



Department of Physical Therapy
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Doctor of Physical Therapy Program Track IB Prerequisite Completion Plan of Study

This course description summary is provided to assist you with course selection and your application to the DPT program. Students enrolled at SAU should take the SAU courses listed below. Students applying from other schools should enroll in courses with similar course descriptions. In general, survey courses and courses designed for non-majors are **not** accepted. All final decisions on prerequisite course acceptability will be made by the St. Ambrose University DPT Admissions and Retention Committee. Please contact the Physical Therapy Office at 563/333-6403 if you have any questions.

Prerequisite Courses offered at St. Ambrose University

General Biology (BIOL 103 or 199 and 104 or 200)

Two sequential introductory courses for biology majors including basic principles of biology, cell theory, genetics, evolution, ecology, survey of plant and animal biology. (8 semester hours with labs)

Human Physiology (BIOL 202 and 204)

Two sequential courses that include a systems-based introduction to the human body with study of normal structure and functioning of all human organ systems including skeletal, muscular, cardiovascular and nervous systems. Study of human anatomy with emphasis on the head and neck, extremities, and trunk. At SAU, physiology and anatomy are covered in a two-course sequence (8 semester hours with labs). A 3 semester hour human physiology course (with labs) also fulfills this requirement.

General Chemistry (CHEM 105 and 106)

Two sequential introductory courses in chemistry including basic principles and terminology, atomic and molecular structure, nature of chemical bonds, states of matter, reaction stoichiometry, kinetics,

equilibria, thermodynamics, electrochemistry, nuclear chemistry, acid-base chemistry and topics in descriptive chemistry of metals, non-metals and organics. Especially designed for chemistry, biology, physics and engineering majors. (8 semester hours with labs)

College Physics (PHYS 203 and 204)

Two course sequence in college / general physics to include principles of mechanics, thermodynamics, waves, acoustics, fluids, electricity, magnetism, optics, modern physics and elementary particles. Introductory courses for majors in biology, health sciences and liberal arts. (8 semester hours with labs)

Trigonometry (MATH 152)

Elementary trigonometric functions and their graphs. Trigonometric identities. Inverse trigonometric functions and their graphs. Applications of trigonometric functions in calculus. Courses in elementary analysis, pre-calculus, or calculus, which include trigonometric functions also meet this requirement. (3 semester hours)

Statistics/Biostatistics (STAT 213)

Introductory course that provides an overview of descriptive statistics and tests of statistical inference including but not limited to t tests, ANOVA, multiple comparison procedures, regression, and correlation. If available, a course in bio-statistics is preferred. (3 semester hours)

Introduction to Psychology (PSYC 105)

Basic introduction into concepts, theories, and methods of studying human and animal behavior. (3 semester hours)

Upper Level Course in Psychology or Sociology

Any upper level psychology or sociology course. (3 semester hours)

Plan of Study for Completing Prerequisites

Name _____

If you have not completed all prerequisite courses at the time you submit your application, please enter in the space below your "Plan of Study" for finishing any outstanding prerequisites course work. It is important that we have specific information. All prerequisites must be completed with a minimum grade of "C" before final acceptance into the DPT Program. (Please note: grades of "C-" and below do not meet this requirement.)

Course Title and Number	Sem. Hrs.	Institution at which course will be completed	Semester of projected completion
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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