

301. Special Problems
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 6 credits. Approval of department.

411. Poultry Seminar
Fall. 1(2-0) May re-enroll for a maximum of 3 credits.
Special articles and reports.

413. Avian Nutrition
Fall. 3(3-0) ANS 325.
Nutrient requirements. Feed ingredients. Factors affecting digestion and utilization of feed. Formulation of practical poultry feeds. Nutritional problems. Systems and practices for feeding poultry.

424. Poultry Breeding and Incubation
Winter of even-numbered years. 4(3-2) ANS 461.
Genetic and biological factors affecting economic characteristics including egg production, egg size, hatchability, growth and viability and factors involved in the hatching of eggs.

435. Poultry Industry-Management and Marketing
Spring of even-numbered years. 5(4-2) 224 or approval of department.
Practical application of economic and management principles to commercial poultry enterprises.

440. Avian Physiology
Spring of odd-numbered years. 4(3-3) Approval of department. Interdepartmental and administered jointly with the Physiology Department.
A survey of the systemic physiology of birds emphasizing digestion, metabolism, the endocrines, and reproduction.

800. Advanced Poultry—Special Problems
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

801. Advanced Poultry Seminar
Fall, Winter, Spring. 2 credits. May re-enroll for a maximum of 6 credits. Approval of department.

899. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

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

PSYCHIATRY PSC
College of Human Medicine

508. Medical Psychopathology
Fall, Winter, Spring. 2(1-3) May re-enroll for a maximum of 4 credits. H M 501.

Psychiatric nosology, diagnosis and medical psychopathology. Interview technique, diagnosis of common psychiatric disorders, psychopathology and its behavior disorders encountered in the practice of medicine.

590. Special Problems in Psychiatry
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. Human Medicine students.
Each student will work under direction of a staff member on an experimental, theoretical or applied problem.

PSYCHOLOGY PSY

**College of Human Medicine
College of Social Science**

107. Motivation and University Life
Fall, Winter, Spring. 2(2-0) Referral by Counseling Center and approval of Department.

Seminars on topics of current interest relating psychological principles to problems of university life. Topics include behavior motivation, attitudes and values, perception of self and others, and learning processes.

151. General Psychology
Fall, Winter, Spring, Summer. 4(4-0)

Survey of psychological topics including learning motivation, emotions, intelligence, personality, and social relations. Students participate in psychological experiments outside of class for up to 3 to 5 hours a term.

200. Principles of Behavior
Fall, Winter, Spring, Summer. 5(5-0) 151 or ED 200 or Sophomores with approval of department.

This course recommended for students planning to take more than 12 credits in psychology. Psychology as a science of behavior with emphasis on experimental findings primarily in the fields of learning, perception and motivation. Students participate in psychological experiments outside of class.

215. Introduction to Psychological Measurement
Fall, Winter, Spring, Summer. 4(3-2) 200.

Psychology as a quantitative discipline; graphical presentation and interpretation; psychological data in various content fields; methods of summarizing behavioral data; samples, populations and probability in psychological research; hypothesis testing.

225. Psychology of Personality
Fall, Winter, Spring, Summer. 3(3-0) 151 or 200.

Application of psychological principles to an introductory understanding of personality and interpersonal adjustments; social motivation, frustration, conflicts, and adjustment mechanisms; theories of adjustment, the assessment of personality, problems of mental hygiene and some theories of psychotherapy.

255. Psychology of Business and Personnel
Fall, Winter, Spring, Summer. 3(3-0) 151 or 200.

Application of psychological principles and methods to selection, placement, training, supervision, evaluation, and motivation of personnel; worker and manager efficiency; accident prevention. Introduction to problems of human relations in business and industry.

302. Human Learning and Performance
Winter, Spring. 5(3-4) 215.

Concepts, procedures, issues, and principles involved in the acquisition, retention, transfer and execution of verbal learning, identification, learning, concept formation, and perceptual-motor skills. Representative demonstrations and experiments.

304. Physiological Psychology
Fall, Spring. 3(3-0) One course in experimental psychology; N S 193.

Physiological mechanisms underlying basic behavioral processes, including sensation, emotion, motivation and learning.

310. Sensation and Perception
Fall, Winter, Spring, Summer of even-numbered years. 3(3-0) 200, 215; 311 concurrently.

Concepts, issues and principles in the areas of sensation and perception.

311. Experimental Psychology: Sensation and Perception
Fall, Winter, Spring, Summer of even-numbered years. 2(0-4) 200, 215; 310 concurrently.

Representative experiments and demonstrations in the areas of sensation and perception.

312. Learning and Motivation
Fall, Winter, Spring, Summer of odd-numbered years. 3(3-0) 200, 215; 313 concurrently.

Concepts, issues, and principles of learning and motivation.

313. Experimental Psychology: Learning and Motivation
Fall, Winter, Spring, Summer of odd-numbered years. 2(0-4) 200, 215; 312 concurrently.

Representative experiments and demonstrations in learning and motivation.

315. Psychometric Methods
Fall, Winter, Spring, Summer. 3(2-2) 151 or 215 and approval of department.

Applications of statistical methods and techniques to psychological data in relation to theories, hypotheses, assumptions and interpretation.

325. Traits and Abilities
Spring. 3(3-0) 215.

Ways in which individuals differ in personality: theories, methods, and techniques for understanding and studying personality organization and structure in relation to causation and prediction.

335. Principles of Social Psychology
Fall, Winter, Spring, Summer. 4(4-0) 200 or 3 credits in psychology beyond 151. Students may not earn credit in both 335 and SOC 351.

A critical survey of social psychology with emphasis on psychological principles underlying social behavior. Topics include social perception; motivation; attitudes and attitude change; social interaction in small groups and in large-scale organizations.

336. Psychology of Social Movements
Fall, Spring. 3(3-0) 200 or 335 or SOC 351.

Psychology of political, religious, and other social movements: group identifications and affiliation, socialization, conversion, and defection; the perception of social movements by members; influences of motivation and personality on ideologies and social movements.

337. Legal and Criminal Psychology
Fall, Winter, Spring. 3(3-0) 151 or 200 or ED 200.

Application of psychological principles, methods and techniques to legal and criminal problems and procedures, including the formation, detection, prevention, and rehabilitation of criminal behavior; testimony, legal arguments, trial tactics and the other courtroom procedures.

345. Child Psychology
Fall, Winter, Spring, Summer. 4(4-0) 151 or 200 or ED 200.

Psychological development of the child; genetic, prenatal and postnatal influences; infancy, preschool and school age periods; relations with parents and peers; social, emotional and intellectual development.