

Loma Linda Department of PA Sciences  
Prerequisite Course Listing  
2022-2023

**SCIENCE PREREQUISITES**

Prerequisite	Accepted	Not Accepted
Human Anatomy with Lab	<ul style="list-style-type: none"> <li>- <b>Human</b> Anatomy with Lab</li> <li>- General Anatomy with Lab</li> <li>- Portion of A&amp;P I and II sequence with Lab in conjunction with physiology prerequisite</li> </ul>	<ul style="list-style-type: none"> <li>- Survey of Fundamental(s)</li> <li>- Essentials</li> <li>- Introductory</li> <li>- Vertebral</li> <li>- Mammalian</li> <li>- Paramedical</li> <li>- X or XL courses (extension)</li> <li>- AP sequence completion</li> <li>- Allied Health or Nursing Courses</li> </ul>
Human Physiology with Lab	<ul style="list-style-type: none"> <li>- <b>Human</b> Physiology with Lab</li> <li>- General Physiology with Lab</li> <li>- Portion of A&amp;P I and II sequence with Lab in conjunction with anatomy prerequisite</li> </ul>	<ul style="list-style-type: none"> <li>- Survey of Fundamental(s)</li> <li>- Essentials</li> <li>- Introductory</li> <li>- Exercise Physiology</li> <li>- Vertebral</li> <li>- Mammalian</li> <li>- Paramedical</li> <li>- X or XL courses (extension)</li> <li>- AP sequence completion</li> <li>- Allied Health or Nursing Courses</li> </ul>
General Microbiology with Lab	<ul style="list-style-type: none"> <li>- General Microbiology with Lab</li> </ul>	<ul style="list-style-type: none"> <li>- Survey of Fundamental(s)</li> <li>- Essentials</li> <li>- Introductory</li> <li>- Basic/Basic Medical</li> <li>- Paramedical</li> <li>- X or XL courses (extension)</li> <li>- AP sequence completion</li> <li>- Allied Health or Nursing Courses</li> <li>- Courses which do not cover the four medically relevant areas in a comprehensive course</li> </ul>
<b>Applicant must provide evidence of completion of one of the following Chemistry sequences below:</b>		
General Chemistry	<ul style="list-style-type: none"> <li>- General Chemistry I &amp; II with Lab</li> </ul>	<ul style="list-style-type: none"> <li>- Introductory</li> <li>- Introductory "General Chemistry" sequence</li> <li>- Survey of Fundamental(s)</li> <li>- Essentials</li> <li>- Basic/Basic Medical</li> <li>- Paramedical</li> <li>- X or XL courses (extension)</li> <li>- AP sequence completion</li> <li>- Allied Health or Nursing Courses</li> <li>- Special Topics/Elective Courses</li> </ul>
<b>OR</b>		
Inorganic Chemistry AND	<ul style="list-style-type: none"> <li>- Introduction to Chemistry</li> <li>- General Chemistry I (only)</li> <li>- Inorganic Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>- Although Introductory is acceptable for Inorganic Chemistry, it is <b>not</b> acceptable for the Physical Chemistry portion of this sequence (Organic Chemistry, Biochemistry)</li> </ul>
Organic Chemistry AND	<ul style="list-style-type: none"> <li>- Organic Chemistry (I or II acceptable)</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Introductory</b></li> <li>- Survey of Fundamental(s)</li> <li>- Essentials/Elementary</li> <li>- X or XL courses (extension)</li> <li>- AP sequence completion</li> <li>- Allied Health or Nursing Courses</li> <li>- Special Topics/Elective Courses</li> </ul>
Biochemistry	<ul style="list-style-type: none"> <li>- Biochemistry (I or II acceptable)</li> </ul>	

## NON-SCIENCE PREREQUISITES

Prerequisite	Accepted	Not Accepted
Psychology	<ul style="list-style-type: none"> <li>- General Psychology</li> <li>- Introduction to Psychology</li> <li>- Human Growth and Development*</li> <li>- Developmental Psychology*</li> </ul> <p>*Growth and Development coursework <b>must</b> cover the lifespan to be accepted</p>	<ul style="list-style-type: none"> <li>- Abnormal Psychology</li> <li>- Philosophy Courses</li> <li>- Humanities Courses</li> <li>- AP sequence completion</li> <li>- Animal Behavior</li> <li>- Religion Courses</li> <li>- Special Topics/Elective Courses</li> </ul>
General Sociology or <b>Cultural Anthropology</b>	<ul style="list-style-type: none"> <li>- General Sociology</li> <li>- Introduction to Sociology</li> <li>- Principles of Sociology</li> <li>- Medical Sociology</li> <li>- Cultural Anthropology</li> <li>- Introduction to Cultural Anthropology</li> </ul>	<ul style="list-style-type: none"> <li>- Social Thought and Theory</li> <li>- Modern Culture</li> <li>- <b>Anthropology</b> that does not carry a cultural component</li> <li>- Religion Courses</li> <li>- Humanities Courses</li> <li>- Philosophy Courses</li> <li>- Social Sciences Courses</li> <li>- Special Topics/Elective Courses</li> <li>- Psychology Courses</li> </ul>
College Algebra	<ul style="list-style-type: none"> <li>- College Algebra</li> <li>- Pre-Calculus</li> <li>- Trigonometry</li> <li>- Calculus</li> <li>- AP Algebra or Greater course</li> </ul>	<ul style="list-style-type: none"> <li>- Pre-Algebra</li> <li>- Elementary Algebra</li> <li>- Intermediate Algebra</li> <li>- <b>Statistics</b></li> <li>- Mathematics course for specific topic or major pathway (ie, Mathematics for Nursing, etc.)</li> </ul>
College English	<ul style="list-style-type: none"> <li>- Literature and Composition (Freshman sequence)</li> <li>- AP English</li> </ul>	<ul style="list-style-type: none"> <li>- English as Second Language (ESL)</li> <li>- CLEP for English</li> <li>- Humanities Sequence</li> </ul>