



**CUMMING SCHOOL OF MEDICINE
GRADUATE COURSE OUTLINE**

Human Anatomy: Concepts, Exploration and Teaching			
Course	MDSC 703		
Pre/Co-Requisites	None but requires consent of instructor.		
Faculty	Cumming School of Medicine, Graduate Science Education		
Instructor Name(s)	Drs. Lian Willetts and John Bertram	Email	Lian.willetts@ucalgary.ca
Office Location	HMRB G-89	Office Hours	Friday 12-2
Instructor Email Policy	Both instructors will be available to respond to all emails regarding the course within 48 hrs from receiving the initial inquiry by students.		
Telephone No.	780-210-8881		
TA Name	N/A	Email	N/A
Class Term, Days	Winter, 13 lectures and 10 labs, 23 days total		
Class Times	Lecture: Wed 1400-1550; Lab Fri 1000-120		
Class Location	Health Research Innovation Centre Room BA01		

COURSE INFORMATION/DESCRIPTION OF THE COURSE
This is an introductory course specifically designed for graduate students with an interest in human morphology and cadaveric dissection. Human anatomical concepts appropriate for the modern medical curriculum are introduced
LEARNING RESOURCES/REQUIRED READING
None required, but Anne M. Gilroy (2017) <i>Anatomy: an essential textbook</i> (2nd ed). This is recommended (electronic version available through UofC library)

COURSE OBJECTIVES/LEARNING OUTCOMES
1. Explore human anatomical concepts relevant to modern medical curricula 2. Provide a forum for discussion of the role of anatomy in medical curricula and approaches to relaying that information. 3. Provide practical experience in synthesizing and relaying complex anatomical concepts. 4. Provide an opportunity to dissect human cadaver material.

CUT POINTS FOR GRADES

This course adheres to the grading system outlined in the University of Calgary, Faculty of Graduate Studies Calendar. Grades of A+ and A are not distinguished in the calculation of GPAs. