

Pre-Requisite Coursework for *ABSN (Accelerated Bachelors in Nursing)*

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 ASBN programs 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
<p>1-year of Introductory Biology w/ lab</p> <p><i>(Some schools will allow you to take the full sequence of Chemistry instead – check with the school you are applying to)</i></p>	<p>BIO 110: Biological Investigations (Pre-req: QR 101) <i>and</i></p> <p>BIO 201: Biological Core Concepts: Systems (Pre-req: Bio 110) <i>and</i></p> <p>BIO 202: Biological Core Concepts: Mechanisms (Pre-req: Bio 110, Chem 120) <i>and</i></p> <p>BIO 361: Cell Biology (Pre-reqs: Bio 110, Bio 201, Bio 202, Chem 120. Math 123, 131, 255 or CS 171)</p>
1 semester of Genetics	BIO 380: Behavioral Genetics (Pre-reqs: Bio 110, Bio 202, and Chem 120. Math 123, 131, 255, or CS 171. Recommended pre-reqs: Bio 252, Bio 311, Bio 320, or Bio 361)
1 semester of Microbiology w/lab	Offered through the Oregon Alliance of Independent Colleges and Universities. See your pre-health advisor for options.
<p>1-year Introductory Chemistry w/ lab</p> <p><i>(Some schools will allow you to take the full sequence of Biology instead – check with the school you are applying to)</i></p>	<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 Lifespan Psychology/Human Development (must include birth to death)	<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</i></p> <p>PSY 330: Adolescent and Adult Development (Pre-reqs: Psy 230 and Psy 300)</p>
1 semester Anatomy	Offered through the Oregon Alliance of Independent Colleges and Universities. See your pre-health advisor for options.
1 semester Physiology	BIO 375: Physiology (Pre-reqs: Bio 110, Bio 202. Recommended pre-reqs: Math 123, 131, CS 171 or Phys 141)
1 semester Nutrition	CHEM 105: Perspectives in Nutrition (Pre-req: None)
1 semester Statistics	<p>ECON 103: Statistics (Pre-req: QR 101) <i>or</i></p> <p>MATH 123: Calculus and Statistics for Modeling the Life Sciences (Pre-req: Math 115) <i>or</i></p> <p>MATH 255: Statistical Concepts and Methods (Pre-req: Math 131) <i>or</i></p> <p>PSY 200: Statistics I (Pre-req: None)</p>
1 semester College Writing	CORE 120: Words