

**Descriptions — Poultry Science  
of  
Courses**

**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. 3(2-2) Sophomores and three credits in psychology; not open to Seniors.

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. 3(2-2) 246.

Continuation of 246.

**248. Sensitivity to Children III**

Spring. 3(2-2) 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.