

Genetics (B.S.) Sample Program of Study (with typical prior college credit)

*Most Genetics majors arrive at UGA with some prior college credit. Typically, our majors receive credit from taking AP classes in Psychology (Core Area V), Political Science (Core Area V), Economics (Core Area V), History (Core Area V), Biology, Precalculus, Statistics and English. This schedule is only one example of a possible program of study, if we assume that you have prior credit in the courses listed above. You need 121 credits to graduate. We strongly recommend taking both GENE 3000 and GENE 3200 as early in your program of study as possible. We also encourage you to spread your CORE classes throughout the 4 years of your program of study.

YEAR ONE

Fall Courses	Hours	Spring Courses	Hours
ENGL 1102 English Composition II (Core Area I)	3	General Elective	3
MATH 2250 Calculus I (Core Area III)	4	Foreign Language 2	4
CHEM 1211/L Freshman Chemistry I	4	CHEM 1212/L Freshman Chemistry II	4
Foreign Language 1	4	BIOL 1108/L Principles of Biology I (Core Area VI)	4
FYOS First Year Odyssey	1		
Total	16	Total	15

YEAR TWO

Fall Courses	Hours	Spring Courses	Hours
GENE 3000 Evolutionary Biology	4	GENE 3200 Genetics	4
CHEM 2211/L Modern Organic Chemistry I (Area VI)	4	BCMB 3100 Introductory Biochemistry	4
STAT 3110: Statistics for Life Sciences	3	STAT 3120: Probability for Life Sciences	3
Foreign Language 3	3	Franklin College FA/PHIL/RELI Req	3
Total	14	Total	14

YEAR THREE

Fall Courses	Hours	Spring Courses	Hours
GENE Major Elective	3	PHYS 1112/L or 1212/L Physics	4
GENE 4200 Advanced Genetics	3	GENE Major Elective	3
CBIO 3400 Cell Biology	4	GENE 4960R Directed Research	4
PHYS 1111/L or 1211/L Physics	4	Cultural Diversity and Franklin Multicultural Requirement	3
PEDB	1	General Elective	3
Total	15	Total	17

YEAR FOUR

Fall Courses	Hours	Spring Courses	Hours
GENE 4970R Directed Research	4	GENE 4990R Thesis	3
GENE Major Elective	3	Franklin College FA/PHIL/RELI Req.	3
GENE 4950 Capstone Seminar I	1	GENE 4950 Capstone Seminar II	1
Franklin Literature Requirement and Core Area IV	3	General Elective	3
General Elective	3	General Elective	3
		General Elective	3
Total	14	Total	16

Major Electives (9-12 hours)

Choose three different courses. At least two courses must be from Group I; 1 additional course may be chosen from Group I or II. The same course cannot be used to satisfy more than one major required course. A maximum of 4 credit hours of research (GENE 4960R) can be used as a major elective, but only if the thesis option is not selected.