

# BIOMEDICAL SCIENCE MINOR

<https://colsa.unh.edu/molecular-cellular-biomedical-sciences/program/minor/biomedical-science>

## Description

Students who wish to develop focused competencies in the broad area of the biomedical sciences can complement their major academic program with a minor in biomedical science (BMS).

## Requirements

- Academic policies related to Minors.
- The minor consists of a minimum of 20 credits.
- no more than 8 of which can also be used to fulfill major requirements.
- A grade of C-minus or better is required for all courses counted towards the minor. A "C average" (2.00) is required in courses that the minor department approves.
- Pass/fail courses can not be used for the minor.

| Code   | Title  | Credits |
|--|--|---------|
| <b>Required Courses</b>  |  |         |
| BIOL 411   | Introductory Biology: Molecular and Cellular                   | 4       |
| BMS 508  | Human Anatomy and Physiology II                                | 4       |
| or ANSC 512  | Animal Anatomy and Physiology II                               |         |
| Select additional courses from the list below to complete 20 total credits for the minor. Note: some courses may have prerequisites. |  |         |
| BMS 501  | Microbes in Human Disease                                      | 4       |
| BMS 503 & BMS 504  | General Microbiology and General Microbiology Laboratory       | 5       |
| BMS 560 & BMS 561  | Body Fluids and Body Fluids Laboratory                         | 4       |
| BMS 602 & BMS 603  | Pathogenic Microbiology and Pathogenic Microbiology Laboratory | 5       |
| BMS 610  | Biomedical Lab Management                                      | 4       |
| BMS 623  | Histology: Microscopic Cellular Structure and Function         | 4       |
| BMS 635  | Preceptorial in Prehospital Care                               | 2       |
| BMS 640  | Phlebotomy Theory  | 2       |
| BMS 644  | Clinical Hematology  | 3       |
| BMS 650  | Molecular Diagnostics  | 4       |
| BMS 655  | Human and Animal Parasites                                     | 3       |
| BMS 656  | Immunohematology   | 3       |
| BMS 658  | Medical Biochemistry   | 3       |
| BMS 702  | Endocrinology  | 4       |
| BMS 703  | Infectious Disease and Health                                  | 4       |
| BMS 704  | Pathologic Basis of Disease                                    | 4       |
| BMS 705  | Immunology   | 3       |
| BMS 706  | Virology   | 3       |
| BMS 711  | Toxicology   | 4       |
| BMS 712  | Experiences in Applied Veterinary Diagnostics                  | 2       |
| BMS 718  | Mammalian Physiology   | 4       |
| BMS 719  | Host-Microbe Interactions                                      | 4       |
| BMS 720  | Mycology, Parasitology, and Virology                           | 3       |
| BMS 730  | Ethical Issues in Biomedical Science                           | 4       |
| BMS 740  | Human Microbiome   | 4       |
| BMCB 605   | Principles of Cell Biology                                     | 4       |
| BMCB 753   | Cell Culture   | 5       |
| GEN 704  | Microbial Genetics and Genomics                                | 5       |
| GEN 717  | Molecular Microbiology   | 5       |
| HMP 501  | Epidemiology and Community Medicine                            | 4       |
| NUTR 750   | Nutritional Biochemistry                                       | 4       |