



THE UNIVERSITY OF BRITISH COLUMBIA  
CAPS 391 Course Syllabus  
Introduction to Human Anatomy  
Summer 2022

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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 17 and the last on June 21. 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 (notes)**, one per week, 1% for each quiz) 6%

Midterm 40% of Total Mark

Final Exam (Cumulative; 4% from pre-midterm materials, and 50% from after the  
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 administered with the Zoom invigilation option.**

Since ALL exams will be online, you need to make sure you have access to a reliable computer and internet. For the midterm and final exams, **you need to 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 the use of 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 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 or midterm, or final) be re-scheduled 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!**

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 (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 12-hour window for taking the quiz, which will begin at 10 AM (PST) and end at 10 PM (PST) each **Sunday**.

### *ACADEMIC MISCONDUCT*

Cheating, plagiarism, and other forms of academic misconduct are very serious concerns of the University, and 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 a 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. All graded work in this course, unless otherwise specified, 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](http://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 (2022) 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>  
<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. Manouchehr Madani; [madanicivi@gmail.com](mailto:madanicivi@gmail.com) WebCT (Canvas) Bulletin Board, Sample Questions, Office Hours

- Shayan Keymanesh; [shayankmn@gmail.com](mailto:shayankmn@gmail.com) WebCT (Canvas) Lectures chat room checking, Bulletin Board, 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 TAS' 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 11:00 AM to 12:00 PM (PST) (tentative)                      Online via Zoom

Scheduling/Conflict Office Hours:

Dr. M. Doroudi with appointment via email

**Tentative Course Calendar:**

| Lec. | Day  | Date    | Subject   |
|------|------|---------|---|
| 1    | Tue. | May 17  | Introduction to Anatomical Terms, Axial Skeleton(I)   |
| 2    | Thu. | May 19  | Axial Skeleton(II), Appendicular Skeletons, Joints (I)  |
| 3    | Tue. | May 24  | Joints (II), Central Nervous System (I)   |
| 4    | Thu. | May 26  | Central Nervous System (II), Peripheral Nervous System<br>Autonomic Nervous System (I)          |
| 5    | Tue. | May 31  | Autonomic Nervous System (II), Muscular System (I)  |
| 6    | Thu. | June 2  | Muscular System (II)  |
| 7    | Tue. | June 7  | Midterm Exam (Covers Lectures 1-5) BUT not the muscular<br>system<br>Circulatory System (Heart) |
| 8    | Thu. | June 9  | Circulatory System (Arteries & Veins), Lymphatic System<br>Respiratory System(I)                |
| 9    | Tue. | June 14 | Respiratory System (II), Digestive System(I)  |
| 10   | Thu. | June 16 | Digestive System (II), Urinary System<br>Male Reproductive System                               |
| 11   | Tue. | June 21 | Female Reproductive System, Endocrine System<br>Special senses (Ear & Eye)                      |

**Note:**

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