



Pitt State

Biology (Medical Laboratory Sciences),
Bachelor of Science

Name:

ID:

Catalog 2024-25

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 105	Pre-Health Orientation I	1	
BIOL 211	Principles of Biology I (SGE) ⁰⁴⁰ Suggested	4	
CHEM 215	General Chemistry I	3	
CHEM 216	General Chemistry I Lab	2	
ENGL 101	English Composition (SGE) ⁰¹⁰	3	C or better
UGS 150	Gorilla Gateway (SGE) ⁰⁷⁰	2	
TOTAL CREDIT HOURS		15	

Code	Semester 2 - FRESHMAN YEAR	Credit	NOTES
BIOL 212	Principles of Biology II	4	
CHEM 225	General Chemistry II	3	
CHEM 226	General Chemistry II Lab	2	
PSYCH 155	General Psychology (SGE) ⁰⁵⁰ Suggested	3	
Bucket 030	Math & Statistics (SGE) ⁰³⁰	3	
TOTAL CREDIT HOURS		15	

	Semester 3 - SOPHOMORE YEAR	Credit	
BIOL 257	Anatomy & Physiology	3	
BIOL 258	Anatomy & Physiology Lab	2	
CHEM 320	Intro to Organic Chemistry (or CHEM 325)	3	
CHEM 326	Organic Chemistry I Lab	2	
Bucket 050	Social & Behavioral Science (SGE) ⁰⁵⁰	3	
Bucket 060	Arts & Humanities (SGE) ⁰⁶⁰	3	
TOTAL CREDIT HOURS		16	

	Semester 4 - SOPHOMORE YEAR	Credit	
BIOL 371	General Microbiology	3	
BIOL 372	General Microbiology Lab	2	
BIOL 330	Principles of Ecology	3	
Bucket 060	Arts & Humanities (SGE) ⁰⁶⁰	3	
ENGL 299	Intro to Research Writing (SGE) ⁰¹⁰	3	C or better
TOTAL CREDIT HOURS		14	

	Semester 5 - JUNIOR YEAR	Credit	
100+	Open Elective	5	
100+	Open Elective	3	
BIOL 671	Immunology	3	
CHEM 575	Biochemistry (or CHEM 475)	3	
COMM 207	Speech Communication (SGE) ⁰²⁰	3	
TOTAL CREDIT HOURS		17	

	Semester 6 - JUNIOR YEAR	Credit	
BIOL 322	Genetics	3	
BIOL 323	Genetics Lab	2	
100+	Open Elective	3	
Bucket 070	Institutionally Designated (SGE) ⁰⁷⁰	3	
Bucket 070	Institutionally Designated (SGE) ⁰⁷⁰	1	
BIOL 699	Senior Seminar	1	
TOTAL CREDIT HOURS		13	

	Summer - SENIOR YEAR	Credit	
EST 400	Clinical Year	6	
TOTAL CREDIT HOURS		6	

	Semester 7 - SENIOR YEAR	Credit	
400+	Clinical Year	12	
TOTAL CREDIT HOURS		12	

	Semester 8 - SENIOR YEAR	Credit	
400+	Clinical Year	12	
TOTAL CREDIT HOURS		12	

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 | |

