYC 409L.

A critical appraisal of the primary literature in behavioral medicine and health psychology. An analysis of health enhancing and health-compromising decisions. Topics include stress and coronary prone behaviors, psychoimmunology, obesity, eating disorders, exercise,

smoking cessation, hypertension, diabetes, and pain management.

PSYC 409L. Behavioral Medicine and Health Psychology Laboratory (1-0-3)

Corequisite: PSYC 409.

PSYC 410. Psychological Tests and Measurements (3-3-0)

Prerequisite: PSYC 301W/301L with a grade of C- or better; corequisite: PSYC 410L.

Psychometric principles of test construction, development, validation, and utilization are examined. Current psychological instruments are studied in depth. The laboratory will focus on instruments and techniques appropriate to the concentration.

PSYC 410L. Psychological Tests and Measurements Laboratory (1-0-3)

Corequisite: PSYC 410.

PSYC 415. Comparative Psychology (3-3-0)

Prerequisite: PSYC 301W/301L with a grade of C- or better; corequisite: PSYC 415L.

This course will focus on the fundamental methods and content of comparative psychology. Classic and contemporary principles and research will be discussed. The course will include such topics as the history of comparative psychology as well as movement, foraging, social grouping, territoriality, mating systems and reproduction, predator/prey relationships, animal learning, and animal cognition. The laboratory will focus on the questions, techniques, methods, instruments, and activities related to course content.

PSYC 415L. Comparative Psychology Laboratory (1-0-3)

Corequisite: PSYC 415.

PSYC 420. Human Sexuality (3-3-0)

Prerequisite: PSYC 201, 202.

Biological, psychological, and social aspects of human sexual behavior throughout the life span.

PSYC 423. Organizational Psychology: The Social Psychology of Work (3-3-0)

Prerequisite: PSYC 201, 202, PSYC 301W, PSYC 303, or consent of instructor for non-majors.

Fall.

A study of work motivation, job satisfaction, leadership, leadership within organizations, organizational development and change, and other organizational dynamics presented within the framework of theoretical and practical applications. The relationships between these variables/processes and organizational outcomes (e.g., productivity, turnover) will be examined from the perspective of the organization as a system.

PSYC 428. Cognitive Development (3-3-0)

Prerequisite: PSYC 301W/301L with a grade of C- or better
Corequisite: PSYC 428L.

An overview of the development of cognitive processes from infancy to adolescence, including such topics as attention, memory, mental representation, language and conceptual development, and intellectual development. The labo-

ratory will focus on methods, instruments, demonstrations, and activities related to course content.

PSYC 428L. Cognitive Development Laboratory (1-0-3)

Corequisite: PSYC 428.

PSYC 490. WI:Senior Seminar (3-3-0)

Prerequisite: ENGL 101/103H-102/104H or 123 effective fall 04-spring 06; senior standing; PSYC 301W/301L and PSYC 306 with a grade of C- or better.

Topical seminars to cover a variety of areas. These seminars are limited to seniors only. Satisfies Writing Intensive Requirement.

PSYC 491. Practicum in Psychology (3-3-0)

Prerequisite: Senior standing; completion of PSYC 301W/301L and 306 with a grade of C- or better; prior permission of the instructor.

Students in the industrial/organizational concentration must have also successfully completed three of the following courses: PSYC 303, 313, 316, 333, 410 and 413. Additional requirements for the practicum are set forth in the Field Manual for Practicum Students in Psychology, which is available in the Office of the Department of Psychology. Students enrolling in this course will participate in an organization, agency or other placement appropriate to the student's educational and professional goals. Those wishing to enroll in this course must contact the instructor of the course prior to the preregistration period to receive permission to enroll. Students failing to receive prior permission by the instructor will be unable to register for the course. Students will play a major role in finding an appropriate placement. Failure to comply with the above requirements can result in no placement. A maximum of one registration can be counted toward a degree.

PSYC 492. Directed Research in Psychology (3-3-0)

Prerequisite: PSYC 301W/301L with a grade of C- or better.

Directed study consisting of either library or empirical research supervised by a professor from the Department of Psychology.

PSYC 495. Advanced Topics (3-3-0)

Prerequisite: PSYC 201 and completion of all required 300-level PSYC courses.

PSYC 499. Independent Study in Psychology (credits vary)

Prerequisite: senior standing and consent of instructor.

This course is designed to allow the qualified student to enrich his/her program by pursuing independent work in psychology. The topic, time-lines, and criteria for evaluation are agreed upon in writing by the student and supervising instructor. Copies of the study plan must be filed with appropriate University offices, attached to an Independent Study Authorization Form. This form is available through the Office of the Registrar. The necessary paperwork must be completed by the end of registration in the semester in which the study is to be completed. The research conducted may consist of bibliographic or experimental research. A maximum of six hours earned in PSYC 499 may be counted toward a degree.