

**NEW MEXICO MILITARY ACADEMY (2022-2023)**  
**AS IN BIOLOGICAL SCIENCES**  
**ENMU-PORTALES (2023-2025)**  
**BA / BS IN BIOLOGY, Emphasis in EEOB**

| Associate of Science in Biological Sciences at NMMI (63 - 75 Minimum Credit Hours) |        |                          |              |             |        |  |              |
|--|--------|--------------------------|--------------|-------------|--------|--|--------------|
| Subject  | Number | Title                    | Credit Hours | Subject     | Number | Title  | Credit Hours |
| BIOL   | 1214   | Principles of Biology I  | 4            | BIOL/CHEM * |        | Three of the following: BIOL 2224, 2254, 2210, | 9            |
| BIOL   | 1224   | Principles of Biology II | 4            |             |        | 2225, CHEM 1215 -OR- CHEM 1225                 |              |
| New Mexico General Education Requirement   |        |                          |              |             |        |  | 31 to 33     |

| Courses That Can Be Completed at Either Institution  |  |  |  |         |             |   |              |
|--|--|--|--|---------|-------------|---|--------------|
|  |  |  |  | Subject | Number      | Title   | Credit Hours |
| These required courses may be completed at either NMMI (recommended) or at ENMU-Portales. A grade of C or better is necessary for these courses. |  |  |  | CHEM    | 1215/1225/L | Gen'l Chemistry I & II for STEM Majors          | 8            |
|  |  |  |  | MATH    | 1220        | College Algebra (Req'd for BS)                  | 4            |
|  |  |  |  | MATH    | 1350        | Intro to Statistics (Req'd for BS)              | 4            |
|  |  |  |  | MATH    | 1430/1510   | App. of Calculus -OR- Calculus I (Req'd for BS) | 3 or 4       |
|  |  |  |  | PHYS    | 1230/L      | Algebra-Based Physics I (Req'd for BS)          | 4            |
|  |  |  |  | PHYS    | 1240/L      | Algebra-Based Physics II (Req'd for BS)         | 4            |

| Bachelor of Arts / Bachelor of Science in Biology, Emphasis in EEOB, at ENMU-Portales |        |  |              |  |        |   |              |
|---|--------|--|--------------|--|--------|---|--------------|
| Subject   | Number | Title  | Credit Hours | Subject  | Number | Title   | Credit Hours |
| *   | *      | Diversity/Global Upper-Division                  | 3            | BIOL   | 306/L  | Microbiology                                  | 4            |
| BIOL  | 2110/L | Prin. of Biology: Cellular & Molecular Biology   | 4            | BIOL   | 460    | Landscape Ecology & GIS                       | 3            |
| BIOL  | 2120   | Cellular & Molecular Biology                     | 3            | BIOL   | 492    | Undergraduate Seminar & Assessment            | 3            |
| BIOL  | 2610/L | Prin. Of Biology: Biodiversity, Ecology, Evolutn | 4            | BIOL   |        | One of the following Vertebrate Courses: BIOL | 4            |
| BIOL  | 2630/L | General Botany                                   | 4            |  |        | 307/L, 411/L, 431/L, 436/L -OR- 442/L         |              |
| BIOL  | 300/L  | Invertebrate Zoology                             | 4            | BIOL   |        | One of the following Specialty Courses: BIOL  | 4            |
| BIOL  | 303/L  | General Ecology                                  | 4            |  |        | 301/L, 410/L, 420/L -OR- 430                  |              |
| BIOL  | 304/L  | Genetics   | 4            | CHEM   | 341/L  | Organic Chemistry I                           | 4            |
| BIOL  | 305    |  | 3            | Elective Courses to reach minimum of 120 hours if required |        |   |              |

|   |            |   |                |
|---|------------|---|----------------|
| <b>Minimum GPA Requirement</b>                                  | <b>2.0</b> | <b>NMMI AS in Biological Sciences</b>                       | <b>63 - 75</b> |
| <b>Minimum hours of Upper-Division Courses for BA/BS Degree</b> | <b>40</b>  | <b>ENMU-Portales Upper-Div Diversity/Global requirement</b> | <b>3</b>       |
| <b>Minimum hours taken from ENMU-Portales (final 30 of 60)</b>  | <b>30</b>  | <b>ENMU-Portales BS in Biology, Emphasis in EEOB</b>        | <b>Var.</b>    |
| <b>Minimum hours for BS (Transferred + ENMU-Portales)</b>       | <b>120</b> | <b>Electives if needed to meet Degree requirements</b>      | <b>Var.</b>    |

**Total: Minimum 120 Credit Hours**