



ANP2001 | Human Physiology

4 Credits

Summer 2026

Semester: May 11- August 30

Quad: May 11 - July 6

Online

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Office Location and Hours: Office Hours Available Upon Request

PLNU Mission

To Teach ~ To Shape ~ To Send

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service is an expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

Course Description

This course provides students with the unique opportunity to learn about the human body from the microscopic to organ system levels. This in-demand course perfectly complements PLNU's standalone Human Anatomy with Lab (ANT 2000) course, and is perfect for individuals who want to become more qualified candidates for a variety of graduate and professional programs, or for rising educators seeking to expand their areas of expertise.

There are two versions of this course: the 7-week accelerated course and the 14-week course.

Course Learning Outcomes

The following learning outcomes will be achieved by students in this course:

1. Students will be able to describe cell structure and function and explain the underlying chemical principles that determine cellular physiology.
 2. Students will demonstrate an understanding of the basic functions of the major physiological systems of the body, including the nervous, endocrine, musculoskeletal, cardiovascular, immune, respiratory, digestive, urinary, and reproductive systems.
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Institutional Learning Outcomes

1. **Learning, Informed by our Faith in Christ**
Students will acquire knowledge of human cultures and the physical and natural world while developing skills and habits of the mind that foster lifelong learning.
 2. **Growing, in a Christ-centered Faith Community**
Students will develop a deeper and more informed understanding of others as they negotiate complex professional, environmental, and social contexts.
 3. **Serving, in a Context of Christian Faith**
Students will serve locally and/or globally in vocational and social settings.
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Required Texts and Recommended Study Resources

Modified Mastering A&P For Human Physiology: An Integrated Approach, 8th Ed. Silverthorn, Dee: ISBN-13: 9780134701523

No purchase is required. An access code is provided. [Get Started](#) | [PhysioEx Registrations Instructions](#)

Note: Students are responsible for having the required textbooks prior to the first day of class. Students are also encouraged to begin reading the books in preparation for the class as soon as possible.

Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law. All supplemental materials posted on this course site (including articles, book excerpts, or other documents) are provided for your personal academic use. These materials may be protected by copyright law and should not be duplicated or distributed without permission of the copyright owner.

Course Credit Hour Information

It is anticipated that students will spend a minimum of 37.5 participation hours per credit hour (4) for a total of 150 hours on their coursework. Students can expect the work in this class to be significant, and students should plan on spending 18-22 hours a week engaged in the course for the accelerated 7-week version and 10-14 hours a week for the 14-week version.

Assessment and Grading

Your grades will be posted in the Canvas Grades area no later than midnight on Tuesday of each week beginning in Week Two of this course. It is important to read the comments posted in the Grades as these comments are intended to help you improve your work. Final grades will be posted within one week of the end of the class. Grades will be based on the following:

Exams: Each of the modules will have an online exam. The exams will be completed on Canvas and will include multiple-choice questions. The exams will be **50% of your overall grade**.

Study Activities are created to provide practice and interaction with the content aligned with the weekly lectures. Study Activities will be **25% of your overall grade**.

Labs: There are labs to complete in PhysioEX from Pearson and additional Lab write-up assignments throughout the modules. Labs will be **25% of your overall grade**.

Grade By

Percentage

Grading Scheme

Letter Grade	Range
A	100% to 93%
A-	< 93% to 90%
B+	< 90% to 87%
B	< 87% to 83%
B-	< 83% to 80%
C+	< 80% to 77%
C	< 77% to 73%
C-	< 73% to 70%
D+	< 70% to 67%
D	< 67% to 63%
D-	< 63% to 60%
F	< 60% to 0%

Incompletes and Late Assignments

All assignments are to be submitted/turned in by the beginning of the class session when they are due—including assignments posted in Canvas. Incompletes will only be assigned in extremely unusual circumstances.

PLNU Spiritual Care

PLNU strives to be a place where you grow as a whole person. To this end, we provide resources for our Graduate and Adult Undergraduate students to encounter God and grow in their Christian faith. We have onsite chaplains at our different campuses who may be available during class break times across the week. If you have questions or a desire to meet or share any prayer requests with our chaplains, you can find them at the [Chaplain's Page](#) via myPLNU.

