

# Biomedical Sciences Minor Course Requirements

More information about BMS courses is available at [www.cvmb.colostate.edu/bms/courses.htm](http://www.cvmb.colostate.edu/bms/courses.htm)  
or contact Dr. Deborah Roess ([deborah.roess@colostate.edu](mailto:deborah.roess@colostate.edu)).

Name: \_\_\_\_\_

Semester Minor Declared: \_\_\_\_\_

### Credit Hour Requirements

- A total of at least 21 credits must be taken to complete the minor.
- Additional coursework may be required because of prerequisites.
- No more than 4 credits of BMS 384 or BMS 495 can be taken. The combination of BMS 384 and BMS 495 cannot exceed 6 credits.

### Required Courses

BMS 300\* – Principles of Human Physiology (4 cr.) F, S, SS

### Prerequisite(s)

*BZ 101 or BZ 110 or LIFE 102; CHEM 103 or CHEM 107 or CHEM 111*

Or

BMS 360\* – Fundamentals of Physiology (4 cr.) S

*BZ 110 or LIFE 102; CHEM 245 (or concurrent registration) or CHEM 341 (or concurrent registration)*

**\* A minimum grade of C (2.000) in either BMS 300 or BMS 360 is required.**

### AND

BMS 301 – Human Gross Anatomy (5 cr.) F, SS

*BZ 110 or LIFE 102*

Or

BMS 305 – Domestic Animal Gross Anatomy (4 cr.) S

*BZ 110 or LIFE 102*

Or

BMS 330 – Microscopic Anatomy (4 cr.) S

*BMS 300 or BMS 360*

### AND

BMS 325 – Cellular Neurobiology (3 cr.) F

*BMS 300 or BMS 360*

Or

BMS 345 – Functional Neuroanatomy (4 cr.) S

*BMS 300 or BMS 360*

### Elective Courses:

BMS 200 Concepts in Human Anatomy & Physiology (1 cr.)

*Concurrent registration in BMS 300*

BMS 301 Human Gross Anatomy (5 cr.) F, SS

*BZ 110 or LIFE 102*

BMS 302 Laboratory in Principles of Physiology (2 cr.) F, S

*BMS 300 (or concurrent registration) or BMS 360 (or concurrent registration)*

BMS 305 Domestic Animal Gross Anatomy (4 cr.) S

*BZ 110 or LIFE 102*

BMS 325 Cellular Neurobiology (3 cr.) F

*BMS 300 or BMS 360*

BMS 330 Microscopic Anatomy (4 cr.) S

*BMS 300 or BMS 360*

BMS 345 Functional Neuroanatomy (4 cr.) S

*BMS 300 or BMS 360*

BMS 384 Supervised College Teaching (Various cr.) F, S, SS

*\*Requires Instructor Approval*

BMS 405 Nerve & Muscle - Toxins, Trauma & Disease (3 cr.) S

*BMS 325 or 345*

BMS 420 Cardiopulmonary Physiology (3 cr.) F

*BMS 300 or BMS 360*

BMS 430 Endocrinology (3 cr.) F

*BMS 300 or BMS 360*

BMS 450 Pharmacology (3 cr.) S

*BMS 300 or BMS 360*

BMS 495 Independent Study (Various cr.) F, S, SS

*\*Requires Department Approval*

BMS 531 Domestic Animal Dissection (3 cr.) S

*\*Requires Instructor Approval*

BMS 575 Human Anatomy Dissection (4 cr.) F

*\*Requires Instructor Approval*

BZ 310 Cell Biology (4 cr.) F, S, SS

*CHEM 245 with a C or better or CHEM 341 with a C or better; BZ 110 or BZ 120 or LIFE 103*

BZ 311 Developmental Biology (4 cr.) S, SS

*BZ 310*