Master in Biology Education (M. BiEd)

**Required Subjects:** 9 units

- BiEd 210 Biology Investigation and Instrumentation 3 units
- BiEd 210 Fundamentals of Research 3 units
- Ed 210 Modern Trends and Directions in Curriculum and Teaching 3 units

**Field of Concentration Subjects:** 15 units

- BiEd 220 Cell and Molecular Biology for Teachers 3 units
- BiEd 230 Biodiversity and Taxonomy for Teachers (Lecture) 2 units
- BiEd 230.1 Biodiversity and Taxonomy for Teachers (Laboratory) 1 unit
- BiEd 240 Genetics and Evolution for Teachers 3 units
- BiEd 250 Morphology and Physiology for Teachers (Lecture) 2 units
- BiEd 250.1 Morphology and Physiology for Teachers (Laboratory) 1 unit
- BiEd 250 Ecology and Environmental Issues for Teachers (Lecture) 2 units
- BiEd 250.1 Ecology and Environmental Issues for Teachers (Laboratory) 1 unit

**Electives:** 6 units*

*Any two (2) subjects from the list of specialty electives below with the approval of the Academic Adviser.

- BiEd 270 Developmental Biology for Teachers (Lecture) 2 units
- BiEd 270.1 Developmental Biology for Teachers (Laboratory) 1 unit
- BiEd 280 Physiological Chemistry for Teachers 3 units
- Ed 234 Educational Materials and Media 3 units
- Ed 254 Psychology of Learning and Teaching 3 units

or any graduate subjects in Biology or other disciplines with the approval of the Academic Adviser.

**Comprehensive Examinations:**

- Bi Compre 200 Comprehensive Examinations

The comprehensive written examination will be on any three (3) of the required subjects and any three (3) of the field of concentration subjects.

**Practicum:** 6 units

- BiEd 290 I Practicum 3 units
- BiEd 290 II Practicum 3 units

**Total Number of Units:** 36 units