In addition, the Mission Valley and Balboa campuses have a prayer chapel for use as a space set apart for quiet reflection and prayer.

In addition, on the MV campus, there is a prayer chapel on the third floor, which is open for use as a space set apart for quiet reflection and prayer.

State Authorization

State authorization is a formal determination by a state that Point Loma Nazarene University is approved to conduct activities regulated by that state. In certain states outside California, Point Loma Nazarene University is not authorized to enroll online (distance education) students. If a student moves to another state after admission to the program and/or enrollment in an online course, continuation within the program and/or course will depend on whether Point Loma Nazarene University is authorized to offer distance education courses in that state. It is the student's responsibility to notify the institution of any change in his or her physical location. Refer to the map on [State Authorization](#) to view which states allow distance education outside of California.

PLNU Copyright Policy

Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

PLNU Recording Notification

In order to enhance the learning experience, please be advised that this course may be recorded by the professor for educational purposes, and access to these recordings will be limited to enrolled students and authorized personnel.

Note that all recordings are subject to copyright protection. Any unauthorized distribution or publication of these recordings without written approval from the University (refer to the Dean) is strictly prohibited.

PLNU Academic Honesty Policy

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when, in reality, they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination or, depending on the seriousness of the offense, for the course.

During the first week of class, you will be asked to submit an Academic Honesty Verification Statement. Submitting the statement is a requirement of this course. By submitting the Academic Honesty Verification Statement, you will be verifying all assignments completed in this course were completed by you. Carefully review the Academic Honesty Statement below.

Statement: "In submitting this form, I am verifying all the assignments in this course will be completed by me and will be my own work."

The Point Loma Nazarene University community holds the highest standards of honesty and integrity in all aspects of university life. Any violation of the university's commitment is a serious affront to the very nature of Point Loma's mission and purpose.

Violations of academic honesty include cheating, plagiarism, falsification, identity fraud, aiding academic dishonesty, and malicious interference.

Cheating is the use of unauthorized assistance that results in an unfair advantage over other students. It includes but is not limited to: bringing and/or using unauthorized notes, technology or other study aids during an examination; looking at other students' work during an exam or in an assignment where collaboration is not allowed; attempting to communicate with other students in order to get help during an exam or in an assignment where collaboration is not allowed; obtaining an examination prior to its administration; allowing another person to do one's work and submitting it as one's own; submitting work done in one class for credit in another without the instructor's permission.

Response Procedure for First Offense

The following response procedure must be used by faculty or administrators who discover a violation of academic honesty in current or previous courses.

1. **Fact-Finding:** The instructor or administrator should attempt to speak or otherwise communicate informally with the student as the first step.
2. **Notice of Decision to Student:** Once the violation is discovered, the instructor will send a written communication to the student regarding the incident and the consequences. Instructors can give students a lower grade (including an "F") on a specific assignment or a lower grade (including an "F") in the course as a consequence of a violation of academic honesty. The written communication should inform the student of the right to appeal. The communication should also inform the student that (i) a repeated violation of academic honesty may result in probation, suspension, administrative withdrawal or expulsion from the university, and/or (ii) depending on the gravity of the offense, a first violation of academic honesty may also result in probation, suspension, administrative withdrawal or expulsion from the university, in the discretion of the AUL. In cases of academic identity fraud, the violation(s) could be interpreted as a criminal offense and could result in criminal charges as well as administrative withdrawal from Point Loma Nazarene University.

Appeal Procedure

The following appeal procedure must be used by a student who wishes to appeal the consequences associated with a finding of academic dishonesty.

Appeals must address at least one of the following grounds:

- A procedural error or omission occurred that significantly impacted the outcome of the student conduct process (e.g., substantiated bias, material deviation from established policy or procedures).
- The discovery of new evidence which is demonstrated to have been unknown or unavailable after reasonable diligence during the underlying student conduct process that could substantially impact the original finding or consequence. A summary of this new evidence, explanation of how and why it was unknown or unavailable before, and its potential impact must be included in the appeal.
- Why the resulting sanction(s) are unfair or arbitrary. Note that the appeal must be in regard to the stated standards and not due to professional judgment.

The written letter of appeal must specifically address at least one of the grounds for appeal noted above.

