HUMAN MEDICINE

Prosection of selected regions and isolated structural, pathological and accidental.

Cell Biology and Physiology I
Fall, 3 credits. Interdepartmental with Biochemistry and Molecular Biology and Physiology. Administered by Physiology. R: Open only to graduate-professional students in the College of Human Medicine or College of Osteopathic Medicine.

Cell Biology and Physiology II
Spring, 4 credits. Interdepartmental with Biochemistry and Molecular Biology and Physiology. Administered by Physiology. R: Open only to graduate-professional students in the College of Human Medicine or the College of Osteopathic Medicine.

Modern concepts of cell biology as a basis for understanding the physiology of human tissues and organ systems in health and disease.

Cell Biology and Physiology III
Fall, 4 credits. Interdepartmental with Biochemistry and Molecular Biology and Physiology. Administered by Physiology. R: Open only to graduate-professional students in the College of Human Medicine or the College of Osteopathic Medicine.

Modern concepts of cell biology as a basis for understanding the physiology of human tissues and organ systems in health and disease. Continuation of PSL 534.

Principles of Cell Biology and Pathophysiology
Fall, 4(3-2) Interdepartmental with Biochemistry and Molecular Biology and Microbiology and Molecular Genetics and Physiology. Administered by Physiology. R: Open to graduate-professional students in the College of Osteopathic Medicine.

Modern concepts of human cell biology as a basis for understanding integration of structure (histology) and function (physiology) in health and disease (pathology). Introduction to adaptive growth response, cell injury, inflammation, hemodynamic disorders, and tissue repair.

Gross Anatomy for Nurse Anesthetists
Fall, 4(3-2) R: Approval of department. Clinically oriented human regional gross anatomy for nurse anesthetists using prosections, case studies, and medical imaging.

Medical Gross Anatomy
Fall, 6-4(6) R: Open to students in the College of Human Medicine or approval of department. SA: ANT 551

Human regional gross anatomy with clinical correlations using prosections, cross-sections, and medical imaging.

Medical Neuroscience
Spring, 4(3-2) Interdepartmental with Neurology and Ophthalmology and Physiology and Radiology. Administered by Neurology and Ophthalmology. R: Open only to graduate-professional students in the Colleges of Human Medicine and Osteopathic Medicine. SA: ANT 552

Anatomical prosection and body-region specific pathologies.

Advanced Human Gross Anatomy for Education or Research
Fall of even years. 5(4-1) R: Approval of department.

Human gross anatomy using prosections, medical imaging, and multimedia resources.

Directed Study in Clinical Prosection
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 15 credits in all enrollments for this course. P: ANTR 510 or ANTR 551 or HM 556

RB: Open to Clerkship Students in the College of Human Medicine and College of Osteopathic Medicine. R: Open to human medicine students in the College of Osteopathic Medicine.

Directed Study in Clinical Prosection
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 15 credits in all enrollments for this course. P: ANTR 510 or ANTR 551 or HM 556

RB: Open to Clerkship Students in the College of Human Medicine and College of Osteopathic Medicine. R: Open to human medicine students in the College of Human Medicine and open to osteopathic medicine students in the College of Osteopathic Medicine. Approval of department.

Independent study of a specific topic from gross anatomy, histology, radiological anatomy, cytology, neurosciences, or embryology.

ANTR—Human Anatomy

Human Gross Anatomy for Pre-Health Professionals
Fall, Spring, Summer. 3(4-0) P: BS 161 or BS 181H or LB 145 R: Not open to freshmen or approval of department.

Survey of human systemic gross anatomy with clinical illustrations. Structural basis of organ system physiology. Introduction to medical terminology and clinical language.

Human Gross Anatomy Laboratory
Fall, Spring, Summer. 10(3-3) Summer. Grand Rapids. P: ANTR 350 or concurrently R: Approval of department. SA: ANTR 381 Not open to students with credit in KIN 217

Introductory, structured laboratory survey of human regional gross anatomy using prosections, medical imaging, and multimedia for students in allied medical fields. Correct usage and pronunciation of medical terminology.

Human Gross Anatomy
Fall, Spring, Summer. 4-6(4-2) R: Approval of department.

Special Problems in Anatomy
Fall, Spring. 1 to 5 credits. A student may earn a maximum of 15 credits in all enrollments for this course. P: ANTR 350 or concurrently R: Approval of department. A student may earn a maximum of 8 credits in IBIO 328

Directed Study in Human Prosection
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 15 credits in all enrollments for this course. P: ANTR 510 or ANTR 551 or HM 556

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Fall, Spring, Summer. 1 to 5 credits. A student may earn a maximum of 15 credits in all enrollments for this course. P: ANTR 510 or ANTR 551 or HM 556

RB: Open to Clerkship Students in the College of Human Medicine and College of Osteopathic Medicine. R: Open to human medicine students in the College of Osteopathic Medicine and open to osteopathic medicine students in the College of Osteopathic Medicine. Approval of department.

Independent study of a specific topic from gross anatomy, histology, radiological anatomy, cytology, neurosciences, or embryology.

Directed Study in Clinical Prosection
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