

CORE COURSES (46 hours)

	<u>Hrs</u>	<u>Sem</u>	<u>Grade</u>
BCHM 551 Biochemistry	4	_____	_____
BIOM 503 Human Genetics	3	_____	_____
BIOM 513 Human Gross Anatomy ¹	5	_____	_____
BIOM 515 Human Physiology ¹	5	_____	_____
BIOM 600 Biomedical Ethics	3	_____	_____
BIOM 610 Human Neurology & Neuroanatomy	3	_____	_____
BIOM 613 Human Gross Anatomy II ¹	3	_____	_____
BIOM 615 Advanced Cell Biology	4	_____	_____
BIOM 620 Advanced Immunology	3	_____	_____
BIOM 623 Human Developmental Biology			
<u>or</u> BIOM 625 Microbial Pathogenesis & Virology	3	_____	_____
BIOM 630 Principles of Pathology	3	_____	_____
BIOM 633 Advanced Histology ¹	4	_____	_____
HLTH 501 Biostatistics	3	_____	_____

DISSERTATION AND PRACTICUM COURSES (50-51 hours)

BIOM 700 Anatomy & Cell Biology Seminar ^{1,2}	8	_____	_____
BIOM 710 Anatomy & Cell Biology Teaching Practicum ^{1,3}	6	_____	_____
BIOM 750 Research Rotation ^{1,4}	2-3	_____	_____
BIOM 889 Dissertation Research ^{1,5}	33	_____	_____
BIOM 890 Dissertation Defense ^{1,5}	1	_____	_____

TOTAL HOURS 96-97

Graduation Requirements

Complete 96 hours

A minimum of 57 hours must be completed through Liberty University, not to include credits from a prior degree earned through Liberty

A maximum of 39 hours of transfer credit, including credit from a degree on the same academic level previously earned through Liberty, may be applied to the degree 3.0 GPA

No grades lower than B- may be applied to the degree

Degree must be completed within 5 years

Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

Offered in Resident Format

Revised: 06.09.2022

Notes

All applicable prerequisites must be met

¹This course must be taken in residence.

²This course is a 1 credit hour course that will be required to successfully complete 8 times with different faculty and different topics.

³This course is a 1 credit hour course that will be required to successfully complete 6 times but only twice for the same practicum.

⁴This course is a 1 credit hour course that is required to take a minimum of 2-3 times with 2-3 different faculty members.

⁵Any student who is not ready for enrollment in BIOM 990 after completing BIOM 989 may be required, as determined by the student's dissertation chair, to repeat BIOM 989 until deemed ready for enrollment in BIOM 990.

Suggested Course Sequence on second page

Effective: Catalog Term 2022-40

SUGGESTED COURSE SEQUENCE

<u>First Semester</u>		<u>Second Semester</u>		<u>Third Semester</u>	
BIOM 513 ¹	5	BIOM 503	3	BIOM 620	<u>3</u>
BIOM 515 ¹	5	BCHM 551	4	Total	3
BIOM 700 ^{1,2}	1	HLTH 501	3		
BIOM 750 ^{1,3}	<u>1</u>	BIOM 700 ^{1,2}	1		
Total	12	BIOM 750 ^{1,3}	<u>1</u>		
		Total	12		
<u>Fourth Semester</u>		<u>Fifth Semester</u>		<u>Sixth Semester</u>	
BIOM 610	3	BIOM 630	3	BIOM 600	3
BIOM 615	4	BIOM 633 ¹	4	BIOM 889 ¹ (3 credit hours)	<u>3</u>
BIOM 623 or 625 ¹	3	BIOM 613 ¹	3	Total	6
BIOM 700 ^{1,2}	1	BIOM 700 ^{1,2}	1		
BIOM 710 ^{1,4}	<u>1</u>	BIOM 710 ^{1,4}	<u>1</u>		
Total	12	Total	12		
<u>Seventh Semester</u>		<u>Eighth Semester</u>		<u>Ninth Semester</u>	
BIOM 700 ^{1,2}	1	BIOM 700 ^{1,2}	1	BIOM 889 ¹ (3 credit hours)	<u>3</u>
BIOM 710 ^{1,4}	1	BIOM 710 ^{1,4}	1	Total	3
BIOM 889 ¹ (7 credit hours)	<u>7</u>	BIOM 889 ¹ (7 credit hours)	<u>7</u>		
Total	9	Total	9		
<u>Tenth Semester</u>		<u>Eleventh Semester</u>			
BIOM 700 ^{1,2}	1	BIOM 700 ^{1,2}	1		
BIOM 710 ^{1,4}	1	BIOM 710 ^{1,4}	1		
BIOM 889 ¹ (7 credit hours)	<u>7</u>	BIOM 889 ¹ (6 credit hours)	6		
Total	9	BIOM 890 ¹	<u>1</u>		
		Total	9		

Notes

¹The following courses must be taken in residence: BIOM 513, 515, 613, 633, 700, 710, 750, 889 and 890

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⁴This course is a 1 credit hour course that will be required to successfully complete 6 times but only twice for the same practicum.