

Western University
Faculty of Health Sciences
School of Kinesiology, School of Health Studies

KIN 3222B / HS 3300B
Anatomy of the Human Body: A Description of Systemic Structure & Function
Winter 2021

<p>Instructors: Dr. Danielle Brewer-Deluce, PhD email: danielle.brewer-deluce@uwo.ca</p> <p>Dr. Katelyn Wood, PhD email:</p> <p>Office Hrs: Wed 10-11am; Th 1-2:00pm via Zoom</p> <p>TAs: Giuseppe Capuano gcapuano@uwo.ca Trevor Day tday9@uwo.ca Lauren Kane lkane5@uwo.ca Taia Maceachern tmaceac@uwo.ca</p>	<p>Lectures: Weekly Online Web Modules: Asynchronous, via OWL</p> <p>Review Sessions: Online Live Sessions at the end of each unit</p>
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NOTE: This course will be offered fully online for the 2020/21 academic year. All course information including grades, web modules, quizzes, the course schedule, deadlines, and announcements are managed via OWL. Please check the website regularly for course announcements. Log into OWL using your UWO username and password.

<p>Calendar Course Description (including prerequisites/anti-requisites): A gross anatomical description of the structure and function of the human body focusing on systems responsible for maintaining the body (respiratory, digestive, urinary, endocrine), and for its continuation through the transmission of genes (reproductive system, developmental anatomy). Emphasis on the physiological functions as they relate to the anatomical structure</p> <p>Antirequisite(s): Anatomy and Cell Biology 2221, or Anatomy and Cell Biology 3200A/B, or Health Sciences 3300A/B, or the former Anatomy and Cell Biology 3319.</p> <p>Prerequisite(s): Kinesiology 2222A/B or Health Sciences 2300A/B or Health Sciences 2330A/B or Anatomy and Cell Biology 2200A/B.</p> <p>Extra Information: 3 lecture hours.</p>

You are responsible for ensuring that you have successfully completed all course pre-requisites, and that you have not taken an anti-requisite course.

Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

NOTE: If you wish to enroll in this course without the stated pre-requisite(s), you must obtain written approval from the course instructor. The approval should then be forwarded to your academic counsellor.

My Course Description

The course is designed to provide the student with a gross anatomical description of the structure and function of the human body focusing on systems responsible for maintaining the body (nervous, respiratory, digestive, urinary, endocrine), and for its continuation through the transmission of genes (reproductive system, developmental anatomy). Emphasis will be on the biological functions as they relate to the anatomical structure. The impact of disease and trauma to the various organ systems will be discussed & related to the relevant anatomy. The objective of this course is to give each student an advanced understanding of human gross anatomy and working knowledge of the anatomical systems of the human body with particular reference to cavity systems and human development. At the end of this course each student should know the anatomical and functional issues regarding the nervous, endocrine, respiratory, digestive and urinary systems. In addition, a strong working knowledge of human reproduction and development will be attained.

Learning Outcomes:

At the end of this course students should be able to:

- explain the basic structure of the nervous system differentiating between the Central vs Peripheral nervous systems as well as Somatic vs Autonomic nervous systems
 - explain principles of neuronal conduction
 - describe ascending sensory and descending motor pathways in the spinal cord
- explain the structure and function of major body systems including the Nervous, Endocrine, Respiratory, Digestive, Urinary, and Reproductive Systems
- identify, and describe the basic function and structure of the main organs of the thorax and pelvis
- use land-marking strategies to identify gross structures relative to one another in the body including bones, muscles, blood vessels, and nerves.
- explain and predict, based upon clinical signs/symptoms, functional implications of nervous, endocrine, respiratory, digestive, urinary and reproductive system changes in aging and injury

Overall, the spirit of this course is to foster learning, critical thinking, active questioning, and an appreciation for health and disease from a gross anatomical perspective.

Important Dates:

Term: Jan 11 – April 12

Spring Reading Week: Feb 13-21

Spring Exam Period: April 15-30 (April 13/14 = study days)

Midterm: Week of Mar 1-5 (date TBD)

Course Contact

What if I have a question about the course or content?

Your Lab TA is your first point of contact. You will be seeing them weekly, and this will allow for quick and easy communication for all 200+ students enrolled in this course.

You are also encouraged to provide feedback weekly on how the course is going, and any content related questions you have. Based on your feedback, every week I will create a short bonus video clarifying challenging content, and addressing questions posed. This will be available by Tuesday at noon. Please respond to the weekly feedback via the survey link posted on OWL Chances are that if you have a question, someone else does too. This will

effectively –

Course/University Policies

1.

: If Personal Response Systems

In the case of online examinations, an Examination Conflict Room, which may be assigned when a student is scheduled to write two proctored exams concurrently, will be interpreted as arrangements for continuous proctoring.

8. **Grades:** Where possible assignment objectives and rubrics will be posted on OWL. Should you have a concern regarding the grade you received for an assignment or feel that it is unfair in any way, you must wait 24 hours from the receipt of the assignment to approach the instructor or TA. In doing so, please make an appointment and prepare in writing, with evidence, why you feel your grade is inappropriate. Please be aware that in requesting a grade reassessment, your grade could go up/down/or stay the same. Note that calculations errors (which do occur!) should be brought to my attention immediately.

At least three days prior to the deadline for withdrawal from a 1000- or 2000-level course without academic penalty, students will receive assessment of work accounting for at least 15% of the final grade.

November 12th, 2020 (for first term half-courses)

November 30th, 2020 (for full-year courses)

March 7th, 2021 (for second term half-or full year courses)

Grade Descriptions:

A+	90-100	<i>One could scarcely expect better from a student at this level</i>
A	80-89	<i>Superior work that is clearly above average</i>
B	70-79	<i>Good work, meeting all requirements and eminently</i>
C	60-69	<i>Competent work, meeting requirements</i>
D	50-59	

unless invited by your instructor, do **not** share your screen in the meeting

The course instructor and/or TAs will act as moderator for the class and will deal with any questions from participants. To participate please consider the following:

if you wish to speak, use the **raise hand** function and wait for the instructor to acknowledge you before beginning your comment or question

remember to unmute your microphone and turn on your video camera before speaking
self-identify when speaking.

remember to mute your mic and turn off your video camera after speaking (unless directed otherwise)

General considerations of **etiquette**:

Keep in mind the different cultural and linguistic backgrounds of the students in the course.
Be courteous toward the instructor, your colleagues, and authors whose work you are discussing.

Be respectful of the diversity of viewpoints that you will encounter in the class and in your readings. The exchange of diverse ideas and opinions is part of the scholarly environment.
Flaming is never appropriate.

Be professional and scholarly in all online postings. Cite the ideas of others appropriately.

Note that disruptive behaviour of any type during online classes, including inappropriate use of the chat function, is unacceptable. Students found guilty of Zoom-bombing a class or of other serious online offenses may be subject to disciplinary measures under the Code of Student Conduct.

11. Online Learning Support: If you require support with online learning tools and resources, please refer to the Faculty of Health Sciences Online Teaching and Learning Support [Jira request links](#) for students

12. Student Code of Conduct: The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at Western University, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed and set out the disciplinary procedures that the University will follow. For more information, visit <https://www.uwo.ca/univsec/pdf/board/code.pdf>