



- HUMR 309 Basic Histology 58.69; 6 cr.**  
Similar to HUMR 209. *Offered to all graduate students in the department.*
- HUMR 310 Methods in Morphology 0.64; 2 cr.**  
A guided laboratory course in methods used in morphology and cell biology research. *Open to graduate students.*
- HUMR 312 Anatomy Tutorial 0.64; 2 cr.**  
A guided literature review of special research topics.
- HUMR 313 Directed Reading and Research 0.32-96; 1-3 cr.**  
Specific reading and research assignments under supervision of an adviser. *At the discretion of the thesis supervisor.*
- HUMR 314/315 Research Seminar 0.32; 1 cr.**  
Presentation and discussion of timely research topics designated by members of the department.
- HUMR 316 Principles of Electron Microscopy 32.0; 2 cr.**  
Lectures on, and demonstration of, basic techniques of electron microscopy. *Alternate years.*
- HUMR 318 Principles of Histochemistry 16.48; 3 cr.**  
Lectures, demonstration, and laboratory work related to the principal techniques of histochemistry, including immuno-histochemistry. *Prerequisite: HUMR 305 or HUMR 309.*
- HUMR 319 Biology of Nerve and Muscle**  
Equivalent to IDTH 309. *See Interdepartmental Teaching.*
- HUMR 346 Human Morphology for graduate students 48.32; 4 cr.**  
A course that includes the embryology component of HUMR 207, the whole of HUMR 246, and an experimental anatomy part.
- HUMR 397/398 MS Thesis 9 cr.**  
Original research under faculty supervision leading to the MS degree.
- HUMR 260 Elective in Human Morphology 0.180-360**  
An elective for Medicine III and IV in which the student can select one or more disciplines within the department including applied immunology, general surgical anatomy, radiographic anatomy, experimental neuroanatomy, neuromuscular disorders, techniques for study of cells and tissues, and experimental neuropathology. *One to two months.*
- HUMR 261 Elective in Basic Neuroscience 0.180-360**  
Open to Medicine III and IV students, graduate students in the combined MS-MD program and visiting medical students. The objective of this elective is to involve the students in a basic research project as part of the on-going studies in the neuroscience research laboratories of the Departments of Physiology and Human Morphology. These laboratories serve as a core to the interfaculty Graduate Neuroscience Program. The current research involves interfaculty collaboration among faculty members in various basic and clinical neuroscience fields as well as biology and electrical engineering. Students present a seminar about their work and evaluation of the elective is based on close observation of performance.
- IDTH 208 Basic Neuroscience 6 cr.**  
*See Interdepartmental Teaching.*