

B.A. in BIOLOGY

Pre-Physician Assistant Advisement Area

Revised 3/06 MLT

Admission requirements for institutions that offer degrees in physician assistant studies vary considerably from no college courses to a completed bachelor's degree in a science-related field. The following degree program will fulfill the admission's requirements for most physician assistant schools in the United States. Students are encouraged to satisfy the requirements for more than one school and to consult the websites of PA programs for specific entrance requirements. Discuss differing requirements with your advisor to determine their best fit in your program.

Biology Core Requirement (26 cr hrs)				Chemistry Requirement (12 cr hrs)			
50-114	Concepts in Biology I	4	<input type="checkbox"/>	52-115	Chem for the Sciences I	4	<input type="checkbox"/>
50-115	Concepts in Biology II	4	<input type="checkbox"/>	52-116	Chem for the Sciences II	4	<input type="checkbox"/>
50-242	Microbiology	4	<input type="checkbox"/>	52-230	Fund Organic Chem **	4	<input type="checkbox"/>
50-271	Cell Biology	4	<input type="checkbox"/>	52-341	Biochemistry	4	<input type="checkbox"/>
50-332	Genetics	3	<input type="checkbox"/>	**spring semester only			
50-351	Ecology	3	<input type="checkbox"/>	Mathematics Requirement (9 cr hrs)			
Preferred Physiology Requirement				53-141	Intro Statistics	3	<input type="checkbox"/>
50-479	Integrated Physiology Lab	1	<input type="checkbox"/>	53-109	College Algebra OR		
50-474	Vert. Systems Physiology	3	<input type="checkbox"/>	53-113	Pre Calculus OR		
Scheduled concurrently with 50.479. Offered even-number falls.				53-116	Tech Algebra OR		
Preferred Biology Electives (9 cr hrs)				53-123	Essential of Calculus	3	<input type="checkbox"/>
50-212	Vertebrate Zoology*	3	<input type="checkbox"/>	56-110	Intro Computer Sci	3	<input type="checkbox"/>
50-233	Human Genetics*	3	<input type="checkbox"/>	Other Biological Sciences (8 cr hrs)			
50-331	Embryology	3	<input type="checkbox"/>	50-173	Anatomy & Physiology 1	4	<input type="checkbox"/>
50-333	Molecular Biology	3	<input type="checkbox"/>	50-174	Anatomy & Physiology II	4	<input type="checkbox"/>
50-342	Medical Microbiology*	3	<input type="checkbox"/>	Biology Electives (cont'd)			
50-343	Immunology*	3	<input type="checkbox"/>	50-464	Functional Neuroanatomy*	3	<input type="checkbox"/>
50-361	Comparative Vert Anatomy*	3	<input type="checkbox"/>	50-472	Animal Cell Physiology	3	<input type="checkbox"/>
50-364	Vertebrate Histology*	3	<input type="checkbox"/>	50-476	Neurophysiology*	3	<input type="checkbox"/>
50-390	Undergrad Research Biology	3	<input type="checkbox"/>	50-490	Internship in Biology*	3	<input type="checkbox"/>
50-411	Radiation Biology	3	<input type="checkbox"/>	50-493	Honors Independent Study 1	3	<input type="checkbox"/>
50-431	Developmental Biology	3	<input type="checkbox"/>	50-494	Honors Independent Study 2	3	<input type="checkbox"/>
50-442	Virology	3	<input type="checkbox"/>				

*First Choice Electives. Others should be considered Second Choice Electives. The following courses do NOT count as biology electives: 50.100, 50.101, 50.102, 50.107, 50.205, 50.230, 50.231, 50.250, 50.254, 50.275, 50.366.

1. A maximum of 3 cr hr of 50-490 may be applied as biology elective credit toward the degree.
2. A maximum of 6 cr hr from among 50-390, 50-391, 50-490, 50-493 and 50-494 may be applied as biology elective credit toward the degree.

General Education Requirements

Two cultural diversity courses (6 cr hr) are required. These can fulfill either group A or group B requirements. Designate these with a + symbol.

Foreign Language Requirement A second-level or higher foreign language is required (10.101, 11.101, 12.101, 13.102, 14.102, 18.102, 19.102 or higher). These credits may be used to satisfy Communication or Group A requirements.

The Communication elective course OR the Values/Ethics course can fulfill a group A or a group B requirement.

Communication (9 cr hrs)

20-101 English Comp 1 3

20-201 English Comp 2 3

_____ 3

Suggested communication electives include: foreign language course; 25-103 Public Speaking; 25-104 Interpersonal Communication.

Quantitative-Analytical Reasoning (3 cr hrs)

Fulfilled by mathematics requirement for major.

Values, Ethics, ... (3 cr hrs)

28-290 Medical Ethics 3

GROUP C. Natural Science and Mathematics (12 cr hrs)

Fulfilled by chemistry, biology, and mathematics requirements for the major.

GROUP A. Humanities & Arts (12 cr hrs)

_____ Foreign language

GROUP B. Social Sciences (12 cr hrs)

48-101 General Psychology

48-210 Life-Span Psychology

45-211 Principles of Sociology

Fitness and Recreational Skills (2 cr hrs)

Free Electives. List free elective courses here. Total number of cr hrs must be at least 120.

Medical Terminology (50-107) and **Abnormal Psychology (48-335)** may be required by some schools and would be included as free electives. Discuss Abnormal Psychology with your advisor during your freshman year.
