

DOCTOR OF PHILOSOPHY WITH SPECIALTY IN ANATOMY (PH.D.)**TOTAL REQUIRED CREDITS: 64** [52 in required courses + minimum of 12 credits in electives]**FIRST YEAR: 21 REQUIRED CREDITS****Fall Semester:**

ANAT 8411	Human Gross Anatomy I	4	(A,B,C,F)
ANAT 8513	Human Embryology I	1	(A,B,C,F)
ANAT 8613	Human Cell Biology and Histology I	2	(A,B,C,F)
ANAT 8611	Human Neuroanatomy and Neuroscience I	2	(A,B,C,F)
ANAT 8532	Seminar and Journal Club (I)	1	(A,B,C,F)

Spring Semester:

ANAT 8412	Human Gross Anatomy II	4	(A,B,C,F)
ANAT 8514	Human Embryology II	1	(A,B,C,F)
ANAT 8614	Human Cell Biology and Histology II	2	(A,B,C,F)
ANAT 8612	Human Neuroanatomy and Neuroscience II	3	(A,B,C,F)
ANAT 8532	Seminar and Journal Club (II)	1	(A,B,C,F)

Summer:

ANAT 8996	Research Lab Rotations (recommended elective)	2	(P, NP)
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SECOND YEAR: 16 REQUIRED CREDITS**Fall Semester:**

CBIO 8500	Statistics for the Biomedical Sciences	3	(A,B,C,F)
ANAT 8526	Practice in Teaching	3	(A,B,C,F)
ANAT 8532	Seminar and Journal Club (III)	1	(A,B,C,F)
BCHM 85__*	Biochemistry	3	(A,B,C,F)
FISA 8105*	Basic Concepts on Human Physiology	3	(A,B,C,F)

*(or equivalent course recommended by the Department)

Spring Semester:

ANAT 852 ^{5/6}	Practice in Teaching	2/3	
ANAT 8532	Seminar and Journal Club (IV)	1	
ANAT 8996	Research Lab Rotations (recommended elective)	2	(P, NP)

Summer:

ANAT 8996	Research Lab Rotations (recommended elective)	3	(P, NP)
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Select Advisor, appoint Dissertation Committee and have first meeting

THIRD YEAR: COMPLETE 12 CREDITS IN ELECTIVES BEFORE GRADUATING**Fall Semester:**

CBIO 8991	Bioethics in Research: Fundamentals (recommended elective)	1	(A,B,C,F)
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Spring Semester:

CBIO 8992	Bioethics in Research: Applied Topics (recommended elective)	2	(A,B,C,F)
ANAT 8596	Proposal Preparation (recommended elective)	3	(P, NP)

Proposal Presentation and approval by Committee

Summer:

Take and Pass Qualifying Exam

FOURTH YEAR: 15 REQUIRED CREDITS**Fall Semester:**

ANAT 8599	Doctoral Dissertation Research	15	(EP)
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Spring Semester:

ANAT 8599-05#	Doctoral Dissertation Research (continuation)	0	(EP)
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Summer:

ANAT 8599-05#	Doctoral Dissertation Research (continuation)	0	(EP)
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Committee meeting

FIFTH YEAR: 0 REQUIRED CREDITS**Fall Semester:**

ANAT 8599-05#	Doctoral Dissertation Research (continuation)	0	(EP)
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Spring Semester:

ANAT 8599-05#	Doctoral Dissertation Research (continuation)	0	(P, NP)
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Committee meeting

Dissertation Defense

Other Departmental Electives:

ANAT 8525	Practice in Teaching	2 credits	(A,B,C,F)
ANAT 8528	Topics in Anatomy	1, 2, or 3 credits	(A,B,C,F)
ANAT 8591	Special Problems in Anatomy	1 credit	(P, NP)
ANAT 8593	Special Problems in Anatomy	3 credits	(P, NP)
ANAT 8995	Practice in Dissection	1, 2, or 3 credits	(A,B,C,F)
ANAT 8996	Research Lab Rotations	1, 2, or 3 credits	(P, NP)

18 contact hours per credit for lecture courses

36 contact hours per credit for lab courses (e.g. Practice in Teaching, Research Lab Rotations, Special Problems)

P=Passed; NP=Not Passed; EP=In Progress ("En Progreso"); 05#=continuation section

EP can only be given once, except in the case of the Doctoral Dissertation Research course. If a course remains unfinished even after giving EP once, an Incomplete must be given. Incompletes need to be removed before the end of the next semester or it becomes an automatic F.

Written approval of the Proposal, with the signatures of the Committee members and passing the Qualifying Exam are required before registering in ANAT 8599 (Doctoral Dissertation Research).