

Pre-Requisite Coursework for *Physical Therapy*

Although many premed/pre-health students major in biology, biochemistry, or chemistry, students can enter graduate programs in the health professions with any undergraduate major. Professional healthcare programs seek well-rounded students with a diversity of interests, leadership experiences, and intellectual curiosity.

Students who plan to pursue postgraduate work in the health professions will take required courses in biology, chemistry, mathematics, physics, and psychology at Lewis & Clark. Many health-professional schools require advanced coursework in some of these areas as well. Many courses required for admission to health-professional schools are sequential, so good planning is key.

We have found that most PT schools require or recommend the below courses, however, pre-requisites can vary from school to school. It is a good idea to check directly with the schools you plan to apply to.

Pre-Requisite	LC Course
1-year of Introductory Biology w/ lab	<p>BIO 202: Biological Core Concepts: Mechanisms (Pre-req: Bio 110 and Chem 120) <i>and</i></p> <p>An upper-level Biology course <i>with lab</i> such as:</p> <p>BIO 361: Cell Biology (Pre-reqs: Bio 110, Bio 201, Bio 202, and Chem 120. Math 123, Math 131, Math 255, or CS 171) <i>or</i></p> <p>BIO 369: Developmental Biology (Pre-reqs: Bio 110, Bio 201, Bio 202, Chem 120. Math 123, Math 131, Math 255, or CS 171) <i>or</i></p> <p>BIO 375: Physiology (Pre-reqs: Bio 110. Bio 202. Recommended pre-req: Math 123, 131, CS 171, or PHYS 141)</p>
1-year Introductory Chemistry w/ lab	<p>CHEM 110: General Chemistry I (Pre-req: QR 101) <i>and</i></p> <p>CHEM 120: General Chemistry II (Pre-req: Chem 110)</p>
1-year Introductory Physics w/ lab	<p>PHYS 141: Introductory General Physics I (Pre-req: Math 123 or Math 131) <i>and</i></p> <p>PHYS 142: Introductory General Physics II (Pre-req: Phys 141 or Phys 151, and Math 131)</p>
1-year Psychology	<p>PSY 100: Introduction to Psychology (Pre-req: None) <i>and</i></p> <p>PSY 230: Infant and Child Development (Pre-req: Psy 100) <i>and/or</i></p> <p>PSY 330: Adolescent and Adult Development (Pre-reqs: Psy 230 and Psy 300)</p>
1 semester additional Psychology or Sociology or Anthropology	<p>Examples:</p> <p>PSY 260: Social Psychology (Pre-req: Psy 100) <i>or</i></p> <p>PSY 280: Brain and Behavior (Pre-req: Psy 100) <i>or</i></p> <p>SOAN 100: Introduction to Sociology (Pre-req: None) <i>or</i></p> <p>SOAN 110: Introduction to Cultural Anthropology (Pre-req: None) <i>or</i></p> <p>PHIL 103: Ethics (Pre-req: None)</p>
1 semester Anatomy	Offered through the Oregon Alliance of Independent Colleges and Universities. See your pre-health advisor for options.

~OVER FOR MORE~

1 semester Physiology	BIO 375: Physiology (Pre-reqs: Bio 110 and Bio 202. Recommended pre-reqs: Math 123, 131, CS 171 or Phys 141)
1 semester Statistics	ECON 103: Statistics (Pre-req: QR 101) <i>or</i> MATH 123: Calculus and Statistics for Modeling the Life Sciences (Pre-req: Math 115) <i>or</i> MATH 255: Statistical Concepts and Methods (Pre-req: Math 131) <i>or</i> PSY 200: Statistics I (Pre-req: None)
1 semester English Composition	CORE 120: Words