Note that some violations may be considered ineligible for appeal, in the discretion of the AUL/Dean. Such violations could include without limitation those that involve or impact the health, safety, or security of any member of the PLNU community.

1. **Written Appeal:** Reviewed by AUL/College Dean: The student should present an appeal of the penalty in writing within ten (10) business days of receiving the instructor's decision, including all documents and evidence supporting the appeal, to the Dean who will send the appeal to the associate dean. The dean will review the appeal and send a written ruling to the student and instructor.

Response Procedure for Repeated Offense(s)

The following response procedure, after completing Items 1 and 2 from the First Offense Response Procedure as noted above, must be used by faculty or administrators who discover a repeated offense of a violation of academic honesty in current or previous courses.

1. Initial Notice to Student: If a prior offense of academic dishonesty has been noted, the AUL must notify the student in writing that such prior offense(s) will be included and evaluated by the AUL when considering the consequence that should be imposed with respect to the current offense.
2. Evaluation: The AUL or college dean must consult with the instructor about the current incident of academic dishonesty and the instructor's recommendations regarding the consequences for the current violation. Depending upon the gravity of the incident or pattern of incidents of academic honesty violations and the circumstances surrounding the current and prior offenses of academic dishonesty, such consequences may include, without limitation, probation, suspension, administrative withdrawal or expulsion from the university. Students with repeated offense(s) may not be allowed to retake any future courses at PLNU. In cases of academic identity fraud, the violation(s) could be interpreted as a criminal offense and could result in criminal charges as well as administrative withdrawal from Point Loma Nazarene University.

Notice of Decision to Student: The AUL or college dean will communicate their decision and the consequences in writing to the student. The written communication should inform the student of the right to appeal.

Artificial Intelligence (AI) Policy

You are allowed to use Artificial Intelligence (AI) tools (e.g., ChatGPT, Gemini Pro 1.5, GrammarlyGo, Perplexity, etc) to generate ideas, but you are not allowed to use AI tools to generate content (text, video, audio, images) that will end up in any work submitted to be graded for this course. If you have any doubts about using AI, please gain permission from the instructor.

PLNU Academic Accommodations Policy

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities in accordance with the Americans with Disabilities Act (ADA). Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center (EAC@pointloma.edu or 619-849-2533). Once a student's eligibility for an accommodation has been determined, the EAC will work with the student to create an Accommodation Plan (AP) that outlines allowed accommodations. Professors are able to view a student's approved accommodations through Accommodate.

PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their AP in that particular course. Accommodations are not retroactive so clarifying with the professor at the outset is one of the best ways to promote positive academic outcomes.

Students who need accommodations for a disability should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to ensure appropriate accommodations can be provided. It is the student's responsibility to make the first contact with the EAC. Students cannot assume that because they had accommodations in the past, their eligibility at PLNU is automatic. All determinations at PLNU must go through the EAC process. This is to protect the privacy of students with disabilities who may not want to disclose this information and are not asking for any accommodations.

Language and Belonging

Point Loma Nazarene University faculty are committed to helping create a safe and hospitable learning environment for all students. As Christian scholars we are keenly aware of the power of language and believe in treating others with dignity. As such, it is important that our language be equitable, inclusive, and prejudice free. Inclusive/Bias-free language is the standard outlined by all major academic style guides, including MLA, APA, and Chicago, and it is the expected norm in university-level work. Good writing and speaking do not use

unsubstantiated or irrelevant generalizations about personal qualities such as age, disability, economic class, ethnicity, marital status, parentage, political or religious beliefs, race, gender, sex, or sexual orientation. Inclusive language also avoids using stereotypes or terminology that demeans persons or groups based on age, disability, class, ethnicity, gender, race, language, or national origin. Respectful use of language is particularly important when referring to those outside of the religious and lifestyle commitments of those in the PLNU community. By working toward precision and clarity of language, we mark ourselves as serious and respectful scholars, and we model the Christ-like quality of hospitality.

If you (or someone you know) have experienced other forms of discrimination, you can find more information on reporting and resources at [PLNU's Nondiscrimination webpage](#).

