

USC SCHOOL	Keck School of Medicine
ACADEMIC DEPARTMENT	Integrative Anatomical Sciences
GRADUATE PROGRAM	Master of Science in Integrative Anatomical Sciences
POST CODE	1703
TERM EFFECTIVE DATE	Spring 2023

PROGRAM DESCRIPTION

A brief description of the graduate program.

The M.S. in Integrative Anatomical Sciences provides training in the core anatomical sciences and prepares graduate students as future teachers and/or researchers. The graduate-level course of study includes in-depth training in core anatomical disciplines: gross anatomy, histology, and neuroanatomy, including cadaveric dissection and microscopic study of tissues. In addition, students receive an intensive introduction to fundamentals of bone and dental biology, human anatomical variation, pedagogical methods, and clinical anatomical correlations.

COMMON BACHELOR DEGREE PROGRAM PATHWAYS

A list of common bachelor's degrees that undergraduate students pursue in advance of pursuing a progressive degree option with this graduate program. Some programs are restricted to certain majors while others are open to all students.

Human Biology	Biological Sciences
Neuroscience	All majors considered

PREPARATORY UNDERGRADUATE COURSES

A list of courses at the undergraduate level that prepare students for the graduate program. Required coursework is listed first, followed by recommended courses. If there are none, that is specified instead.

Dept. Prefix - Course #	Course Title	Required or Recommended	Units
MEDS 320	Human Cadaveric Anatomy	Recommended	4
HBIO 301	Human Anatomy	Recommended	4
BISC 307	General Physiology	Recommended	4
BISC 220	General Biology: Cell Biology and Physiology	Recommended	4
BISC 221	Advanced General Biology: Cell Biology and Physiology	Recommended	4
BISC 421	Neurobiology	Recommended	4

UNDERGRADUATE COURSES USED TO REDUCE GRADUATE LEVEL UNITS

A list of undergraduate level courses that may be used to reduce the number of graduate level units required for the graduate program. If there are none, that is specified instead.

Dept. Prefix - Course #	Course Title	Units
	NONE	

CORE GRADUATE PROGRAM REQUIREMENTS (# units required)

A list of all required graduate courses for the graduate program. None of these courses may be used toward satisfying undergraduate degree requirements.

If special exceptions for any of these courses are made by the academic department, the course # is marked with an asterisk () and the exception is explained in the "Department Notes" section at the end of this course plan template.*

Dept. Prefix - Course #	Course Title	Units
IAS 501a	Human Gross Anatomy	3
IAS 501b	Human Gross Anatomy	4
IAS 504	Human Skeletal Anatomy	3
IAS 511a	Microscopic Anatomy	3
IAS 511b	Microscopic Anatomy	3
IAS 521	Neuroanatomy	3
IAS 550	Cell and Neurobiology Seminar	1
IAS 580	Teaching in the Anatomical Sciences	1
IAS 581	Teaching in the Anatomical Sciences: Practicum	3

PRE-APPROVED ELECTIVE COURSEWORK

Elective coursework is approved at the discretion of the academic department. Note the following details about the total number and units required of elective coursework.

2-3	TOTAL ELECTIVE COURSES REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE
8	TOTAL ELECTIVE UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

TOTAL UNIT COUNTS AND REQUIRED GRADUATE UNITS

32	TOTAL UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE
8	TOTAL GRADUATE UNITS THAT MAY BE WAIVED (IF ANY)
24	MINIMUM NUMBER OF GRADUATE UNITS THAT MUST BE AT THE 500 LEVEL OR ABOVE

NOTES FROM THE DEPARTMENT

This section highlights any unique considerations, exceptions, or requirements for the graduate program. If a program has specific restrictions (courses, majors, etc.), they are detailed below.

Up to 8 graduate units (electives) may be waived with approval of the program director.

Axel H. Schönthal

Name of Authorizing Master's Program Dean

November 30, 2022

Date Approved

Associate Dean for Biomedical Master's Programs

Authorizing Dean's Title