

# ANATOMY & CELL BIOLOGY (PH.D.)

**Important:** This degree plan is effective for those starting this degree program in fall 2021 through summer 2022. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

Code	Title	Hours
<b>Core Courses</b>		
BCHM 551	Biochemistry	4
BIOM 503	Human Genetics	3
BIOM 513	Human Gross Anatomy <sup>1</sup>	5
BIOM 515	Human Physiology <sup>1</sup>	5
BIOM 600	Biomedical Ethics	3
BIOM 610	Human Neurology and Neuroanatomy	3
BIOM 613	Human Gross Anatomy II <sup>1</sup>	3
BIOM 615	Advanced Cell Biology	4
BIOM 620	Advanced Immunology	3
BIOM 623	Human Developmental Biology	3
or BIOM 625	Microbial Pathogenesis and Virology	
BIOM 630	Principles of Pathology	3
BIOM 633	Advanced Histology <sup>1</sup>	4
HLTH 501	Biostatistics	3
<b>Total Hours</b>		<b>46</b>

<sup>1</sup> This course should be taken in residence

Code	Title	Hours
<b>Dissertation and Practicum Courses</b>		
BIOM 700	Anatomy & Cell Biology Seminar <sup>1,2</sup>	8
BIOM 710	Anatomy & Cell Biology Teaching Practicum <sup>1,3</sup>	6
BIOM 750	Research Rotation <sup>1,4</sup>	2-3
BIOM 889	Dissertation Research <sup>1</sup>	33
BIOM 890	Dissertation Defense <sup>1</sup>	1
<b>Total Hours</b>		<b>50-51</b>

<sup>1</sup> This course must be taken in residence.

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

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

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

*All applicable prerequisites must be met*

## 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

## Program Offered in Residential Format