



School of Natural Sciences and Mathematics

BI 151 (151-03-1): Human Anatomy and Physiology I

Clarence T.C. Ching Hall 254

Mon/Wed/Fri 11:30am - 12:20pm

Credits: 3 Term: Fall 2026

Instructor Information



Instructor: Dr. Sandro Jube, MSc, PhD

Email: sandro.jube@chaminade.edu

Office hours: By appointment only

Communication

If you have a personal question, my preferred mode of communication is email. Please enter the course name in the subject of all email communication. Emails will be answered within 24 hours.

Course Description & Materials

Catalog Course Description

This course is an introduction to the human anatomy and physiological systems. Necessary life functions and survival needs will be examined, followed by an orientation of the language of anatomy. Thorough analyses of intracellular function, tissue types, the integumentary system, skeletal tissue and the human skeleton, joints, muscle tissue and the muscular system, the fundamentals of nervous tissue, the nervous system, and the endocrine system will follow. Required course for nursing majors. Non-nursing students (e.g. pre-health professions students) may take this course subject to availability of seats in a separate course section than nursing majors.

Co-requisites: BI 151L, NUR majors.

Required Materials

- Textbook: **Fundamentals of Anatomy & Physiology, 11th Edition**
Frederic H. Martini, Judi L. Nath & Edwin F. Bartholomew
Pearson, © 2021 – **Older editions can also be used OR you can purchase the digital version (cheaper), instead of renting the physical book.**
- Computer with internet access
- Regular access to Canvas
- CUH Google Drive access

Canvas (<https://chaminade.instructure.com>)

All quizzes will be submitted on Canvas. Please review the course calendar for quiz and assignment due dates.

Learning Outcomes

Program Learning Outcomes (PLOs)

Upon completion, the student will be able to:

1. Utilize the nursing process to advocate for safe, holistic, patient centered care across the lifespan, incorporating the Marianist value of service, justice, and peace
2. Apply leadership and communication skills to ensure quality, collaborative and continuous patient care
3. Integrate credible research with clinical expertise and patient preferences for optimal care across the lifespan
4. Incorporate informatics and healthcare technologies into the practice of professional nursing.
5. Contribute to the safety and quality improvement of the healthcare environment

Course Learning Outcomes (CLOs)

Upon completion of BI 151, the student will be able to:

1. Use appropriate terminology related to human anatomy in selected organ systems.
2. Use appropriate terminology related to human physiology in selected organ systems.
3. Identify selected anatomical structures within the human body in selected organ systems.
4. Explain selected physiological functions in selected organ systems.
5. Explain the principle of homeostasis as it relates to selected human physiological processes.
6. Explain how feedback loops are used to control selected human physiological systems.
7. Explain selected anatomical and physiological interrelationships in selected organ systems.

8. Describe and explain laboratory procedures used to evaluate selected physiological functions within selected organ systems.
9. Explain selected basic chemical processes occurring at the cellular level.
10. Describe selected processes of human cellular metabolism.
11. Create graphs depicting selected anatomical or physiological data.
12. Interpret graphs depicting selected anatomical or physiological data

Marianist Values

This class represents one component of your education at Chaminade University of Honolulu. An education in the Marianist Tradition is marked by five principles and you should take every opportunity possible to reflect upon the role of these characteristics in your education and development:

1. Education for formation in faith.
2. Provide an integral, quality education.
3. Educate in family spirit.
4. Educate for service, justice and peace, and integrity of creation.
5. Educate for adaptation and change.

Native Hawaiian Values

Education is an integral value in both Marianist and Native Hawaiian culture. Both recognize the transformative effect of a well-rounded, value-centered education on society, particularly in seeking justice for the marginalized, the forgotten, and the oppressed, always with an eye toward God (Ke Akua). This is reflected in the 'Olelo No'eau (Hawaiian proverbs) and Marianist core beliefs:

1. Educate for Formation in Faith (Mana) E ola au i ke akua ('Olelo No'eau 364) May I live by God.
2. Provide an Integral, Quality Education (Na'auao) Lawe i ka ma'alea a kū'ono'ono ('Olelo No'eau 1957) Acquire skill and make it deep.
3. Educate in Family Spirit ('Ohana) 'Ike aku, 'ike mai, kōkua aku kōkua mai; pela iho la ka nohana 'ohana ('Olelo No'eau 1200) Recognize others, be recognized, help others, be helped; such is a family relationship.
4. Educate for Service, Justice and Peace (Aloha) Ka luma kū o ka no'eau ('Olelo No'eau 1430) Education is the standing torch of wisdom.
5. Educate for Adaptation and Change (Aina) 'A'ohe pau ka 'ike i ka hālau ho'okahi ('Olelo No'eau 203) All knowledge is not taught in the same school

Course Activities

Course Schedule available in Canvas.

Credit Hour Policy

This is a three-credit hour course requiring 135 clock hours of student engagement, per the official CUH Credit Hour Policy. Over the 15 weeks of this course, students will spend 37.5 hours in class, 32 hours reviewing the 16 Chapters, 16 hours studying for the Chapter quizzes, and 9.5 hours studying for and taking the final exam. There will be an additional 40 hours of work required beyond what is listed here (course readings, research articles, finishing class assignments, etc.), averaging 2.5 hours each week.

Course Policies

Attendance

Attendance is highly advised. Lectures may not be posted on Canvas and therefore coming to class is imperative. Excused absences may be accepted if a physician's note is obtained stating the exact dates of absence due to illness or injury.

Missed Exams

The instructor must excuse the student's absences from scheduled tests. If, for some legitimate reason, students should miss a scheduled exam, a make-up exam may be arranged. However, make-up exams will be given **ONLY** if one of the following criteria is met:

- illness (more than a minor cold) with **doctor's note**;
- death of a close relative or friend;
- other serious personal/interpersonal problems.

