ANATOMY RESEARCH, MS

The MS Anatomy Research degree provides a program of research training for those who wish to become biomedical and medical education researchers.

This is a 2-year thesis program of study of gross anatomy, embryology, cell biology, and histology leading to a Master of Science degree in Anatomy by research. It is designed specifically for candidates who wish to develop research careers in biomedical science and medical education. In the first year, students in the program take anatomy and histology courses along with other graduate courses. All courses in the program are taught within the School of Medicine by full time faculty. In the second year, students carry out mentored research in the Department of Structural and Cellular Biology.

Who is this program meant for?
This is a two-year program of taught classes and laboratory research that leads to the MS Anatomy Research degree. It is designed for bachelor degree graduates and physicians who intend to follow a research career in the biomedical sciences. With a MS Anatomy Research degree, graduates can apply for laboratory research positions or to PhD programs in biomedical sciences.

Program calendar

The MS in Anatomy Research curriculum is designed for completion within two years. Classes start in August and end in May each year.

Requirements

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 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

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Offered in the Summer

Course ID	Title	Credits
ANAT 7790	Adv Surgery based Anat Dissect	5

Students must take 43 credit hours of course work over 4 semesters and complete the requirements for the degree.