



		Biology Courses	Chemistry Courses	Physics Courses	Math/Statistics Courses
1ST YEAR	Fall Semester		Chemistry I (CHEM:1110)		Calculus, or math leading to Calculus (1 course, see options) ^A
	Spring Semester	Foundations of Biology (BIOL:1411)	Chemistry II (CHEM:1120)		
2ND YEAR	Fall Semester	Diversity of Form & Function (BIOL:1412)	Organic Chemistry I (CHEM:2210)		Statistics (1 course, see options) ^B
	Spring Semester	Fundamental Genetics (BIOL: 2512)		College Physics I (PHYS:1511)	
3RD YEAR	Fall Semester	Evolution (BIOL:3172)	Molecular Genetics (BIOL:3713)	Biochemistry (1 or 2 courses, see options) ^C	College Physics II (PHYS:1512)
	Spring Semester	Genomics (BIOL:3314)	Genetics and Biotechnology Lab (BIOL:3716)		
4TH YEAR	Fall Semester	Genetics Electives (2 courses, see options) ^D	Experiential Elective (see options) ^E	For more information, please contact the Biology Academic Advisor: Amy Korthank 144 Biology Building Phone: 319-353-2484 Email: amy-korthank@uiowa.edu To schedule an appointment, please visit tippie.uiowa.edu/clas/professional-advising	
	Spring Semester				

NOTE: The minimum requirement of 6 s.h. of Honors Investigation (BIOL:4999) for an Honors degree must be completed if BIOL:4999 is to substitute for an investigative lab.

^A Choose one of the following options:

- Calculus for the Biological Sciences (MATH:1460, 4 s.h., Fall and Spring semesters)
- Calculus 1 (MATH:1850, 4 s.h., Fall and Spring semesters)

^B Choose one of the following options:

- Statistical Methods and Computing (STAT:2010, 3 s.h., Fall and Spring semesters)
- Biostatistics (STAT:3510, 3 s.h., Fall and Spring semesters)

^C Choose one of the following sequences:

- Biochemistry (BIOC:3110, 3 s.h., Fall and Spring semesters)
- Biochemistry and Molecular Biology I (BIOC:3120, 3 s.h., Fall and Spring semesters) + Biochemistry and Molecular Biology II (BIOC:3130, 3 s.h., Spring semesters)

^D Choose at least two of these:

- Bioinformatics (BIOL:4213, 3 s.h., Fall semesters)
- Cell Biology (BIOL:2723, 3 s.h., Spring semesters)
- Genes and Development (BIOL:4333, 3 s.h., Spring semesters)
- Introduction to Developmental Biology (BIOL:3233, 3 s.h., Fall semesters)
- Molecular Phylogenetics (BIOL:4373, 3 s.h., Fall and Spring semesters)
- Plant Developmental Biology (BIOL:3363, 3 s.h., Spring semesters)
- Population Genetics and Molecular Evolution (BIOL:4273, 3 s.h., Spring semesters)
- Microbial Genetics (MICR:3170, 3 s.h., Fall semesters)

^E Choose one of the following:

- Cell Biology Laboratory (BIOL:3626, 4 s.h., Fall semesters)
- Developmental Biology Lab (BIOL:3736, 4 s.h., Spring semesters)
- Evolution Lab (BIOL:3676, 4 s.h., Fall semesters)
- Honors Investigations (BIOL:4999, 6 s.h., Fall and Spring semesters)
- Entering Research (BIOL:4898, 1 s.h., Fall and Spring semesters) + Introduction to Research (BIOL:4899, 5 s.h., Fall and Spring semesters)
- Advanced Teaching Internship in Biology (BIOL:4897, 4 s.h., Fall and Spring semesters)

For more information,
please contact the
Biology Academic Advisor:
Amy Korthank
144 Biology Building
Phone: 319-353-2484
Email: amy-korthank@uiowa.edu

To schedule an appointment,
please visit
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