

Fall 2024

Welcome to Functional Human Gross Anatomy! Our teaching team is delighted to have you join us this term. In this course, we will focus on learning the basics of human anatomy, with specific attention to the musculoskeletal (muscles and bones), nervous (brain, spinal cord, and neurons), cardiovascular (heart and vessels), and respiratory (lungs and breathing) systems. Anatomy is a fundamental discipline that will support your understanding of core concepts related to health and disease in your degree ahead. The course is cumulative, and voluminous in nature, so we encourage you to stay involved, ask questions, and participate as much as possible † be sure to complete the online lecture modules before coming to your lab section. We look forward to meeting you soon!

Course Learning Outcomes:

By the end of this course, a successful student should be able to:

Communicate the locations, functions, and movements of structures using correct anatomical terms.

Use pictures and words to outline principles of neuronal conduction.

Explain the basic structure of the nervous system, differentiating between the central and peripheral nervous systems, as well as between the somatic and autonomic nervous systems.

Describe how the autonomic nervous system regulates basic homeostasis in the body.

Identify major surface anatomy landmarks, bones, joints, muscles, nerves, and vessels related to the upper limb, lower limb, and trunk by name, location, and function.

Describe muscle contraction, key events of the cardiac cycle, and mechanics of breathing.

Explain how the heart and lungs interact to form the cardiorespiratory system, differentiating between systemic and pulmonary circuits.

Explain and predict

Office:
Thames Hall

Email:

Lectures:
Weekly online modules
Asynchronous via [OWL Brightspace](#)

Laboratories:
Weekly in-person sessions led by Teaching Assistants

Course Schedule: *Subject to change*

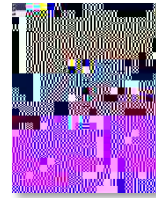
Week	Date	Unit	Topic(s)
1	5 † 6		No labs
2	9 † 13*	1: Introduction	Anatomical terminology and bones
3	16 † 20		

SEPTEMBER

Lectures:

Content in this course is delivered asynchronously via online modules in OWL Brightspace. The content will be available one week before the listed dates in the course syllabus. Each module will include:

An interactive [Storyline](#)



Academic Integrity:
Online Assessment

Students seeking academic considerations:

- † Are advised to consider carefully the implications of postponing tests or midterm exams or delaying handing in work.
- † Are encouraged to make appropriate decisions, based on their specific circumstances, recognizing that minor ailments (e.g., upset stomach) or upsets (e.g., argument with a friend) are not normally appropriate.
- † Must communicate with their instructors no later than 24 hours after the end of the period covered by the SMC, or immediately upon their return following a documented absence.
- † Are advised that all necessary documentation, forms, etc. are to be submitted to the academic advising office within two business days after the date specified for resuming responsibilities.

COVID-19 and Other Possible Disruptions:

There are several buffers built into this course to help ensure your success throughout the term, even if you fall ill or are unable to attend class in person. For example:

- † Your lowest quiz grade will be dropped (the top four scores will be counted).
- † You can miss two out of the ten laboratory sessions without penalty.

Additionally, you will receive a grade of F for any missed assessment. All course resources are posted online via OWL Brightspace.

We also encourage (but do not require) you to wear a mask while attending the laboratory sessions. These are small group sessions where we hope you can learn and practice together. As such, we will be following K Yg h'fb'g'a Uq_jb[' guidelines, at a minimum, and we hope that you will join us in working to keep our sessions as safe for everyone as possible.

Although the intent is for this course to be delivered in-person, the changing epidemiological landscape may necessitate some or all of the course to be delivered online, either synchronously (i.e., at the times indicated in the timetable) or asynchronously (e.g., posted on OWL Brightspace for students to view at their convenience). The grading scheme will not change. Any assessments affected will be conducted online as determined by the course instructor.

When deemed necessary, tests and examinations in this course will be conducted using a remote proctoring service. By taking this course, you are consenting to the use of this software and acknowledge that you will be required to provide personal information (including some biometric data) and that the session will be recorded. Completion of this course will require you to have a reliable internet connection and a device that meets the technical requirements for this service. More information about this remote proctoring service, including technical requirements, is available at <https://remoteproctoring.uwo.ca>.

Copyright:

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<http://www.uwo.ca/univsec/pdf/board/code.pdf>

Course/University Policies

1. The website for Registrarial Services is <http://www.registrar.uwo.ca> .
In accordance with policy, the centrally administered e-mail account provided to students will be considered the official University e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at his/her official university address is attended to in a timely manner.
2. Academic Offences
Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, in the Academic Calendar (westerncalendar.uwo.ca).

Plagiarism

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Academic Accommodation

Please contact the course instructor if you require lecture or printed material in an alternate format or if any other arrangements can make this course more accessible to you. Students with ongoing accommodation needs within this course are also encouraged to contact [Accessible Education](#), which provides recommendations for accommodation based on medical documentation or psychological and cognitive testing. The policy on Academic Accommodation for Students with Disabilities can be found [here](#).

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