Prerequisite Coursework

Prerequisite coursework may be taken at the University of Washington, community colleges, or at other accredited institutions of higher learning.

For applicants who have taken prerequisites at Washington State community colleges, course equivalencies can be determined using the UW Equivalency Guide. Others should compare the course descriptions in their college catalogs with the following descriptions to ensure approximate equivalencies.

**Introductory Biology 180** (5 credits including lab)
For students intending to take advanced courses in the biological sciences on enroll in pre-professional programs. Topics covered in 180 include Mendelian genetics, evolution, biodiversity of life forms, ecology, conservation biology.

**OR**

**General Microbiology 301** (3 credits), **302** (2 credits lab)
Acquaints students with micro-organisms and their activities. Topics include microbial cell structure and function, metabolism, microbial genetics, and the role of microorganisms in disease immunity. 302 is the concurrent lab with 301.

**AND**

**General Physics 114** (4 credits), **117** (1 credit lab)
**General Physics 115** (4 credits), **118** (1 credit lab)
Basic principles of physics presented without use of college-level mathematics.

**114**: mechanics and sound with concurrent lab (117)
**115**: heat and electromagnetism with concurrent lab (118)

**Biological Structure 301** (4 credits)
General anatomy. Survey of systematic human anatomy including human skeletal, muscular, respiratory, nervous, circulatory, endocrine, urinary, digestive, and reproductive systems.

**Biology 118** (5 credits)
Human physiology. Human organ and systems functions.

Note: Some colleges offer a combined Anatomy and Physiology series (A&P). If you are taking A&P together, be sure to take A&P I and A&P II for a total of at least 10 credits of A&P.

**Chemistry 120** (5 credits)
Atoms and molecules, including structure of atoms, chemical bonding, chemical reactions, phases of matter, solutions, equilibrium, and reaction states. Includes laboratory.

**Statistics 220** (5 credits)
Basic statistics. Structure of data sets, histograms, means, and standard deviations.
Correlation and regression. Probability, binomial and normal. Interpretation of estimates, confidence intervals, and significance tests.

**Psychology 101** (5 credits)
Behavior from a social-science perspective. Emphasizes human social behavior and influence, personality, learning, behavior disorders and treatment. Related topics may include memory, cognition, state of consciousness, motivation and emotion, perception, development, and research methods.

-AND EITHER-

**Psychology 203 Introduction to Personality and Individual Differences** (4 credits)
Overview of the major theories, research findings, and applications in the scientific study of personality. Covers research methods and approaches to measuring personality variables

-OR-

**Psychology 206 Human Development** (5 credits)
Theoretical perspectives and research methods in child development with an overview of historical and current works. Includes prenatal and biological development, the development of cognitive, linguistic, and social and emotional abilities.