440 Human Anatomical Variation
Spring of even years. 2(2-0) P: ANTR 350 or KIN 216 or ZOL 328
Human anatomical variation including developmental, pathological and accidental.

485 Directed Study in Human Prosection
Fall, Spring, Summer. 2 to 4 credits. A student may earn a maximum of 15 credits in all enrollments for this course. P: ANTR 350 or ZOL 328 or KIN 217 or ZOL 320 R: Open to juniors or seniors. Approval of department.
Prosection of selected regions and isolated structures of preserved human cadavers.

490 Special Problems in Anatomy
Fall, Spring, Summer. 1 to 5 credits. A student may earn a maximum of 15 credits in all enrollments for this course. R: Approval of department. SA: ANT 480
Topics from an anatomical field such as gross anatomy, histology, cytology, neuroanatomy, or embryology.

510 Clinical Human Gross Anatomy and Palpatory Skills
Summer, Spring. 8(6-6) RB: ANTR 350 R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of department.

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

535 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. Continuation of PSL 534.

536 Basic Principles of Cell Biology and Physiology
Fall, 3(2-2) Interdepartmental with Biochemistry and Molecular Biology and Physiology. Administered by Physiology. R: Open to graduate-professional students in the College of Osteopathic Medicine.
Modern concepts of cell biology as a basis for understanding the structure (histology) and function (physiology) of human tissues in health and disease.

541 Gross Anatomy for Nurse Anesthetists
Fall, 4(3-2) R: Approval of department. Not open to students with credit in ANTR 551.
Clinically oriented human regional gross anatomy for nurse anesthetists using prosections, case studies, and medical imaging.

551 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.

552 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
Correlation of normal structure and function of the human nervous system with clinical testing, classical lesions, and common diseases.

585 Directed Study in Human Prosection
Fall, Spring, Summer. 1 to 5 credits. A student may earn a maximum of 15 credits in all enrollments for this course. P: ANTR 551 or ANTR 510 R: Open to human medicine students or osteopathic medicine students.
Approval of department.
Prosection of selected regions and isolated structures of preserved human cadavers. Oral presentation.