

Example: Four-year plan for BS in Cell and Molecular Biology

Freshman Fall		Freshman Spring	
BIOL 1351/1151 CHEM 1341/1141 UNIV 1111 Total credits	Bio I + Lab Chem I + Lab Freshman symposium Core class #1 Core class #2 15	BIOL 1352/1152 CHEM 1342/1142 Total credits	Bio II + Lab Chem II + Lab Core class #3 Core class #4 14
Sophomore Fall		Sophomore Spring	
BIOL 3321/3121 CHEM 2343/2143 BIOL 3194 Total credits	Genetics + Lab Org Chemistry I + Lab Research 1 Core class #5 Core class #6 15	BIO/CHEM 3334 CHEM 3333/3133 MATH 3450 Total credits	Biochemistry + Lab Org Chemistry II + lab Biostatistics Core class #7 15
Junior Fall		Junior Spring	
BIOL 3351/3151 Total credits	Molecular biology + Lab Physics I + Lab Elective #1 Elective #2 Core class #8 17	BIOL 3461/3161 BIOL 4194 Total credits	Cell biology + Lab Research 2 Science elective #1 Science elective #2 Core class #9 14
Senior Fall		Senior Spring	
BIOL 3333/3133 CHEM 4334 Total credits	Microbiology + Lab Advanced Biochemistry Science elective #3 Elective #3 Core class #10 16	BIOL 4332 BIOL 4336 BIOL 4195 Total credits	Evolution Cells, genes and molecules Research 3 Science elective #4 Elective #4 Elective #5 (1 hour only) 14

This schedule includes:

- 30 credit-hours of Foundational Biology
- 3 credit-hours of Research Methods
- 12 credit-hours of Science Electives (4 lectures -or- 3 lectures with lab)
- 23 credit-hours of Chemistry (6 lectures + 5 labs)
- 4 credit-hours of Physics (1 lecture + 1 lab)
- 4 credit-hours of Mathematics (1 lecture + lab)
- 1 credit-hour of Freshman Symposium
- 30 credit-hours or Core Curriculum (BS 66+ hours; watch for social science class)
- 13 credit-hours of Electives (four 3 hour electives + one 1 hour elective)