MASTER OF SCIENCE IN BIOMEDICAL SCIENCES, PLAN B, ANATOMICAL AND PHYSIOLOGICAL SCIENCES SPECIALIZATION

Requirements
Effective Fall 2018

Human Anatomy Option [1]

Code	Title	Credits
BMS 500	Mammalian Physiology I	4
BMS 501	Mammalian Physiology II	4
BMS 545	Neuroanatomy	5
BMS 575	Human Anatomy Dissection	4
BMS 610A	Managing a Career in Science: Survival Skills for Coursework (M.S.)	1
BMS 619	Advanced Human Gross Anatomy	2
Electives [2]		12
Program Total Credits:		**32**

Neurobiology Option [1]

Code	Title	Credits
BMS 500	Mammalian Physiology I	4
BMS 503/NB 503	Developmental Neurobiology	3
BMS 505/NB 505	Neuronal Circuits, Systems and Behavior	3
BMS 545	Neuroanatomy	5
BMS 610A	Managing a Career in Science: Survival Skills for Coursework (M.S.)	1
Electives [2]		16
Program Total Credits:		**32**

Animal Anatomy Option [1]

Code	Title	Credits
BMS 500	Mammalian Physiology I	4
BMS 501	Mammalian Physiology II	4
BMS 531	Domestic Animal Dissection	3
BMS 545	Neuroanatomy	5
BMS 610A	Managing a Career in Science: Survival Skills for Coursework (M.S.)	1
BMS 633	Domestic Animal Anatomy-Case Discussions	2
Electives [2]		13
Program Total Credits:		**32**

Elective Courses [2]

Code	Title	Credits
BC 351	Principles of Biochemistry	4
BC 563	Molecular Genetics	4
BC 565	Molecular Regulation of Cell Function	4
BMS 420	Cardiopulmonary Physiology	3
BMS 430	Endocrinology	3
BMS 631	Mechanisms of Hormone Action	2
BMS 632	Metabolic Endocrinology	2
BMS 640	Reproductive Physiology and Endocrinology	4
BMS 684	Supervised College Teaching	1-18

A minimum of 32 credits are required to complete this program.

[1] Comprehensive exam required
[2] Select courses with approval of advisor and graduate committee.