

AS Applied Science – Allied Health Option

PHILOSOPHY:

The Allied Health program is designed to provide basic education in the health sciences for those students who are planning on transferring to allied associate or baccalaureate degree programs. In this degree program, students will focus specifically on the human body. A graduate of this program will be a successful candidate for transfer into programs such as nursing, pharmacy, physical therapy, occupational therapy, pre-medicine, pre-dentistry, pre-optometry, and medical research. Native American traditional knowledge will be integrated into the coursework.

EXPECTED LEARNER OUTCOMES:

Student will:

1. Demonstrate comprehension of the human body form and function.
2. Demonstrate comprehension of human infectious disease.
3. Demonstrate an understanding of proper laboratory technique and research utilizing the scientific method and proper experimental design.
4. Demonstrate professional reading, writing and analysis skills.
5. Demonstrate knowledge of the relationship between the natural world and Native American cultures.

COURSE REQUIREMENTS:

Students will complete the GENERAL EDUCATION and the PROFESSIONAL CORE degree requirements as outlined in the appropriate sections with these specific courses required for completion of General Education requirements:

GENERAL EDUCATION	30 CREDITS
General Education Social Sciences: PSYX 100: Intro to Psychology (3 credits)	
PROFESSIONAL CORE	37 CREDITS
BIOS 101: General Biology (4 credits)	
BIOS 160: Allied Health Seminar (1 credit)	
BIOH 221: Infectious Diseases (3 credits)	
BIOH201: Human Anatomy and Physiology I (3 credits)	
BIOH202: Human Anatomy and Physiology I Lab (1 credit)	
BIOH211: Anatomy and Physiology II (3 credits)	
BIOH212: Anatomy and Physiology II Lab (1 credit)	
BIOH 295: Allied Health Capstone (3 credits)	
CHMY 141: General Chemistry I (3 credits)	
CHMY 142: General Chemistry I Lab (1 credit)	
EDU 220: Human Growth & Child Development (3 credits)	
STAT 216: Intro to Statistics (3 credits)	
Electives* (8 credits)	
TOTAL CREDIT REQUIREMENTS	67 CREDITS

*Electives select from the following list of courses:

BIOH 101: Found of Human Biology (3 credits)
 BIOH 102: Found of Human Biology Lab (1 credit)
 BIOS 110: Intro to Zoology (4 credits)
 BIOS 114: Intro to Botany (4 credits)
 BIOH 120: Elementary Microbiology (3 credits)
 BIOH 121: Elementary Microbiology Lab (1 credit)
 BIOH 150: Medical Terminology (3 credits)
 BIOS 190: Ethnobotany (4 credits)
 BIOS 200: General Ecology (4 credits)

CHMY 143: General Chemistry II(3 credits)
 CHMY 144: General Chemistry II Lab (1 credit)
 HPE 120: Nutrition (2 credits)
 NURS 115: Intro to Nursing (1 credit)
 PHSX205N: Fundamentals of Physics I (3 credits)
 PHSX 206N: Fundamentals of Physics I lab (1 credit)
 PHSX207N: Fundamentals of Physics II (3 credits)
 PHSX 208N: Fundamentals of Physics II lab (1credit)