

**POULTRY SCIENCE P S**

**College of Agriculture and  
Natural Resources**

**224. Poultry Science and Practice**  
*Winter, Spring. 4(3-2)*

Poultry in the agricultural economy; fundamental principles of anatomy, physiology and body systems; diseases, their prevention and control; management practices and procedures in producing poultry meat and eggs.

**301. Special Problems**

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

Studies in any of the following: avian genetics, management, nutrition, physiology, other areas of poultry science.

**413. Avian Nutrition**

*Fall. 4(3-3) ANS 325.*

Factors affecting digestion and utilization of dietary ingredients. Nutrient requirements and formulation of practical poultry feeds. Nutritional problems and assay methods. Food and drug laws influencing poultry feeds.

**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.

**454. Avian Disease Prevention and Treatment**

*Winter of even-numbered years. 4(3-2) MPH 200 or B S 212 or approval of department.*

Microbiological concepts; causes, preventive and therapeutic methods for poultry diseases, laboratory diagnosis and experiments.

**IDC. The Impact of Animal Resource Management Upon the World's Developing Nations**

*For course description, see Interdisciplinary Courses.*

**800. Advanced Poultry-Special Problems**

*Fall, Winter, Spring, Summer. Variable credit. Approval of department.*

Studies in any of the following: avian genetics, management, nutrition, physiology, other areas of poultry science.

**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  
College of Osteopathic 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; graduate students with approval of department.*

Each student will work under direction of a staff member on an experimental, theoretical or applied problem.

**608. Psychiatry Clerkship**

*Fall, Winter, Spring. 1 to 17 credits. May re-enroll for a maximum of 43 credits. Approval of department.*

A program designed to permit the student to become familiar with and participate in the contemporary practice of psychiatry utilizing supervised in-patient, out-patient, emergency and community mental health services.

**PSYCHOLOGY PSY**

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

**107. Motivation and University Life**

*Fall, Winter, Spring. 2(3-0) For Freshmen and Sophomores with a 2.5 grade-point average or lower; 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.

**139. Psychology of Women**

*Winter, Spring. 3(3-0) Primarily for Freshmen and Sophomores.*

Psychological development of sex-typed behavior and sex differences in cognitive and personality functioning; reproductive behavior; impact of social expectations on self-concept, achievement and affiliation orientations, and life decisions.

**160. Introductory Psychology: Social-Personality**

*Fall, Winter, Spring, Summer. 3(3-0)*

The complex functioning of the individual in his social environment will be considered. Topics include: socialization, interpersonal perception, group processes, motives, emotions, attitudes, and values. Students may participate in psychological experiments outside of class.

**161. Topics in Introductory Psychology: Social-Personality**  
*Fall, Winter, Spring, Summer. 2(2-0) 160 must be elected concurrently.*

A small-enrollment discussion class for students enrolled in 160 who are interested in discussing a particular psychological topic in depth. A number of different sections will be offered, each discussing a different topic.

**170. Introductory Psychology: General**

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

Principles underlying the behavior of humans and animals. Topics include: cognition, emotion, motivation, learning, sensation, and perception. Students may participate in psychological experiments outside of class.

**215. Introduction to Psychological Measurement**

*Fall, Winter, Spring, Summer. 4(3-2) 160 or 170.*

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) 160 or ED 200 or Sophomores with approval of department.*

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.

**245. Introduction to Child Psychology**

*(345.) Fall, Winter, Spring, Summer. 4(4-0) 160 or 170 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.

**246. Sensitivity to Children I**

*Fall. 2(2-1) Sophomores and three credits in psychology.*

Three-term sequence emphasizes supervised weekly play with a child and analysis of videotaped recordings. Readings and discussions cover problems faced by child therapists, teachers and parents.

**247. Sensitivity to Children II**

*Winter. 2(2-1) 246.*

Continuation of 246.

**248. Sensitivity to Children III**

*Spring. 2(2-1) 247.*

Continuation of 247.

**255. Organizational and Personnel Psychology**

*Fall, Winter, Spring, Summer. 3(3-0) Introductory course in psychology.*

The psychology of managing and leading, personnel operations, and the humanizing of work organizations.