



Name: \_\_\_\_\_

ID: \_\_\_\_\_

Catalog 2024-25

## Biology (AMP-UP), Bachelor of Science

This academic degree map is a term-by-term course schedule designed for you to graduate in four years. The sample schedule below serves as a general guideline to building a full-time schedule for each term. Earning a degree requires that you complete (1) the required General Education courses, (2) the course requirements of your major and (3) any requirements PSU has designated for a Bachelor degree. Courses and special notes are specified to keep you on track to graduate in four years. Where open elective is listed, it means that you may take a course of your choosing, perhaps a course in an area outside of your major, but be sure to discuss this with your advisor.

This map is not a substitute for academic advisement – contact your advisor if you have any questions throughout the term and as you begin planning for the next. The University Catalog is also available as a resource with a complete list of requirements for all degrees offered at PSU.

### Recommended 4-years to graduation plan

Code	Semester 1 - FRESHMAN YEAR	Credit	NOTES
BIOL 211	Principles of Biology I (SGE) <sup>040</sup> Suggested	4	
BIOL 105	Pre-Health Orientation I	1	
CHEM 215	General Chemistry I	3	
CHEM 216	General Chemistry I Lab	2	
Bucket 030	Math & Statistics (SGE) <sup>030</sup>	3	
UGS 150	Gorilla Gateway (SGE) <sup>070</sup>	2	
TOTAL CREDIT HOURS		15	

	Semester 3 - SOPHOMORE YEAR	Credit	
BIOL 371	General Microbiology	3	
BIOL 372	General Microbiology Lab	2	
CHEM 325	Organic Chemistry I	3	
CHEM 326	Organic Chemistry I Lab	2	
ENGL 299	Intro to Research Writing (SGE) <sup>010</sup>	3	C or better
Bucket 050	Social & Behavioral Science (SGE) <sup>050</sup>	3	
TOTAL CREDIT HOURS		16	

	Semester 5 - JUNIOR YEAR	Credit	
Bucket 060	Arts & Humanities (SGE) <sup>060</sup>	3	
BIOL 656	Human Physiology	3	
BIOL 657	Human Physiology Lab	2	
PHYS 101	College Physics II	4	
PHYS 131	College Physics II Lab	1	
CHEM 575	Biochemistry I (or CHEM 475)	3	
TOTAL CREDIT HOURS		16	

	Semester 7 - SENIOR YEAR	Credit	
TR Credit	KCU Upper Division Electives	12	
TOTAL CREDIT HOURS		12	

Code	Semester 2 - FRESHMAN YEAR	Credit	NOTES
PHYS 100	College Physics I	4	
PHYS 130	College Physics I Lab	1	
CHEM 225	General Chemistry II	3	
CHEM 226	General Chemistry II Lab	2	
PSYCH 155	General Psychology (SGE) <sup>050</sup> Suggested	3	
ENGL 101	English Composition (SGE) <sup>010</sup>	3	C or better
TOTAL CREDIT HOURS		16	

	Semester 4 - SOPHOMORE YEAR	Credit	
BIOL 322	Genetics	3	
BIOL 323	Genetics Lab	2	
BIOL 205	Pre-health orientation II	1	
CHEM 335	Organic Chemistry II	3	
CHEM 336	Organic Chemistry II Lab	2	
COMM 207	Speech Communication (SGE) <sup>020</sup>	3	
BIOL 311	Cell Biology	3	
TOTAL CREDIT HOURS		17	

	Semester 6 - JUNIOR YEAR	Credit	
300+	Biology Elective	1	
100+	Open Elective	4	
BIOL 660	Human Anatomy and Dissection	5	
Bucket 060	Arts & Humanities (SGE) <sup>060</sup>	3	
Bucket 070	Institutionally Designated (SGE) <sup>070</sup>	3	
Bucket 070	Institutionally Designated (SGE) <sup>070</sup>	1	
TOTAL CREDIT HOURS		17	

	Semester 8 - SENIOR YEAR	Credit	
TR Credit	KCU Upper Division Electives	11	
TOTAL CREDIT HOURS		11	

Writing to Learn: Typically one from general education and one in major coursework.

#### Systemwide General Education (SGE) Key

010 English	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutionally Designated
040 Natural & Physical Sciences	