



THE UNIVERSITY OF BRITISH COLUMBIA
CAPS 391 Course Syllabus
Introduction to Human Anatomy
Summer 2023

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Lectures: Tuesday and Thursday, 2 – 5 PM, Hybrid format (in-person lectures with synchronous Zoom connection)

Acknowledgment

UBC's Point Grey Campus is located on the traditional, ancestral, and unceded territory of the Musqueam people. The land it is situated on has always been a place of learning for the Musqueam people, who for millennia have passed on their culture, history, and traditions from one generation to the next on this site.

Introduction

This course is delivered in a hybrid format. By saying "hybrid format," students will be able to attend the classes and receive the course contents in several ways! All lectures will be delivered in person, while students will have the opportunity to watch the lectures synchronously via Zoom. In addition, all lectures will be recorded, and the link to the recorded lectures will be posted on the course page in Canvas. The lecture delivery is subject to change depending on class attendance, i.e., the instructor may deliver the lecture via Zoom.

The lectures will be on **Tuesdays and Thursdays from 2-5 PM Pacific Standard Time (PST)**. The first class will be on May 16 and the last on June 20. The UBC exam office will determine the final exam date and time.

Course Description

This course will introduce students to the basic structure of the human body systems at the macroscopic level (Gross Anatomy). There are different approaches to studying gross anatomy, including systemic, regional, and surface anatomy. In this course, we study human anatomy using the systemic approach. This approach provides a better understanding of the continuity of the human body systems and is more suitable in certain learning situations (e.g., if a human cadaver is not available for dissection).

Course Objectives:

Upon completion of this course, the students will be able to:

1. Define different approaches to studying anatomy.
2. Describe the standard anatomical position, planes, terms of position, relations, directions, and movements.
3. Identify major human body regions and their subdivisions.
4. Explain the abdominal topographic regions and body cavities, including their subdivisions.
5. Discuss the bones, muscles, and nervous systems of the human body.
6. Describe the components of the circulatory system, including the heart, blood supply, venous and lymphatic drainage of the human body.
7. Explain the components of the respiratory, digestive, urinary, and reproductive systems.
8. Briefly discuss the endocrine glands and special senses organs, including the eye and ear.

Course Assessment Method:

Your final grade will be based upon the grades you earn in the quizzes, the midterm, and final exams.

The breakdown of the grades is as follows:***Quizzes:***

(total of six quizzes **closed-book and notes**, one per week, 1% for each quiz) 6%

Midterm 40% of Total Mark

Final Exam (Non-cumulative, Everything after midterm materials) 54% of Total Mark

Notes on the Exams:

All exams are Mandatory and will be in multiple-choice format. Note that the instruction on all multiple-choice questions will be to "select the single best response." However, there is no penalty for the wrong answers, so the suggestion is not to leave any questions unanswered!

There will be no makeup exams (except under certain circumstances when the midterm or final exams are missed--see below).

You will not receive a concession for missing a quiz or midterm exam unless you contact the course instructor within 24 hours of missing the exam and you have missed it due to a legitimate reason (according to the UBC exam policies). Receiving a concession for missing a quiz or the midterm exam is at the course instructor's sole discretion.

If you miss the final exam, you must contact your Faculty Academic Advising Office to address the issue. In addition, please refer to the UBC Calendar for details of '[academic concession](#).' Please note that make-up for the final exam might differ from the versions

used for the rest of the class and will only be administered to you during the make-up exam date assigned to you by the University.

All quizzes will be administered with the lockdown browser option during the weekend.

Both midterm and final exams will be in-person exams. However, those students who live out of the Lower Mainland during the exam time will be able to take the exam administered with the Zoom invigilation option.

Those who take the exam with the Zoom invigilation option must ensure they have access to a reliable computer and internet. For the midterm and final exams, **you must have your second device (such as a cell phone)** connected to Zoom for invigilation while taking your exam with your computer. More information will be communicated before each exam and through the announcement board of the course in Canvas and/or in the class.

You will have the chance to test your computer system with a mock quiz early in the course to determine if your system will support using Lockdown Browser during the weekly quizzes, midterm, and final exams. The mock quiz will be available as a test at any time during the course, but **it is highly recommended that you test your system before the first quiz and drop the deadline.**

Because of the possibility of some technical issues, **you are strongly advised to start your quiz or exam as soon as possible during the exam time window.** Under no circumstances will a test (quiz, midterm, or final) be rescheduled or offered other than the determined time period due to any technical issues from your side (or forgetting the date/time of the test!). ***If there are some technical issues that you can not take the exam, we will arrange an oral exam. The oral exam is not in a multiple-choice format but short answer questions!***

Please note that if you have an accommodation through the Centre for Accessibility for extra time on quizzes and exams, you will need to inform the Course Director before you attempt the first quiz so that we can add additional time for all quizzes & exams.

