

Macalester Biology Major Plan

Note: if you are planning to complete the Biology Major with Emphasis in Biochemistry, please complete the major plan specific for that track.

Student Name (print): _____

ID#: _____

Expected Graduation Date: _____

Dept /Course# Course Title Semester Taken or Planned

Core courses (must be completed before studying abroad & before end of junior year, preferably earlier)

BIOL 170	Ecology & the Environment (w/ Lab)	
BIOL 180	Biodiversity & Evolution (w/ Lab)	
BIOL 190	Genetics (w/ Lab)	
BIOL 200	Cell Biology	

Supporting courses (3 total)

STAT 155	Introduction to Statistical Modeling	
CHEM 112 or 115	General Chemistry II (CHEM 111 prereq) or Accelerated General Chemistry	
Additional Supporting Course		

A list of approved additional supporting courses appears on the next page.

Upper level elective courses (4 total at the 300, 400, and/or 600-level, at least 2 with lab)

Capstone Requirement

The capstone consists of a public presentation of work – either a talk or a poster – delivered during the spring of senior year. Students may present on any major piece of work they have completed in biology during their time at Mac – e.g. a project for an upper-level class, an internship, research conducted during study away or the summer, etc. December graduates should contact the Department Chair in Spring of junior year to discuss the timeline.

I grant the Biology Department permission to include my photo in departmental media.

If you do not yet have a Biology faculty member as your primary advisor, you need to request a change of advisor on 1600grand.

Biology Academic Advisor: _____ *Signature* Date: _____

Signature Department Chair: _____ *Signature* Date: _____

Approved supporting courses:

100-level BIOL course taken during the first year

ANTH 115 – Biological Anthropology
ANTH 239 – Medical Anthropology
CHEM 211 – Organic Chemistry I
COMP 112 – Introduction to Data Science
COMP 123 – Core Concepts in Computer Science
ENVI 240 – The Earth's Climate System
ENVI 275 – Outdoor Environmental Education
GEOG 255 – Introduction to GIS
GEOL 165 – History/Evolution of Earth
MATH 135 – Applied Multivariable Calculus I
MATH 137 – Applied Multivariable Calculus II
MATH 237 – Applied Multivariable Calculus III
PHYS 126 – Introductory Physics I
PHYS 226 – Principles of Physics I
PSYC 100 – Introduction to Psychology
STAT 125 – Epidemiology

Other supporting courses may be proposed and approved by the chair of the Biology Department.