Sexual Misconduct and Discrimination

Point Loma Nazarene University faculty are committed to helping create a safe learning environment for all students. If you (or someone you know) have experienced any form of sexual discrimination or misconduct, including sexual assault, dating or domestic violence, or stalking, know that help and support are available through the [Title IX Office](#). Please be aware that under Title IX of the Education Amendments of 1972, it is required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact Counseling Services at counselingservices@pointloma.edu or find a list of campus pastors via our [Sexual Harassment and Discrimination Policy](#).

If you (or someone you know) have experienced other forms of discrimination or bias, you can find more information on reporting and resources via our [Nondiscrimination and Anti-harassment Policy](#).

PLNU Attendance and Participation Policy

Regular and punctual attendance at all class sessions is considered essential to optimum academic achievement. Therefore, regular attendance and participation in each course are minimal requirements.

If the student is absent for more than 10 percent of class sessions, the faculty member will issue a written warning of de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university withdrawal date or, after that date, receive an “F” grade.

Students who anticipate being absent for an entire week of a course should contact the instructor in advance for approval and make arrangements to complete the required coursework and/or alternative assignments assigned at the discretion of the instructor. Acceptance of late work is at the discretion of the instructor and does not waive attendance requirements.

Refer to [Academic Policies](#) for additional details.

Synchronous Attendance/Participation Definition

For synchronous courses that have specific scheduled meeting times (including in-person, hybrid, and synchronous online courses), absences are counted from the first official meeting of the class regardless of the date of the student’s enrollment. For courses with specific attendance requirements, those requirements are outlined in the course syllabus.

Note: For synchronous courses with an online asynchronous week, refer to the Online Asynchronous Class Attendance policy listed below.

Online Asynchronous Attendance/Participation Definition

Students taking online courses with no specific scheduled meeting times are expected to actively engage throughout each week of the course. Attendance is defined as participating in an academic activity within the

online classroom which includes, but is not limited to:

- Engaging in an online discussion
- Submitting an assignment
- Taking an exam
- Participating in online labs
- Initiating contact with faculty member within the learning management system to discuss course content

Note: Logging into the course does not qualify as participation and will not be counted as meeting the attendance requirement.

Course Modality Definitions

1. Online Courses: These are courses with class meetings where all instruction and interaction are fully online.
 1. Synchronous Courses: At least one class meeting takes place at a designated time.
 2. Asynchronous Courses: All class meetings are asynchronous.
 2. Hybrid Courses: These are courses with class meetings that take place both in the classroom and online synchronously and/or asynchronously.
 3. In-Person Courses: These are courses that meet in person with the instructor and students in a physical classroom setting. With approval by the area dean, this may include up to 25% of qualified class interactions through a Learning Management System (such as Canvas).
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Use of Technology

In order to be successful in the online or hybrid environment, you'll need to meet the minimum technology and system requirements; please refer to the [Technology and System Requirements](#) information. Additionally, students are required to have headphone speakers, microphone, or webcams compatible with their computer available to use. Please note that any course with online proctored exams requires a computer with a camera (tablets are not compatible nor allowable) to complete exams online.

Problems with technology do not relieve you of the responsibility of participating, turning in your assignments, or completing your class work.

GPS Academic Resources

PLNU offers the following free academic resources virtually for Graduate Professional Studies (GPS) Students. Visit myPLNU through the links below for more information.

- [The GPS Writing Center](#) offers:
 - **Zoom Writers Workshops** offered each quad on a variety of helpful topics
 - **One-to-one appointments** with the Writing Coach
 - **Microlearning YouTube Video Library** for helpful tips anytime
- [Research Help Guide](#) to help you start your research
 - The physical office is located on the third floor of the [Mission Valley Regional Center](#) off the student lounge
- [Academic Writing Resources Course](#): Found on your Canvas Dashboard, this course is non-credit with 24/7 access, no time limits, and self-paced content. [Watch a quick video run-through](#) and take time now to explore!
- [Grammarly](#): Students have unlimited FREE access to Grammarly for Education, a trusted tool designed to help enhance writing skills by providing real-time feedback, identifying areas for improvement, and providing suggestions. Grammarly's Generative AI is NOT available with our student accounts.
- [Tutoring](#): Students have access to 24/7 live or scheduled subject tutoring through Tutor.com, including a Paper Drop-Off Service with feedback within 12 hours.

Assignments-at-a-Glance

The course summary below lists our assignments and their due dates. Click on any assignment to review it.