

# CLINICAL ANATOMY, MS

The MS Clinical Anatomy degree is designed to train the next generation of educators in the health sciences. This is a 2-year non-thesis program of study of cadaveric dissection-based gross anatomy, embryology, cell biology and histology, and neuroscience leading to a MS degree in Anatomy. It is designed specifically for candidates who wish to develop careers in teaching and research in the anatomical sciences. In the first year, students in the program take anatomy and histology courses along with other graduate courses. In the second year, student take courses and practicums that train them in the principles and practice of medical education and curriculum development.

Class size is small to maximize the small-group teaching environment. All graduate courses in the program are taught within the School of Medicine by full time Medical School faculty.

This is a two-year non-thesis program that leads to the MS Clinical Anatomy degree. It is designed for bachelor degree graduates and physicians who intend to follow a career in teaching the morphological sciences in colleges as well as research and scholarship in health sciences education. With a MS Clinical Anatomy degree, graduates can apply for teaching positions in anatomy, histology, embryology, neuroanatomy, biomedical sciences.

## Requirements

Students must take 42 credit hours of course work over 4 semesters and complete the requirements for the degree.

### LIST OF SCB ELECTIVE COURSES

#### Offered in Fall Semester

Course ID	Title	Credits
ANAT 7065	Graduate Anatomy I	7
ANAT 7120	Anatomy Research Sem I	1
ANAT 7240	Advances in Anatomical Sciences I	1
ANAT 7350	Anatomical Techniques	3
ANAT 7410	Grad Intro Functional Anatomy	1
ANAT 7510	Teaching Micro Anatomy 1	1
ANAT 7610	Teaching Techniques in Hlth Sc	2
ANAT 7630	Clinical Grand Rounds Surgery	1
ANAT 7640	Clinical Grand Rounds Medicine	1
ANAT 7750	Teaching Gross & Deve Anatomy	3
ANAT 7810	Research Design & Methods 1	3
ANAT 7830	Research Project Presentation	5

#### Offered in Spring Semester

Course ID	Title	Credits
ANAT 7055	Graduate Histology I	3
ANAT 7130	Anatomy Research Sem II	2
ANAT 7250	Advances in Anatomical Sci II	1
ANAT 7420	Graduate Systems Functional Anatomy	1
ANAT 7520	Teaching Microscopic Anat 2	2
ANAT 7560	Signal Transduction/Hormone Ac	2
ANAT 7575	Graduate Neuroscience	6
ANAT 7620	Interactive Teaching Technique	2
ANAT 7630	Clinical Grand Rounds Surgery	1
ANAT 7640	Clinical Grand Rounds Medicine	1
ANAT 7760	Teaching Neuroanatomy	1
ANAT 7820	Research Design & Methods 2	3
ANAT 7840	Research Thesis	6



**Offered in the Summer**

**Course ID**

ANAT 7790

**Title**

Adv Surgery based Anat Dissect

**Credits**

5