

# BIOMEDICAL SCIENCES (M.S.)

**Important:** This degree plan is effective for those starting this degree program in fall 2020 through summer 2021. 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 600	Biomedical Ethics	3
BIOM 610	Human Neurology and Neuroanatomy	3
BIOM 615	Advanced Cell Biology	4
BIOM 620	Advanced Immunology	3
BIOM 625	Microbial Pathogenesis and Virology	3
BIOM 630	Principles of Pathology	3
HLTH 501	Biostatistics	3
Choose five credit hours of Biomedical Sciences Elective <sup>1</sup>		5
Choose five credit hours of Biomedical Sciences Elective <sup>2</sup>		5
Total Hours		39

<sup>1</sup> Choose between BIOM 513 Human Gross Anatomy (5 c.h.)<sup>3</sup> or MSCI 510 Foundations of Medical Anatomy I (4 c.h.)<sup>4,6</sup> and MSCI 512 Foundations of Medical Anatomy II (1-2 c.h.)<sup>5,6</sup>

<sup>2</sup> Choose between BIOM 515 Human Physiology (5 c.h.)<sup>3</sup> or MSCI 520 Principles of Physiology I (4 c.h.)<sup>4,6</sup> and MSCI 522 Principles of Physiology II (1 c.h.)<sup>5,6</sup>

<sup>3</sup> Offered in Resident format only

<sup>4</sup> Offered in Online format only

<sup>5</sup> Course offered as intensive

<sup>6</sup> On a case-by-case basis approved by program director

*All applicable prerequisites must be met*

## Graduation Requirements

- Complete 39 hours
- A maximum of 50% of the program hours may be transferred if approved and allowable, including credit from an earned degree from Liberty University on the same academic level
- 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 Resident Format