

**Master of Science in Biology**  
**Department of Biology**  
**College of Arts & Sciences**

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<http://www.biology.appstate.edu/>

The Department of Biology offers the Master of Science in Biology (207A/26.0101). The graduate program is designed to prepare men and women for competitive careers in the field of biology, including environmental jobs and teaching and research positions, while also preparing students for further graduate and professional work at doctoral levels. Our program provides students with a comprehensive knowledge of the broad fields in biology while allowing specialization in an area of their choice. In recent years, the Graduate Program in Biology has been twice named the Outstanding Graduate Program at Appalachian State University, and a number of graduate students have been awarded grants or scholarships for their proposed and ongoing research. Several students from Biology have been selected to receive thesis and research awards from the Cratis D. Williams Graduate School.

Courses in the following disciplines are offered through the Department of Biology:

BIO: biology

**PROGRAM OF STUDY FOR THE MASTER OF SCIENCE IN BIOLOGY (Major Code: 207A/26.0101)**

**Admission Requirements:** Baccalaureate degree from an accredited college or university; complete application to the Cratis Williams Graduate School (<http://www.graduate.appstate.edu>), including resume, three letters of recommendation\*, official GRE general exam scores, and official transcripts from all colleges attended; statement of interest and intent; commitment from a Biology faculty member to chair the applicant's thesis committee\*\*.

\*Recommendations should be written by persons familiar with the applicant's academic performance.

\*\*Applicants are encouraged to contact the program director as early as possible regarding thesis research interests.

**Basic Criteria for Consideration:**  $(GRE\ V\ \% \times 4) + (GRE\ Q\ \% \times 4) + (Analytical\ writing \times 50) + (GPA \times 300) = 1300$ , with a minimum GRE analytical writing score of 4.

**Hours:** 30 semester hours

**Location:** On Campus

**Required:**

BIO	5000	Bibliography and Research .....	4
BIO	5777	Biometrics.....	3
BIO	5999	Thesis.....	4

**REQUIRED HOURS** .....11

**Elective Hours** (5000 level or above chosen in consultation with thesis director) .....19

**TOTAL HOURS FOR THE MS DEGREE** .....30

**Thesis:** Required

**Proficiency:** None required

**Comprehensive:** A written comprehensive examination and an oral defense of the thesis.

**Product of Learning:** None required







