

Courses for the Music Education Certification

Psychology Requirement

Recommended Courses at Carnegie Mellon University, Carlow College, Chatham College, University of Pittsburgh, Duquesne University, and CCAC:

Carnegie Mellon University

85102 – Introduction to Psychology (9 units) - This course examines major areas of scientific psychology in some depth, the attempt being to develop basic models of our behavior and thought that explain wide areas of our functioning. The primary focus is on the areas of neural and motivational control of behavior, memory and thought, social interaction, and psychological development. Specific topics within these areas include brain function, motivational control systems, learning, cognitive and perceptual information processing, problem solving, obedience and conformity, social interaction, emotion, attitude consistency and change, how our social, cognitive and language functions develop, the importance of childhood to adult functioning, and psychopathology. In addition to the lecture, the course includes a weekly recitation section meeting and weekly short WEB-based laboratory experiences in which students get to perform actual experiments, interpret real data, and experience many psychological phenomena.

85211 – Cognitive Psychology (9 units) - How do people perceive, learn, remember, and think? This course will consider perception, language, attention, learning, memory, reasoning, and decision making. Experimental findings and formal models will be discussed in each part of the course.

Carlow College

PY 308 – Psychology of the Exceptional Child. *Prerequisite: PY 205. 3 credits*

Chatham College

PSY152 – Human Growth and Development - Physical, cognitive, social, and emotional development are studied throughout the life span. Major theories of development are discussed. Applications and examples are presented from applied contexts. Special needs of individuals at various stages throughout the life span are addressed. This course is not a substitute for 200- and 300-level developmental courses that apply toward majors in psychology and social work and certification in education. Does not count toward the psychology major.

PSY326 – Psychology of Learning - An overview of the principles and research associated with modern learning theory. Topics include classical conditioning, operant learning, reinforcement theory, and stimulus control of behavior.

PSY513 – Learning and Behavior - Addresses concepts of instrumental and classical conditioning. Identifies concepts relevant to behavior formation and maintenance. Recognizes application of conditioning techniques to counseling sessions. Reviews research data on learning techniques. Addresses effective and cognitive elements of learning theories. Emphasizes ways to improve clients' self-change abilities. \

University of Pittsburgh

(0310) – Developmental Psychology. Prerequisite: PSY 0010. (3 hrs.)

An overview of the physical, cognitive, and social development of humans from fertilization and prenatal to adolescence. Focus on normal development. Prerequisite: PSY 0010. (Satisfies Social Science requirement for the School of Engineering) (Meets UPB Behavioral Sciences requirement)

(0405) – Learning and Motivation. Prerequisite: PSY 0010. (4 hrs.)

An introduction to the principles of learning and motivation as derived primarily from animal research. Includes both Pavlovian (respondent) and Skinnerian (operant) models. Prerequisite: PSY 0010. (Meets CAS Life Science Requirement, either Independent or Sequence, when taken with other PSY courses; see your advisor) (Meets UPB Behavioral Sciences requirement)

(0006) – Introduction to Educational Psychology. Prerequisite: PSY 0010. (3 hrs.)

Deals with the psychological aspects of the educational process. Theories and research from both psychology and educational psychology are examined in the areas of cognitive and social development, individual differences, culture, cognitive processes, learning, motivation, classroom management, and measurement.

(1003) – Adolescent Psychology. (3 hrs.)

(1312) – Child Development and Social Development. (3 hrs.)

(1315) – Developmental Psychology: Infancy. (3 hrs.)

(1325) – Developmental Psychology: Social Development. (3 hrs.)

(1355) – Adolescence. (3 hrs.)

Duquesne University

225. Developmental Psychology I: Infancy and Childhood. 3 cr.

This course focuses on the development of children from infancy to adolescence, addressing social, cultural, biological, cognitive, and existential aspects of child development.

226. Developmental Psychology II: Adolescence and Early Adulthood. 3 cr.
Development from adolescence through early adulthood, addressing social, cultural, biological, cognitive, and existential aspects of development.

Community College of Allegheny County

PSY-201 - Educational Psychology (3 credits). Prerequisite(s): PSY101

This is a course on learning in an educational setting. Topics include theories of learning and teaching, the nature and development of the child, creativity, individual difference, standardized testing, and classroom interaction.

PSY-210 - Child Psychology (3 credits). Prerequisite(s): PSY101

This course is a study of the child's physical/biological, cognitive and psychosocial growth under a variety of environmental conditions. Topics include: theories of development, physical/biological development, cognitive development, and theories of personality formation, normal and abnormal development