SEATTLE PACIFIC UNIVERSITY

BA in Biology
2019-20

What can you do with a Bachelor of Arts with a Biology major from SPU?
The BA version of the Biology major at Seattle Pacific University provides a broad foundation in biology and is especially appropriate for students planning to teach at the junior high or secondary level.

Potential occupations include:

- Animal Biologist
- Clinical Technician
- Secondary Teacher
- Lab Manager
- Emergency Medical Technician
- Science Writer

Suggested Transfer Preparation at Edmonds Community College
Associate in Biology – Direct Transfer Agreement (DTA/MRP) or Associate in Arts – Direct Transfer Agreement (DTA), with careful science and math course selection.

Majors at SPU with similar requirements in first two years
BS in Biology; Cellular and Molecular Biology; Life Science

Courses in the major you may complete at Edmonds Community College

Edmonds Community College Courses	Equivalent SPU Courses
BIOL& 211 Majors Cellular w/Lab (5)	BIO 2101 General Biology (5)
BIOL& 212 Majors Animal w/Lab (6)	BIO 2102 General Biology (5)
BIOL& 213 Majors Plant w/Lab (6)	BIO 2103 (if with BIOL& 212) (5)
CHEM& 161 General Chemistry I w/Lab (6)	CHM 1211 General Chemistry I (5)
CHEM& 162 General Chemistry II w/Lab (6)	CHM 1212 General Chemistry II (5)
CHEM& 131 Intro to Organic/Biochemistry (5)	CHM 1330 Survey of Organic Chemistry (5)
MATH& 146 Introduction to Statistics (5)	MAT 2360 Intro to Stats for Sciences (5)

Note: Completion of these courses is not required for transfer, but may aid in timely completion of your degree. Only courses with a regular grade of 1.7 (C-) or higher may count toward a major or minor.

Admission to the Major
Admission to this major is guaranteed for transfer students admitted to SPU. Once you begin classes at SPU, complete the Major Application form in the Banner Information System to formalize your acceptance to the major.

Learn more about the BA in Biology major:
http://spu.edu/biology-ba
http://spu.edu/biology-reqs

Get more information about transfer admission to Seattle Pacific University at: http://spu.edu/transfer
Questions? Contact transfer@spu.edu

Courses in the major to complete at SPU

BIO 1859 Biology Cornerstone Seminar (1)
BIO 3325 Genetics (5)
BIO 4330 Evolutionary Mechanisms (5)
BIO 4256 Environmental Diversity (5) **OR** BIO 4413 Animal Physiology (5) **OR** BIO 4415 Plant Physiology (5) **OR** BIO 4418 Neurobiology (5)
BIO 3000 Intro to Biological Anthropology (5) **OR** BIO 3320 Principles of Development (5) **OR** BIO 3432 Biodiversity: Vertebrate Biology (5) **OR** BIO 3453 Biodiv: Plant ID & Taxonomy (5) **OR** BIO 4435 Biodiversity: Parasites & Pests (5) **OR** BIO 4744 Marine Botany (5)
BIO 3310 Ecology (5) **OR** BIO 4810 Marine Ecology (5) **OR** BIO 4815 Aquatic Ecology (5) **OR** BIO 4825 Forest Ecology (5) **OR** BIO 4835 Conservation Biology (5)
BIO 3615 Issues and Values in Biology (3)
BIO 4899 Natural Sciences Seminar (2)
Approved Botany Course, which may be in core or electives (0-5)
Electives in Biology (15)

University Foundations Requirement

All students must complete the University Foundations Requirement at SPU—even those who have completed the Direct Transfer Agreement (DTA) Associate Degree.

Students admitted with fewer than 90 credits (freshmen and sophomores) complete 15 credits:
UFDN 1000 The Christian Faith (5)
UFDN 2000 Christian Scriptures (5)
UFDN 3100 Christian Theology (5)

Students admitted with 90 credits or more (juniors and seniors) complete 10 credits:
UFDN 3001 Christian Scriptures (5)
UFDN 3100 Christian Theology (5)

In addition to the major, the degree requires completion of any remaining general education and University requirements, and at least 180 college-level credits total, including 60 upper-division (UD) credits.

Suggested course plan for your junior and senior years at SPU:

(Assumes admission with at least junior standing and satisfactory completion of BIOL& 211, 212, 213, and 260; CHEM& 131, 161, and 162; and MATH& 146 prior to transfer.)

Junior Year

AUTUMN	WINTER	SPRING	NOTES
• BIO 1859 (1) • BIO 3325 (5)* • +9-12 credits	• 15-18 credits	• 15-18 credits	* BIO 3325 is offered both Aut and Win. It is a pre-requisite for BIO 4330, which is only offered in Win. Note that most upper division courses are offered only in certain quarters, and some courses are offered in alternate years.
ANY QUARTER OFFERED Choose 5 credits from BIO 4256, 4413, and 4415. Choose 5 credits from BIO 3000, 3320, 3432, 3453, 3456, 4435, 4740, and 4744. Choose 5 credits from BIO 3310, 4810, 4815, 4825, and 4835.			

Senior Year

AUTUMN	WINTER	SPRING	NOTES
• 15-18 credits	• BIO 4330 (5) • +10-13 credits	• 15-18 credits	Take sufficient credits to reach 180 total and 60 upper-division (UD) *The Botany courses may double count in the general core or as an elective.
ANY QUARTER OFFERED BIO 3615 (3) BIO 4899 (must be taken for 1 credit twice, 2 credits total). Choose one of the follow Botany courses: BIO 3453, 4415 or 4744* Any remaining degree requirements.			