

Semester 5			Semester 6		
Credits	Course	Prerequisite	Credits	Course	Prerequisite
3	STAT 33001		3	CIS 20400 OR BIOL 59500 OR Gen. Ed. Tech.	
4	Biology Required Course		3	CHM 32400 OR CHM 33300	CHM 25500 or CHM 26505
3	Biology Elective		3-4	Biology Required Course	
3	Free Elective		3	Humanities/Social Science Elective	
13			12-13		

Semester 7			Semester 8		
Credits	Course	Prerequisite	Credits	Course	Prerequisite
3	BIOL 31100 (BIOL 58500 also allowed)		1	Senior Capstone	BIOL 31600 OR BIOL 33300 OR BIOL 35700
3	Biology Elective		3	Biology Elective	
3	Biology Elective		3	Free Elective	
3	Humanities/Social Science Elective		3	Free Elective	
3	Free Elective		3-4	Free Elective	
15			13-14		

Notes:

- CIS 20400 is recommended for students with limited experience using Microsoft Suite and can be replaced with BIOL 59500 or a different course approved by the department.
- An overall GPA of 2.0 or greater must be maintained. A GPA of 2.0 or greater must be maintained for Biology core courses.
- C- or better for BIOL 10100 and BIOL 10200.
- 32 or more credits must be at or above the 30000 level.

**Ivy Tech Community College - Associate of Science in Biology TSAP (63 Credits)**

- \_\_\_ (5) BIOL 105 Biology I Molecular and Cellular Processes
- \_\_\_ (5) BIOL 107 Biology II Diversity of Life
- \_\_\_ (4) BIOL 221 Molecular Biology
- \_\_\_ (4) BIOL 222 Genetics
- \_\_\_ (5) APHY 204 Human Anatomy and Physiology II
- \_\_\_ (4) BIOL 201 General Microbiology
- \_\_\_ (4) BIOL 240 Ecology
- \_\_\_ (4) CHEM 105 General Chemistry I
- \_\_\_ (4) CHEM 106 AH General Chemistry II
- \_\_\_ (5) CHEM 211 Organic Chemistry I
- \_\_\_ (5) CHEM 212 Organic Chemistry II
- \_\_\_ (4) PHYS 101 Physics I
- \_\_\_ (4) PHYS 102 Physics II
- \_\_\_ (3) MA 211 Calculus I
- \_\_\_ (3) MA 212 Calculus II

**Purdue University Northwest - Program Major Courses (57+ credits)**

- \_\_\_ (3) STAT 33001 Biostatistics
- \_\_\_ (4) Biology Required Course
- \_\_\_ (3) Biology Elective
- \_\_\_ (3) Free Elective
- \_\_\_ (3) CIS 20400 Introduction to Computer-Based Systems
- \_\_\_ (3) CHM 32400 Biochemistry or CHM 33300 Survey of Environmental Chemistry
- \_\_\_ (3-4) Biology Required Course
- \_\_\_ (3) Humanities/Social Science Elective
- \_\_\_ (3) BIOL 31100 Introduction to Evolution
- \_\_\_ (3) Biology Elective
- \_\_\_ (3) Biology Elective
- \_\_\_ (3) Humanities/Social Science Elective
- \_\_\_ (3) Free Elective
- \_\_\_ (1) BIOL 42600 Senior Capstone
- \_\_\_ (3) Biology Elective
- \_\_\_ (3) Free Elective
- \_\_\_ (3) Free Elective
- \_\_\_ (3-4) Free Elective
- \_\_\_ (3) ENGL 10400 English Comp. I
- \_\_\_ (3) ENGL 10500 English Comp. II
- \_\_\_ (3) COM 11400 Fundamentals of Speech Communication