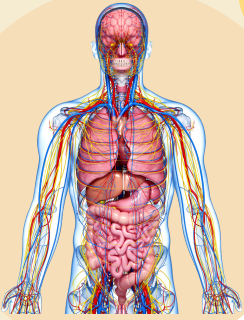


Prerequisite Tips for Pre-Nursing Students

Understanding the Difference between BIOL 250/251 and 260/261



Both sequences will meet the requirement for the nursing program. The two sequences are the same amount of semesters, units, and content when completed. The only difference is how it is divided.

BIOL 250 and 251 -
You will be studying human anatomy **AND** physiology simultaneously throughout both semesters.

BIOL 260 and 261 -
You will be studying human anatomy the first semester **THEN** human physiology the second semester.



Understanding the Difference between CHEM 101 and 105

Although chemistry is not a requirement for the program, it is a prerequisite for some required classes that will help with understanding the biochemistry of the body.

CHEM 101 -
Involves the study of the material makeup of our world and its relationship to life, the natural environment, and our lived experiences.

CHEM 105 -
Is taking 2 classes combined, CHEM 101 and 104. In these classes you will not only be learning what is in CHEM 101, but also the bonding, naming, structure, and chemical and biomolecular properties for different classes of organic compounds and biomolecules.



Understanding the Difference between SOC 100 and ANTHRO 102

SOC 100 -
Understanding society, social institutions, and social relationships through a sociological lens can help nurses recognize how social factors such as race, class, and gender can impact health outcomes and healthcare access. It allows nurses to consider the broader social context in which their patients exist and develop interventions that address social determinants of health.

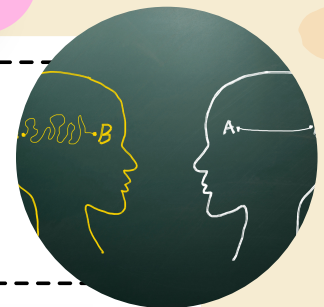
ANTHRO 102 -
Cultural Anthropology focuses on the power of culture to shape our behavior and identities, emphasizes open-mindedness to the benefits of diversity, explores the relationship between culture, health, race, gender, and our bodies, and promotes antiracism and social justice in the practice of medicine.



Understanding the Difference between COMMST 100 and 111

COMMST 100 -
public speaking, focuses on presenting information to groups. It's an excellent course to take because you will be presenting information to groups, patients, and families. Every course you take in college requires you to present something and this is a great foundational course that develops these skills.

COMMST 111 -
interpersonal, focuses on the relationships you have with yourself, and with other individuals in your life, from professional to romantic. Listening, emotions, culture, perception, conflict management, and more are a few of the topics covered in interpersonal.



Understanding the Difference between MATH 108 and PSYCH 105... both are math classes

MATH 108 -
Statistics helps you understand and process information. You will gather, organize, analyze, and draw conclusions from data that will help strengthen your critical thinking skills.

PSYCH 105 -
Helps you develop critical thinking skills as you learn to think about the world in terms of variation and probabilities. Using data from social and health sciences, you will gain hands-on skills in working with and interpreting data to draw conclusions and answer critical questions.



Human Anatomy and Physiology for Pre-Nursing Students

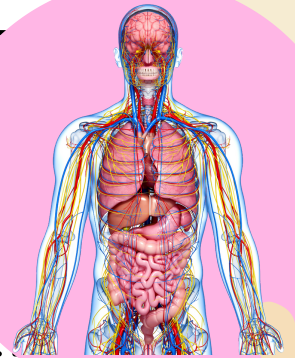
What is Human Anatomy and Physiology

Anatomy is the internal and external structures of the body and their physical relationships, whereas physiology refers to the functions of those structures. In Anatomy you will learn things like the parts that make up a human knee or the number and shapes of cells in your bloodstream. In physiology you will learn things such as the biochemistry of a neuron as it triggers the skeletal and digestive muscle cells chemistry.

BIOL 250 & 251 Sequence

When taking Human Anatomy parts I (250) and II (251), you'll be learning in combination the structural parts of the body AND in-depth biochemistry and functions of those parts. You'll be navigating much of the micro and macro levels together in both lecture and laboratory. If you feel that your learning preference is to absorb the interactions and themes of anatomy and physiology together, then this might be the series for you!

*** This sequence must be completed at the same college.



BIOL 260 & 261 Sequence

When taking this course series, you'll be learning a single discipline per semester. Thus, the structural micro and macro levels of the human body will be covered in the first course (260). While the in-depth biochemistry and functions of the body will be studied in the following, second course (261). If you feel that your learning preference is to specialize in one theme separate from the other, then this might be the series for you!

*** This sequence can be completed at different colleges.

Which one should I take?

It is important to know that both sequences of anatomy and physiology will meet the requirement for the nursing program. The two sequences are the same amount of time, units, and content. The only difference is how it is divided. Use the information above to make the best choice for your learning style.

