

<u>CORE COURSES (46 hours)</u>		<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			
or 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	33	_____	_____
BIOM 890	Dissertation Defense ¹	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 Graduation Application must be completed within the last semester of a student's anticipated graduation date

Program Offered in Residential Format

Revised: 03.16.2018

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.

Suggested Course Sequence on second page

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	1	HLTH 501	3		
BIOM 750 ¹	<u>1</u>	BIOM 700 ¹	1		
Total	12	BIOM 750 ¹	<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
BIOL 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	1	BIOM 700 ¹	1		
BIOM 710 ¹	<u>1</u>	BIOM 710 ¹	<u>1</u>		
Total	12	Total	12		
<u>Seventh Semester</u>		<u>Eighth Semester</u>		<u>Ninth Semester</u>	
BIOM 700 ¹	1	BIOM 700 ¹	1	BIOM 889 ¹ (3 credit hours)	<u>3</u>
BIOM 710 ¹	1	BIOM 710 ¹	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	1	BIOM 700 ¹	1		
BIOM 710 ¹	1	BIOM 710 ¹	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

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.