



Learn foundational core scientific concepts in biology, chemistry, and physics to become biologically literate. These core concepts are evolution, structure & function, information flow, exchange and storage, pathways and transformations of energy and matter, and systems (recommended by the American Association for the Advancement of Sciences).

Learn mathematical concepts utilized in the biological sciences.

Learn the process of science through problem solving and data interpretation. This involves the ability to develop and conduct experiments or test hypotheses, analyze and interpret data and use scientific judgment to draw conclusions.

Develop communication skills.

Understand the interdisciplinary nature of science.

Understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, economic, environmental, and societal contexts.

Function effectively on teams to solve problems.

(see Biology major checklist or UG Bulletin for courses)

Biology (20 hrs)

Chemistry (16 hrs)

Physics (8 hrs)

Mathematics including statistics (7 hrs)

PSYC 1300 General Psychology

Learn foundational course content needed to apply to Physician Assistant programs.

Exposure to diverse coursework to broaden students' thought processes so they can approach and deal with different topics and problems.

An ability to identify, formulate, and solve broadly defined technical or scientific problems by applying knowledge of mathematics and science to areas relevant to the discipline.

Develop independent inquiry and problem-solving skills.

Develop communication skills.

Understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, economic, environmental, and societal contexts.

The pre-requisite course is indicated in parentheses along with the upper division core designation, if applicable. These courses are required for entrance into Physician Assistant programs throughout the state of Arkansas.

____ BIOL 3406 Structure and Function of the Human Body I (BIOL 1440) *

____ BIOL 3407 Structure and Function of the Human Body II (BIOL 3406) *

____ BIOL 3420 General Microbiology (BIOL 2490)



Some of these trait competencies are folded into biology courses. However, you will need to find opportunities to discover (and develop) how these traits incorporate you as a unique individual. Courses in other disciplines, such as psychology, communications, sociology, and a foreign language or cultural studies may be helpful.

Most PA program require some type of hands-on patient care (refer to admissions requirement for the program you are interested in). Examples are medical assistant, EMT, phlebotomist, ER technician, patient transport, surgery tec