

First and Second Year Advising
 Academic Plan for **Biology BS with Pre-Med Requirements**
 College of Arts & Sciences



Preparing people to lead extraordinary lives

Biology students must complete this list of University Core areas:

- Artistic Knowledge** (1 course/3 credit hours)
- Ethics** (1 course/3 credit hours)
- Historical Knowledge** (2 courses/6 credit hours)
- Literary Knowledge** (2 courses/6 credit hours)
- Philosophical Knowledge** (2 courses/6 credit hours)
- Societal Knowledge** (2 courses/6 credit hours)
- Theological Knowledge** (2 courses/6 credit hours)
- Writing Seminar** (1 course/3 credit hours)

Study Abroad Biology majors will find it easiest to study abroad during the fall of their junior or senior year. Students may expect to take University Core and up to 1-2 Biology courses while abroad with department approval. Summer coursework may be required.

120 Total Credit Hours

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
FALL	BIOL 101/111* General Biology I & Lab (4 credits) CHEM 101/111* General Chemistry A & Lab (4 credits) MATH 118 Pre-Calculus II UCWR 110** Writing Seminar UNIV 101 First-Year Seminar (1 credit)	BIOL 251* Cell Biology CHEM 223/225* Organic Chemistry A & Lab (4 credits) MATH 132 Applied Calculus II Language 101 CORE	BIOL 396 or 398 Research or Internship (2 credits) BIOL 335* Biostatistics BIOL 200-Level Foundational Lab (1 credit) PHYS 111/111L* College Physics I & Lab (4 credits) BIOL 366/CHEM 361* Biochemistry (cross-listed)	BIOL Elective with Lab (4 credits) BIOL Elective CORE CORE CORE
SPRING	BIOL 102/112* General Biology II & Lab (4 credits) CHEM 102/112* General Chemistry B & Lab (4 credits) MATH 131 Applied Calculus I SOCL 101** Society in a Global Age	BIOL 282* Genetics CHEM 224/226* Organic Chemistry B & Lab (4 credits) BIOL 296 Intro to Research (1 credit) PSYC 101** General Psychology Language 102	BIOL 265 Ecology PHYS 112/112L* College Physics II & Lab (4 credits) CORE CORE CORE	BIOL Elective with Lab (4 credits) CORE CORE CORE General Elective

*Course fulfills major and pre-med requirement. **Course fulfills University Core and pre-med requirement.
 Students majoring in the College of Arts & Sciences must also complete two Writing Intensive courses, which may fulfill University Core or major requirements in addition.