

Course Subject and Title Shaded courses are major requirements.	Credit Hours	Completed	Minimum Grade	Additional Degree Requirement Notes
Term 1				Total Credits 15
ENGL 111G - RHETORIC/COMPOSITION	4	<input type="checkbox"/>	C-	Choose MATH appropriate to ACT/SAT/MPE scores. GENE 110 is a Fall-only course. Can be taken in 1st or 3rd semester
MATH 121G - COLLEGE ALGEBRA	3	<input type="checkbox"/>	C-	
Area IV - Social / Behavioral Sciences	3	<input type="checkbox"/>		
BIOL 111G - NAT HISTORY OF LIFE	3	<input type="checkbox"/>	C-	
GENE 110 - EXP SYSTEMS GENETICS	1	<input type="checkbox"/>	C-	
Select -Elective	1	<input type="checkbox"/>		
Term 2				Total Credits 15
Select: COMM 253G, 265G, HON 265G, AXED 201G	3	<input type="checkbox"/>		Math Requirements: (1) If placed into Math 190 or higher, lower Math's listed in this Degree Map will convert into elective credits that still need to be completed. (2) All Math courses with the exception of MATH 191/192 will count as elective credit.
MATH 190G - TRIG AND PRE-CALCULUS	4	<input type="checkbox"/>	C-	
CHEM 111G - GENERAL CHEMISTRY I	4	<input type="checkbox"/>	C-	
BIOL 211G - CELL & ORG BIOL	3	<input type="checkbox"/>	C-	
BIOL 211GL - CELL/ORG BIOL LAB	1	<input type="checkbox"/>	C-	
Term 3				Total Credits 16
MATH 191G - CALCULUS I	4	<input type="checkbox"/>	C-	
CHEM 112G - GENERAL CHEMISTRY II	4	<input type="checkbox"/>	C-	
BIOL 311 - GENERAL MICROBIOLOGY	3	<input type="checkbox"/>	C-	
BIOL 311L - GEN MICROBIOL LAB	2	<input type="checkbox"/>	C-	
GENE 315 - MOLECULAR GENETICS	3	<input type="checkbox"/>	C-	
Term 4				Total Credits 17
Select: ENGL 218G or 318G	3	<input type="checkbox"/>	C-	
Area V - Humanities and Fine Arts	3	<input type="checkbox"/>		
MATH 192G - CALCULUS II	4	<input type="checkbox"/>	C-	
CHEM 313 - ORGANIC CHEMISTRY I	3	<input type="checkbox"/>	C-	
GENE 320 - HEREDITY/POPULATION GENETICS	3	<input type="checkbox"/>	C-	
GENE 305L - GENETICS TECHNIQUES LAB	1	<input type="checkbox"/>	C-	
Term 5				
VWW - Viewing a Wider World	3	<input type="checkbox"/>		MGT 315V - Human Relations in Organizations is suggested for VWW requirement. PHYS 211 may substitute for PHYS 221. 2nd VWW may be satisfied with 9 hour rule. See advisor for more details.
A ST 311 - STATISTICAL APPLCN	3	<input type="checkbox"/>	C-	
CHEM 314 - ORGANIC CHEMISTRY II	3	<input type="checkbox"/>	C-	
CHEM 315 - ORGANIC CHEMISTRY LAB	2	<input type="checkbox"/>	C-	
PHYS 221G - GEN PHYS LIFE SCI I	3	<input type="checkbox"/>	C-	
BIOL 377 - CELL BIOLOGY	3	<input type="checkbox"/>	C-	
Term 6				
Area IV - Social / Behavioral Sciences	3	<input type="checkbox"/>		PHYS 212 may substitute for PHYS 222. Must select one Tier II course from each category: Selection Response Physiology Organism Structure Molecular Genetics *See Advisor and/or Catalog for course options
Area V - Humanities and Fine Arts	3	<input type="checkbox"/>		
BCHE 395 - BIOCHEM I	3	<input type="checkbox"/>	C-	
PHYS 222 - GEN PHYS LIFE SCI II	3	<input type="checkbox"/>	C-	
Tier II course	3	<input type="checkbox"/>	C-	
Select- Elective	1-3	<input type="checkbox"/>		
Term 7				Total Credits 16
Select: Area IV or V	3	<input type="checkbox"/>		
BCHE 396 - BIOCHEM II	3	<input type="checkbox"/>	C-	
Tier II course	3	<input type="checkbox"/>	C-	
Tier II course	3	<input type="checkbox"/>	C-	
GENE 440 - GENETICS SEMINAR	1	<input type="checkbox"/>	C-	
Elective	3	<input type="checkbox"/>		
Term 8				Total Credits 16
BCHE 494 - TECHNQ-GENETIC ENG	4	<input type="checkbox"/>	C-	Tier III courses: ARGO 303V - Genetics and Society HON 306V - Science, Ethics, and Society PHL 321 - Biomedical Ethics MOLB 470 - Bioinformatics & Genome Analysis may substitute for GENE 452.
Tier II course	3	<input type="checkbox"/>	C-	
Tier III course	3	<input type="checkbox"/>	C-	
GENE 452 - APPLIED BIOINFORMATICS	3	<input type="checkbox"/>	C-	
Elective	3	<input type="checkbox"/>		