

# ANATOMY – PH.D.

For the Ph.D. degree, students must complete a minimum of 70 units, as detailed in the table below; and must maintain a G.P.A. of at least 3.0. In addition, doctoral students are required to pass both written and oral comprehensive examinations in order to advance to candidacy. They must successfully defend their dissertations before their guidance committee prior to being awarded the Ph.D. degree. Students must adhere to all University and program policies as published in the *Student Handbook*, University CATALOG, or *Student Guide*. Policies and requirements are subject to change.

## Basic science core

IBGS 501	Biomedical Communication and Integrity	2
IBGS 502	Biomedical Information and Statistics	2
IBGS 503	Biomedical Grant Writing	2
IBGS 511	Cellular Mechanisms and Integrated Systems I	6
IBGS 512	Cellular Mechanisms and Integrated Systems II	6
IBGS 522	Cellular Mechanisms and Integrated Systems II Journal Club	2
IBGS 523	Cellular Mechanisms and Integrated Systems III Journal Club	2

## Major

ANAT 516	Neuroscience GS	6
ANAT 541	Gross Anatomy GS	7
ANAT 542	Cell Structure and Function GS	7
ANAT 544	Human Embryology Lecture	2

## Seminars

IBGS 604	Introduction to Integrative Biology Presentation Seminar	1
IBGS 605	Integrative Biology Presentation Seminar (1.0) <sup>2</sup>	2
IBGS 607	Integrated Biomedical Graduate Studies Seminar <sup>1</sup>	1

## Religion

RELE 525	Ethics for Scientists <sup>2</sup>	3
RELR 588	Personal and Family Wholeness <sup>2</sup>	3
RELT 617	Seminar in Religion and the Sciences <sup>2</sup>	3

## Research/Dissertation or Thesis

ANAT 697	Research (1-8)	12
IBGS 696	Research Rotations (1)	2

**Total Units** **70**

<sup>1</sup> Registration and attendance required every quarter in residence, but units do not count toward total required for graduation.

<sup>2</sup> May substitute with another graduate religion course with the same prefix and numbered 500 or above.

## Normal time to complete the program

Four (4) years – based on full-time enrollment; part-time permitted