

BA in Allied Health

66 units

Allied health encompasses professions that provide technical, therapeutic, and support services within the healthcare field. The Bachelor of Arts in Allied Health program (<https://www.apu.edu/clas/programs/allied-health-major/>) comprises a rigorous curriculum that combines foundational biological, chemical, and physical knowledge with a variety of applied topics including psychology, statistics, and electives tailored to the student's career goals. This program also provides an environment where undergraduate students can develop a Christian worldview and learn to integrate their faith into their future careers as allied health professionals.

The BA in Allied Health program is excellent preparation for a variety of allied health professions and meets most of the prerequisites for careers or graduate work in cytotechnology, entry-level master's in nursing, nutrition and dietetics, occupational therapy, orthotics and prosthetics, physical therapy, physical therapy assistance, and radiation technology. Students interested in these careers may consider APU's Pre-Physical Therapy/Occupational Therapy Track (<http://catalog.apu.edu/academics/college-liberal-arts-sciences/preprofessional-programs/>).

Note: Entry requirements differ among graduate schools and jobs. Students are responsible for researching the requirements of graduate programs and professions in which they are interested.

Requirements

All of the following requirements must be met to continue as an allied health, biological sciences, biochemistry, or chemistry major. A student's failure to maintain these requirements will result in him or her being dropped from the major. Reentry to the major is by petition only.

- Must maintain a minimum cumulative GPA of 2.0 in all biology, chemistry, biochemistry, math, and physics courses required for the major.
- Must complete each course required for the major with a C- or higher for the course to meet a degree requirement in the Department of Biology and Chemistry.
- Any single course within the major can be taken only two times at APU; students must change to a major outside the department after two unsuccessful (below C-) attempts in a single required course.
- Only two courses total within the major can be repeated; students must change to a major outside the department after unsuccessful (below C-) attempts in any three required courses.

Code	Title	Units
Biology		
BIOL 151	General Biology I ¹	4
BIOL 220 or BIOL 226	General Microbiology ² Intro to Neurobiology	4
BIOL 250	Human Anatomy	4
BIOL 251	Human Physiology	4
BIOL 396	Topics in Biology and Christian Thought ³	1
BIOL 465	Practicum and Topics in Allied Health ⁴	4
BIOL 496	Writing 3: Ethics and the Sciences ⁵	3
Chemistry		
CHEM 151	General Chemistry I ^{1, 6}	4
CHEM 152	General Chemistry II ⁶	4
Math		
MATH 130	Introduction to Statistics ^{7, 8}	3
Physics		
PHYC 151	Physics for Life Sciences I ^{1, 6}	4
PHYC 152	Physics for Life Sciences II ⁶	4
Psychology		
PSYC 110	General Psychology ⁹	3
PSYC 290	Human Growth and Development ⁹	3
BA Electives, Group 1		
Select 8 units of the following:		8
BIOL 346	Regional Human Anatomy	
CHEM 240	Introduction to Organic and Biochemistry ^{10, 11}	

KIN 363	Physiology of Exercise ¹²
KIN 364	Kinesiology ¹²
BA Electives, Group 2	
Select 9 units of the following (at least 3 units must be in PSYC):	
BIOL 311	Teaching and Learning in STEM ¹³
BIOL 312	STEM Education Research Seminar ¹³
BIOL 313	STEM Teaching Practicum ¹³
BIOL 394	Directed Research Internship ¹³
BIOL 390	Pre-health Seminar ¹³
BIOL 395	Biological Science Internship ¹³
PSYC 345	Psychology of Child and Adolescent Development ⁹
PSYC 355	Psychology of Adult Development
PSYC 360	Abnormal Psychology
PSYC 362	Research Methods in Psychology
PSYC 380	Psychology of Personality
PSYC 385	Health Psychology
PSYC 400	Multicultural Psychology ¹⁴
PSYC 410	Psychology of Exceptional Children
PSYC 432	Psychosocial Interventions in Pediatric Health Care
PSYC 485	Stress and Coping

Total Units**66**

- ¹ Meets the General Education Natural Sciences requirement.
- ² BIOL 220 is recommended for students interested in nursing careers. BIOL 226 is recommended for students interested in physical therapy careers.
- ³ BIOL 152 meets this requirement if taken at APU.
- ⁴ Meets the General Education Integrative and Applied Learning requirement.
- ⁵ Meets the General Education Writing 3 requirement.
- ⁶ This course may be waived with an appropriate Advanced Placement test score.
- ⁷ Meets the General Education Quantitative Literacy requirement.
- ⁸ MATH 130 does not meet the math prerequisite for BIOL 151 or CHEM 151. MATH 95, an ALEKS score of 45, or equivalent is the math prerequisite for BIOL 151; MATH 110 (with a B-), an ALEKS score of 65, or equivalent is the math prerequisite for CHEM 151.
- ⁹ Meets the General Education Social Sciences requirement.
- ¹⁰ Recommended for students interested in nursing careers.
- ¹¹ CHEM 251, CHEM 261, CHEM 252, CHEM 262, and BIOC 360 taken together meet the requirements of BA elective CHEM 240 and an additional BA elective from either elective group.
- ¹² Recommended for students interested in physical therapy careers.
- ¹³ Up to 3 units combined of BIOL 311, BIOL 312, BIOL 313, BIOL 390, BIOL 394, or BIOL 395 may count toward major elective units.
- ¹⁴ Meets the General Education Intercultural Competence requirement.

Program Learning Outcomes

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Students who successfully complete this program shall be able to:

1. Demonstrate a broad knowledge base in their chosen field.
2. Effectively communicate scientific ideas and research orally.
3. Effectively communicate scientific ideas and research in writing.
4. Demonstrate proficiency in problem solving and applying the scientific method to scientific questions.
5. Demonstrate laboratory skills and techniques.
6. Express a Christian worldview that integrates faith with their vocation.