

## 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 <b>Introductory Biology w/ lab</b>	<b>BIO 110:</b> Biological Investigations (Pre-req: QR 101) <i>and</i> <b>BIO 201:</b> Biological Core Concepts: Systems (Pre-req: Bio 110) <i>and</i> <b>BIO 202:</b> Biological Core Concepts: Mechanisms (Pre-req: Bio 110, Chem 120)
1-year <b>Introductory Chemistry w/ lab</b>	<b>CHEM 110:</b> General Chemistry I (Pre-req: QR 101) <i>and</i> <b>CHEM 120:</b> General Chemistry II (Pre-req: Chem 110)
1-year <b>Introductory Physics w/ lab</b>	<u>For life science and chemistry majors, take:</u> <b>PHYS 141:</b> Introductory General Physics I (Pre-req: Math 123 or Math 131) <i>and</i> <b>PHYS 142:</b> Introductory General Physics II (Pre-req: Phys 141 or Phys 151, and Math 131)  <u>For non-life science and chemistry majors, take:</u> <b>PHYS 151:</b> Physics I: Motion (Pre-req: Math 131) <i>and</i> <b>PHYS 152:</b> Physics II: Waves and Matter (Pre-reqs: Phys 141 or Phys 151, and Math 132)
1-year <b>Psychology</b>	<b>PSY 100:</b> Introduction to Psychology (Pre-req: None) <i>and</i> <b>PSY 230:</b> Infant and Child Development (Pre-req: Psy 100) <i>and/or</i> <b>PSY 330:</b> Adolescent and Adult Development (Pre-reqs: Psy 230 and Psy 300)
1 semester additional <b>Psychology or Sociology or Anthropology</b>	Examples: <b>PSY 260:</b> Social Psychology (Pre-req: Psy 100) <i>or</i> <b>PSY 280:</b> Brain and Behavior (Pre-req: Psy 100) <i>or</i> <b>SOAN 100:</b> Introduction to Sociology (Pre-req: None) <i>or</i> <b>SOAN 110:</b> Introduction to Cultural Anthropology (Pre-req: None) <i>or</i> <b>PHIL 103:</b> Ethics (Pre-req: None)
1 semester <b>Anatomy</b>	Offered through the Oregon Alliance of Independent Colleges and Universities. See your pre-health advisor for options.

~OVER FOR MORE~

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