

BACHELOR OF SCIENCE IN GENETICS & GENOMICS

Sample Four Year Plan:

(Based on the 2026-27 Catalog)

For the calculus-ready student preferring to start **with one laboratory science course** the first semester.

FIRST YEAR

Fall

WRIT 101	3
MATH 122A/B or 119A	5
CHEM 151	4
Exp. Perspectives Gen Ed	3
MCB 195B or 295E.....	1
UNIV 101.....	1
Total:	17

Spring

WRIT 102.....	3
MATH 129, 263, BIOS 376.....	3
CHEM 152	4
ECOL 182R.....	3
ECOL 182L	1
Exp. Perspectives Gen Ed.....	3
Total:	17

SECOND YEAR

Fall

CHEM 241A	3
CHEM 243A	1
MCB 181R	3
MCB 181L.....	1
2 nd language.....	4
ECOL 323.....	3
Total:	16

Spring

CHEM 241B	3
CHEM 243B	1
2 nd language.....	4
Building Conn. Gen Ed.	3
MCB 284.....	3
Total:	14

THIRD YEAR

Fall

MCB 304	4
Exp. Perspectives Gen Ed	3
Building Conn. Gen Ed.....	3
ECOL 326.....	3
Total:	13

Spring

MCB 305.....	4
Major Elective	3
Major Elective	3
Civic Institutions Gen Ed	3
UNIV 301.....	1
Total:	14

FOURTH YEAR

Fall

MCB Lab or Honors Thesis I... 3	
Major Elective	3
Upper Div. Free Elective	3
Upper Div. Free Elective.....	3
PHYS 110.....	4
Total:	17

Spring

MCB 404 or Hon. Thesis II.....	3
Major Elective	3
Upper Div. Free Elective	3
Upper Div. Free Elective	3
PHYS 111	4
Total:	16

120 total units required; 42 units must be upper division

Updated on 2/27/2026 by K. Dyson