Applied Human Biology
2019-20

What can you do with an Applied Human Biology major from SPU?

The Applied Human Biology major at Seattle Pacific University is the ideal foundation if you plan to enter a physical therapy doctoral degree program after your undergraduate studies. The broad curriculum of this degree satisfies the basic requirements for entry into physical therapy as outlined by the American Physical Therapy Association.

Potential occupations include:

- Health Coach
- Health Product Salesperson
- Medical Office Manager
- Medical Writer
- Secondary Teacher
- Physical Therapist

Suggested Transfer Preparation at Seattle Central College

AA-DTA, AS-DTA or AST-1, with completion of the courses below.

Courses in the major you may complete at Seattle Central College

Seattle Central 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& 131 Intro to Organic/Biochemistry (5) or CHEM& 122 Intro to Organic Chemistry (5)	CHM 1330 Survey of Organic Chemistry (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& 163 General Chemistry III w/Lab (6)	CHM 1213 General Chemistry III (3) AND CHM 2213 Inorganic Qualitative Analysis (2)
MATH& 146 Introduction to Statistics (5)	MAT 2360 Intro to Stats for Sciences (5)
PSYC& 100 General Psychology (5)	PSY 1180 Gen Psych: Individual in Growth (5)
PSYC& 220 Abnormal Psychology (5)	PSY 3360 Psychological Disorders (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.

*LD=Lower-division: the course transfers as a lower-division equivalent to the SPU course

Admission to the Major

If you know that you want to complete the Applied Human Biology major, you may select the major in the online Major Application form in the Banner Information System once you begin classes at SPU. You will receive an email notification of acceptance.

If your goal is to pursue a doctoral degree program in physical therapy, be aware that graduate programs are competitive and require high GPAs for admission.

Learn more about the BS in Applied Human Biology major, its requirements and the pre-professional health sciences at:
http://spu.edu/applied-human-biology; http://spu.edu/applied-human-biology-reqs; and
https://spu.edu/pre-pro-health

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 2129 Anatomy & Physiology (5)
BIO 2130 Anatomy & Physiology (5)
BIO 3351 General Microbiology (5)
BIO 4899 Natural Sciences Seminar (2)
PHY 1101, 1102, 1103 General Physics (15) **OR** PHY 1121, 1122, 1123 Physics for Science and Engineering (15)
5 credits selected from the following: PSY 2470 Lifespan Developmental Psych (5) PSY 3460 Child Developmental Psychology (5) PSY 3475 Adolescent Developmental Psych (5) PSY 3480 Adult Developmental Psychology (5)
10 credits selected from the following: HHP 3570 Biomechanics (5) FCS 3340 Human Nutrition (5) HHP 1301 Wellness and Physical Activity (3) and HHP 3580 Exercise Physiology (5)
Biology Electives (10 credits) Be sure to complete at least 23 upper-division credits in the major.

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; CHEM& 122 or 131; CHEM& 161, 162, and 163; MATH& 146; and PSYC& 100 and 220 prior to transfer.)

Junior Year			
AUTUMN	**WINTER**	**SPRING**	**NOTES**
BIO 1859 (1) PHY 1101 or 1121 (5) BIO 2129 (5) • +4-7 credits	PHY 1102 or 1122 (5) BIO 2130 (5) • +5-8 credits	• PHY 1103 or 1123 (5) • BIO 3351 (5) • +3-8 credits	• Note that most upper division courses are offered only in certain quarters, and some courses are offered in alternate years. • Apply to graduate once you're in the major. • Ensure you take required "W" credits • Complete UFDN, UCOR, other general education and general University requirements as needed.
ANY QUARTER OFFERED 10 Credits selected from HHP 1301, 3570, 3580, and FCS 3340 this year or next 10 credits selected from BIO 3000, 3320, 3325, 3432, 3434, 4356, 4413, 4418, 4420, and 4435 this year or next			
Senior Year			
AUTUMN	**WINTER**	**SPRING**	**NOTES**
• 15+ credits, including remaining courses below	• 15+ credits, including remaining courses below	• 15+ credits, including remaining courses below	• Take sufficient credits to reach 180 total and 60 upper-division (UD) • Complete UFDN, UCOR, other general education and general University requirements as needed.
ANY QUARTER OFFERED Take 2 credits of BIO 4899 (must take twice for 1 credit each time) Credits selected from HHP 1301, 3570, 3580, and FCS 3340, if not complete Credits selected from BIO 3000, 3320, 3325, 3432, 3434, 4356, 4413, 4418, 4420, and 4435, if not complete Complete 5 credits selected from PSY 2470, 3460, 3475, or 3480			