ANA - ANATOMY AND CELL BIOLOGY

ANA 6050 Biology of the Eye Cr. 3
Introduction to biology of eye structure/function, and to causes and clinical treatments of eye-related disorders and diseases. Offered for undergraduate credit only. Offered Yearly.
Restriction(s): Enrollment is limited to Undergraduate level students.
Equivalent: BIO 6055, PYC 6050
Course Material Fees: $25

ANA 7010 Human Gross Anatomy Cr. 8
Lectures and dissection of limbs, back, thorax, abdomen, head and neck, pelvis and perineum. Written and practical examinations. Offered Fall.
Restriction(s): Enrollment is limited to students with a major in Anatomy & Cell Biology; enrollment is limited to Graduate level students.

ANA 7030 Human Microscopic Anatomy Cr. 4
The microscopic structure of tissues and organs. Lectures and laboratory study. Offered Fall.
Restriction(s): Enrollment is limited to students with a major in Anatomy & Cell Biology or Pathology; enrollment is limited to Graduate level students.

ANA 7055 Biology of the Eye Cr. 3
Integrated introduction to basic biological structure/function of the eye; causes and clinical treatments of eye-related disorders and diseases. Offered Fall.
Restriction(s): Enrollment is limited to Graduate level students; enrollment limited to students in the School of Medicine.
Equivalent: BIO 7055

ANA 7065 Mechanisms of Ocular Disease I Cr. 2
Lectures and readings on mechanisms and current treatments for diseases of the anterior segment of the eye. Offered Winter.
Prerequisite: ANA 7055 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students.

ANA 7075 Mechanisms of Ocular Disease II Cr. 2
Lectures and readings on mechanisms and current treatments for diseases of the posterior segment of the eye. Offered Fall.
Prerequisite: ANA 7055 with a minimum grade of C
Restriction(s): Enrollment is limited to Graduate level students.

ANA 7080 Human Embryology Cr. 3
Study of experimental and human embryology; developmental processes, with particular reference to human embryology. Offered Fall.
Restriction(s): Enrollment is limited to students with a major in Anatomy & Cell Biology; enrollment is limited to Graduate level students.

ANA 7130 Neuroanatomy Cr. 4
Lecture and laboratory study of the nervous system. Offered Winter, Spring/Summer.
Restriction(s): Enrollment is limited to students with a major in Anatomy & Cell Biology; enrollment is limited to Graduate level students.

ANA 7260 Special Dissection Cr. 2-10
Offered Every Term.
Restriction(s): Enrollment is limited to students with a major in Anatomy & Cell Biology; enrollment is limited to Graduate level students.
Repeatable for 20 Credits

ANA 7270 Special Projects in Anatomy Cr. 2-10
Research rotations leading to selection of permanent advisor. Offered Every Term.
Restriction(s): Enrollment is limited to students with a major in Anatomy & Cell Biology; enrollment is limited to Graduate level students.

ANA 7890 Seminar Cr. 1
Biweekly departmental seminar. Offered Every Term.
Restriction(s): Enrollment is limited to students with a major in Anatomy & Cell Biology; enrollment is limited to Graduate level students.
Repeatable for 4 Credits

ANA 7996 Research Cr. 1-15
Research under direction of permanent advisor. Offered Every Term.
Restriction(s): Enrollment is limited to students with a major in Anatomy & Cell Biology; enrollment is limited to Graduate level students.
Repeatable for 30 Credits

ANA 8999 Master’s Thesis Research and Direction Cr. 1-8
Original research leading to M.S. degree under Plan A. Offered Every Term.
Restriction(s): Enrollment limited to students with a major in Anatomy & Cell Biology; enrollment is limited to Graduate level students.
Repeatable for 8 Credits

ANA 9990 Pre-Doctoral Candidacy Research Cr. 1-8
Research in preparation for doctoral dissertation. Offered Every Term.
Restriction(s): Enrollment is limited to Graduate level students.
Repeatable for 12 Credits

ANA 9991 Doctoral Candidate Status I: Dissertation Research and Direction Cr. 7.5
Offered Every Term.
Restriction(s): Enrollment limited to students with a class of Doctoral Candidate; enrollment is limited to Graduate level students.

ANA 9992 Doctoral Candidate Status II: Dissertation Research and Direction Cr. 7.5
Offered Every Term.
Prerequisite: ANA 9991 with a minimum grade of S
Restriction(s): Enrollment is limited to Graduate level students.

ANA 9993 Doctoral Candidate Status III: Dissertation Research and Direction Cr. 7.5
Offered Every Term.
Prerequisite: ANA 9992 with a minimum grade of S
Restriction(s): Enrollment is limited to Graduate level students.

ANA 9994 Doctoral Candidate Status IV: Dissertation Research and Direction Cr. 7.5
Offered Every Term.
Prerequisite: ANA 9993 with a minimum grade of S
Restriction(s): Enrollment is limited to Graduate level students.

ANA 9995 Candidate Maintenance Status: Doctoral Dissertation Research and Direction Cr. 0
Offered Every Term.
Restriction(s): Enrollment is limited to Graduate level students.
Course Material Fees: $348.67
Repeatable for 0 Credits