Master of Science in Biology (M.Sc. Bio)

The Department offers two tracks that lead to the students’ chosen areas of specialization. These are characterized by electives concentrating on the:

A. Morphology/ Developmental Track
B. Environmental/ Physiology Track

**Required Subjects: 9 units**

- Bi 201 Advanced Cell and Molecular Biology (Lecture) 2 units
- Bi 201.1 Advanced Cell and Molecular Biology (Laboratory) 1 unit
- Bi 202 Teaching Biology 3 units
- Bi 203 Fundamentals of Research and Statistical Analysis 3 units

**Field of Concentration Subjects: 17 units**

- Bi 290.1 Graduate Seminar in Morphology and Developmental Biology 2 units
- Bi 290.2 Graduate Seminar in Physiology and Environmental Biology 2 units

Any five (5) subjects from either Track A or Track B with the approval of the Academic Adviser

**Specialty Electives: 6 units**

Any two (2) subjects from either Track A or Track B with the approval of the Academic Adviser

**Comprehensive Examinations:**

- Bi Compre 200 Comprehensive Examinations

*The comprehensive written examination will be on all the three (3) required subjects and any two (2) of the field of concentration subjects.

**Thesis Writing and Oral Defense: 6 units***

At least two (2) semesters of Bi 299 Thesis Direction

* The units for the thesis are credited after the student passes the oral defense and submits the final revised copy of the thesis.

**Total Number of Units: 38 units**