



Department of Biochemistry
SCHOOL OF MOLECULAR & CELLULAR BIOLOGY

Biochemistry Major Four-Year Schedule

This plan is a guide. Many factors may affect the sequence and timing of courses. Students should check the [Course Explorer](#) for prerequisites. Course selections are best made in consultation with an advisor.

[Schedule an appointment online](#) at go.mcb.illinois.edu/biocadvising or contact advising at 217-244-6601 or biocug@mcb.illinois.edu.

FIRST YEAR

FALL	SPRING
BIOC 190 (1 hr, FA only)	MCB 150 (4 hrs) or MATH 220 (5 hrs)
MCB 150 (4 hrs) or MATH 220 (5 hrs)	CHEM 104 (3 hrs) and CHEM 105 (1 hr) or CHEM 204 (3 hrs, SP only) and CHEM 205 (2 hrs; SP only)
CHEM 102 (3 hrs) and CHEM 103 (1 hr) or CHEM 202 (3 hrs; FA only) and CHEM 203 (2 hrs; FA only)	Language (4 hrs)
RHET 105 (4 hrs)	Gen. Ed. (3 hrs)
LAS 101 (1 hr, FA only)	
Total credit hours: 14-16	Total credit hours: 15-17

SECOND YEAR

FALL	SPRING
MCB 250 (3 hrs) and MCB 251 (2 hrs)	MCB 252 (3 hrs) and MCB 253 (2 hrs)
CHEM 232 (4 hrs) and CHEM 233 (2 hrs) or CHEM 236 (4 hrs, FA & SP only) and CHEM 237 (2 hrs, FA & SPR only)	CHEM 332 (4 hrs) or CHEM 436 (3 hrs; SP only)
MATH 231 (3 hrs)	MATH 241 (4 hrs)
Gen. Ed. (3 hrs)	PHYS 101 (5 hrs) or PHYS 211 (4 hrs)
Total credit hours: 17	Total credit hours: 16-18

THIRD YEAR

FALL	SPRING
MCB 354 (3 hrs; FA & SP only)	BIOC 406 (3 hrs; SP only)
BIOC 290 (1-3 hrs)	BIOC 455 (4 hrs, SP only)
PHYS 102 (5 hrs) or PHYS 212 (4 hrs) & PHYS 213 (2 hrs)	BIOC 290 (1-3 hrs)
STAT 212 (3 hrs; FA & SP only)	Adv. Tech. Electives (3 hrs)
Gen.Ed./Electives (3 hrs)	Gen. Ed./Electives (3 hrs)
	Possible study abroad in Stockholm, Sweden.
Total credit hours: 15-18	Total credit hours: 14-16

FOURTH YEAR

FALL	SPRING
MCB 493-PBC (4 hrs; FA only)	BIOC 446 (3 hrs; SP only)
BIOC 460 (3 hrs; FA only)	Adv. Tech. Electives/BIOC 492*(3-4 hrs)
BIOP 401 (3 hrs, FA only)	Gen. Ed. (3-6 hrs)
Adv. Tech. Electives/BIOC 492* (3-4 hrs)	
Total credit hours: 13-14	Total credit hours: 9-13

Students can use up to 7 hours of senior research (BIOC 492) towards 10 hours of advanced technical electives.