

Biology - Biochemistry

College Algebra Track

Classes in **bold** should be taken as prescribed to remain on track.

✓	Course	Title	Cr-hr
Fall Semester - Year 1			
✓	CHEM 1211	Principles of Chemistry I	3
✓	CHEM 1211L	Principles of Chemistry lab I	1
✓	MATH 1111	College Algebra	3
✓	ENGL 1101	English Composition I	3
✓	BIOL 1108	Principles of Biology II	3
✓	BIOL 1108L	Principles of Biology lab II	1
✓	GLOB 1001	Global Issues	1
Total			15
Milestones			

✓	Fall Semester - Year 2		
✓	CHEM 2211	Organic Chemistry I	3
✓	CHEM 2211L	Organic Chemistry lab I	1
✓	PHYS 1111/L	Introductory Physics I + Lab	4
✓	MATH 1121	Calculus	4
✓	BIOL 2440	Cell and Molecular Biology	4
Total			16
Milestones			

✓	Fall Semester - Year 3		
✓	Biology Elective	ANY BIOL 3XXX/4XXX (except BIOL 3150)	3
✓	BIOL 3300	Ecology	4
✓	CORE elective	Area B	3
✓	CHEM 3000	Analytical Chemistry	4
Total			14
Milestones			

✓	Fall Semester - Year 4		
✓	ENGL 211X	Literature	3
✓	BIOL/CHEM 3100	Biochemistry	3
✓	CORE elective	Area E	3
✓	Biology elective	ANY BIOL 3XXX/4XXX (except BIOL 3150)	3
✓	CORE elective	Area C	3
Total			15
Milestones			
Apply for graduation			
Apply for graduate programs			

✓	Course	Title	Cr-hr
Spring Semester - Year 1			
✓	CHEM 1212	Principles of Chemistry II	3
✓	CHEM 1212L	Principles of Chemistry lab II	1
✓	MATH 1112	Trigonometry	3
✓	ENGL 1102	English Composition II	3
✓	BIOL 1107	Principles of Biology I	3
✓	BIOL 1107L	Principles of Biology lab I	1
✓	HIST 211X	US History	3
Total			17
Milestones			
Complete Area A			
Achieve sophomore status (30+ credit hours)			

✓	Spring Semester - Year 2		
✓	CHEM 2212	Organic Chemistry II	3
✓	CHEM 2212L	Organic Chemistry lab II	1
✓	PHYS 1112/L	Introductory Physics II + Lab	4
✓	MATH 1401	Elementary Statistics	3
✓	POLS 1101	Political Science	3
Total			14
Milestones			
Complete Area F			
Achieve junior status (60+ credit hours)			

✓	Spring Semester - Year 3		
✓	CORE elective	Area E	3
✓	CHEM 3200	Survey of Physical Chemistry	4
✓	BIOL 4500	Introduction to Biological Research	3
✓	BIOL 4110	Genetics	4
Total			14
Milestones			
Completed a minor in Chemistry			
Achieve senior status (90+ credit hours)			

✓	Spring Semester - Year 4		
✓	BIOL 4950	Senior Seminar	1
✓	Biology Elective	ANY BIOL 3XXX/4XXX (except BIOL 3150)	4
✓	CHEM 4100	Advanced Biochemistry	4
✓	Free elective	Free elective	3
✓	WELL 111X	Wellness	3
Total			15
Milestones			
Degree requirements complete: Earned BS in Biology			

TRACK TOTAL 120

Credit hours listed for electives are minimum credit hours required. Credit hours may exceed minimum requirements.

Free electives should be chosen based on needed pre-requisites for upper level electives.

Student must have 39 hours of 3XXX-4XXX level coursework overall