

2014 Applied Health Science-*Health Science Specialization* Advising and Degree Planning Guide

Admission Guidelines

Most students in this program hope to gain admission to graduate programs in PT, OT, PA, or medicine. Admission to these graduate programs is very competitive and requires high GPA, leadership, research, and other extra-curricular activities.

Courses that should be completed during the student's first two years

(Credit hours listed in parentheses, *pre-requisites in italics*)

BIOL 2050 (5)
GSW 1120 (3, *placement, or completion of GSW 1100 or 1110*)
MATH 1220 (3, *placement, or completion of lower level*)
MATH 1150 (3)
BIOL 2050 (5)
CHEM 1250 (5, *MATH 1220*)
CHEM 1270 & 1280 (5, *CHEM 1250*)
PSYC 1010 (4)
AHS 1010 (1, *fall only*)
"Supportive" Electives (6)
1 BG Perspective: Cultural Diversity (3)
1 BG Perspective: Humanities & Arts (3)

*One required International Perspective course must be taken

Additional Requirements

PHYS 2010 (5)
PHYS 2020 (5, *PHYS 2010*)
BIOL 3310 (4, *BIOL 2050*)
BIOL 3320 (4, *BIOL 2050*)
"Disease" Electives (6)
"Administrative" Electives (6)
"Aging" Electives (6)
"Wellness" Electives (6)
AHS 3010 (2, *sophomore standing*)
PUBH 3300 (3, *MATH 1150 or STAT 2000, junior standing*)
PHIL 2420 (3)
BIOL 3140 & 3150 (4)
25-30 Additional Hours to complete General Education and Grad School Admission Requisites.

AHS-Health Science Course Sequence and Prerequisites

PRE-PT: KNS 3600 (BIOL 1040 or 2050; and BIOL 3320 or KNS 2300; and MATH 1120);

KNS 3700 (KNS 2300 or BIOL 3310; MATH 1120; PHYS 1010 or 2010)

PRE-MED: BIOL 2040 & 2050, MATH through calculus; CHEM 3410, 3440 and 3460 (Organic CHEM I & II)

Students are encouraged to research the prerequisites for graduate programs, which can vary from school to school. Check out the *GRAD SCHOOL* link on the CHHS Advising Center Web pages!

Recommended Science Lab Sequences and pre-requisites

PHYS 2010 → PHYS 2020

BIOL 2050 → BIOL 3310 → [KNS 3700 (Pre-Pt Track)]
BIOL 2050 → BIOL 3320 → [KNS 3600 (Pre-Pt Track)]

CHEM 1250 → CHEM 1270 & 1280 → [CHEM 3410 → CHEM 3440+3460 (Pre-Med Track)]
(fall or summer only) (spring or summer only)

MATH 1150 → PUBH 3300