During each week, there will be a **CLOSED-BOOK and NOTES** quiz. All quizzes will use the multiple-choice format. Quizzes will be timed and will be administered via the Lockdown Browser.

There will be a 15-hour window for taking the quiz, beginning at 8 AM (PST) and ending at 11 PM (PST) each **Sunday**.

ACADEMIC MISCONDUCT

Cheating, plagiarism, and other forms of academic misconduct are very serious concerns of the University. The Department of Cellular and Physiological Sciences has taken steps to alleviate them.

In all cases of suspected academic misconduct, the parties involved will be pursued to the fullest extent dictated by the guidelines of the University. Strong evidence of cheating or plagiarism may result in zero credit for the work in question. According to the [University Act \(section 61\)](#), the President of UBC has the right to impose harsher penalties, including (but not limited to) a failing grade for the course, suspension from the University, cancellation of scholarships, or a notation added to the student's transcript. Unless otherwise specified, all graded work in this course is to be original work done independently by individuals. For details on pertinent University policies and procedures, please see Chapter 5 in the UBC Calendar (students.ubc.ca/calendar) and read the [University's Discipline for Academic Misconduct](#).

Textbook:

Recommended texts (atlases) are:

1. M & M Essential Anatomy, Wiley E-Text for University of British Columbia (2023) by M. Alimohammadi and M. Doroudi
2. Gray's Anatomy for Students, 4th Edition (2019) by Drake, Vogl, and Mitchell
3. Clinical Anatomy, 9th Edition (2012) by Richard S. Snell
4. Essential Clinical Anatomy 6th Edition, by Keith L. Moore.
5. Atlas: Grant's, Netter, Moses, Rohen, and McMinn, are extremely helpful.

Note: For resource #1 you can order it through this link:

<https://www.vitalsource.com/en-ca/custom/9781119890133>

eText ISBN: 9781119890133, 1119890136

and for resources 2 to 5, you can order through the UBC Bookstore (or directly from the publisher).

Website: Canvas (course schedules/announcements, bulletin board, quizzes)

<https://canvas.ubc.ca>

How to Join a Zoom Meeting From a Personal Device:

Step 1: Open <https://ubc.zoom.us/> and click on '**Join a Meeting**'.

Step 2: Enter the **11 digits Zoom Meeting ID** (91714 507580), then click '**Join.**'

Step 3: If you have the Zoom client click '**Open Zoom Meetings**' otherwise, click '**Join from your browser.**'

Step 4: Enter the **last 6 digits** of the **Zoom Meeting ID** (507580) in the **passcode** field, then click '**Join Meeting.**'

Teaching Assistants:

- Dr. Kasra Moolooghy; kasramlg@student.ubc.ca WebCT (Canvas) Bulletin Board, Sample Questions, Office Hours

Important Notes:

We encourage you to use the **Canvas discussion forums** for your questions, as that allows other students to benefit from your questions and your TA and peer's responses.

Course Material Office Hours (with TAs via Zoom):**Weekly Office Hours:**

Monday 2:00 – 3:00 PM (PST) (tentative) Online via Zoom

Friday 2:00 – 3:00 PM (PST) (tentative) Online via Zoom

Zoom Link for office hours:

Meeting ID: 657 5041 0668

Passcode: 432857

Scheduling/Conflict Office Hours:

Dr. M. Doroudi with appointment via email

Tentative Course Calendar:

Lec.	Day	Date	Subject
1	Tue.	May 16	Introduction to Anatomical Terms, Axial Skeleton(I)
2	Thu.	May 18	Axial Skeleton (II), Appendicular Skeletons, Joints (I)
3	Tue.	May 23	Joints (II), Central Nervous System (I)
4	Thu.	May 25	Central Nervous System (II), Peripheral Nervous System Visceral Nervous System (I)
5	Tue.	May 30	Visceral Nervous System (II), Muscular System (I)
6	Thu.	June 1	Muscular System (II)
7	Tue.	June 6	Midterm Exam (Covers Lectures 1-5) BUT not the muscular system Muscular System (III), Circulatory System (Heart)
8	Thu.	June 8	Circulatory System (Arteries & Veins), Lymphatic System Respiratory System(I)
9	Tue.	June 13	Respiratory System (II), Digestive System (I & II)
10	Thu.	June 15	Digestive System (III), Urinary System
11	Tue.	June 20	Male & Female Reproductive and Endocrine Systems
12	Thu.	June 22	Special senses Review & Exam Prep

Note:

UBC schedules the final exam for the summer courses on the exam week (day TBD by UBC).