If this happens, students **MUST** inform the instructor about the situation **BEFORE** the exam, **NOT** after.

Late Work

No late work will be accepted.

Extra Credit

No extra credit opportunities in this course.

Changes to the Syllabus

While the provisions of this syllabus are as accurate and complete as possible, your instructor reserves the right to change any provision herein at any time. Every effort will be made to keep you advised of such changes, and information about such changes will be available from your instructor.

Grades of Incomplete

If an Incomplete grade is desired at the end of the course, communication beforehand and proper documentation must be submitted.

Grading

Total points possible: 800 points

- **Online Quizzes (320 points)**
 - 16 chapter quizzes (20 points each)
 - The quizzes are open-book and taken online (on Canvas) by the dates scheduled in the syllabus/course schedule. You will have a 1 time chance to finish each quiz within 40 minutes. The quizzes must be completed by 11:00 pm (Hawaiian Standard Time) at the scheduled dates.
- **Proctored Exams (480 points)**
 - 4 midterm exams (100 points each)
 - 1 final exam (80 points)
 - All exams are **closed-book** and **proctored** exams taken online on Canvas during the regular class time. The format for the midterms includes conventional multiple choice, short answer, essay, and label. The final exam will include 8 questions found in the “Critical Thinking Questions” folder.

Final Grades

Final grades are submitted to [Self-Service](#):

- A = 90% and above (720 points or more)
- B = 80-89% (640 - 719 points)
- C = 70-79% (560 - 639 points)
- D = 60-69% (480 - 559 points)
- F = 59% and below (479 points or less)

Important Information

Academic Honesty

Academic honesty is an essential aspect of all learning, scholarship, and research. It is one of the values regarded most highly by academic communities throughout the world. Violations of the principle of academic honesty are extremely serious and will not be tolerated.

Students are responsible for promoting academic honesty at Chaminade by not participating in any act of dishonesty and by reporting any incidence of academic dishonesty to an instructor or to a University official. Academic dishonesty may include theft of records or examinations, alteration of grades, and plagiarism, in addition to more obvious dishonesty.

Questions of academic dishonesty in a particular class are first reviewed by the instructor, who must make a report with recommendations to the Dean of the Academic Division. Punishment for academic dishonesty will be determined by the instructor and the Dean of Academic Division and may include an “F” grade for the work in question, an “F” grade for the course, suspension, or dismissal from the University.

For the most up to date information, please refer to the [Academic Honesty Policy](#) on the Chaminade University Catalog website.

Title IX and Nondiscrimination Statement

Chaminade University of Honolulu is committed to providing a learning, working and living environment that promotes the dignity of all people, inclusivity and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking. As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator.

Nondiscrimination Policy & Notice of Nondiscrimination

Chaminade University of Honolulu does not discriminate on the basis of sex and prohibits sex discrimination in any education program or activity that it operates, as required by Title IX and its regulations, including in admission and employment. Inquiries about Title IX may be referred to the University’s Title IX Coordinator, the U.S. Department of Education’s Office for Civil Rights, or both and contact information may be found at the [Chaminade University Title IX Office Contact Information and Confidential Resources website](#). On-campus Confidential Resources may also be found here at [CAMPUS CONFIDENTIAL RESOURCES](#).

The University’s Nondiscrimination Policy and Grievance Procedures can be located on the University webpage at:

<https://chaminade.edu/compliance/title-ix-nondiscrimination-policies-procedures/>.

To report information about conduct that may constitute sex discrimination or make a complaint of sex discrimination under Title IX, please refer to the [Campus Incident Report form](#). Chaminade University of Honolulu prohibits sex discrimination in any education program or activity that it operates. The NOTICE of NONDISCRIMINATION can be found here: [Notice of Nondiscrimination](#).

CUH Alert Emergency Notification

To get the latest emergency communication from Chaminade University, students' cell numbers will be connected to Chaminade's emergency notification text system. When you log in to the Chaminade portal, you will be asked to provide some emergency contact information. If you provide a cellphone number, you will receive a text from our emergency notification system asking you to confirm your number. You must respond to that message to complete your registration and get emergency notifications on your phone.

Assessment for Student Work

With the goal of continuing to improve the quality of educational services offered to students, Chaminade University conducts assessments of student achievement of course, program, and institutional learning outcomes. Student work is used anonymously as the basis of these assessments, and the work you do in this course may be used in these assessment efforts.

Student with Disabilities Statement

Chaminade University of Honolulu offers accommodations for all actively enrolled students with disabilities in compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA) of 1990, and the ADA Amendments Act (2008).

Students are responsible for contacting Kokua Ike: Center for Student Learning to schedule an appointment. Verification of their disability will be requested through appropriate documentation and once received it will take up to approximately 2–3 weeks to review them. Appropriate paperwork will be completed by the student before notification will be sent out to their instructors. Accommodation paperwork will not be automatically sent out to instructors each semester, as the student is responsible to notify Kokua Ike via email at ada@chaminade.edu each semester if changes or notifications are needed.

Kōkua 'Ike: Tutoring & Learning Services

Chaminade is proud to offer free, one-on-one tutoring and writing assistance to all students. Tutoring and writing help is available on campus at Kōkua 'Ike: Center for Student Learning in a variety of subjects (including, but are not limited to biology, chemistry, math, nursing, English, etc.) from trained Peer and Professional Tutors. Please check [Kōkua 'Ike's](#) website for the latest times, list of drop-in hours, and information on scheduling an appointment. Free online tutoring

is also available via TutorMe. Tutor Me can be accessed 24/7 from your Canvas account. Simply click on Account > TutorMe. For more information, please contact Kōkua 'Ike at tutoring@chaminade.edu or 808-739-8305.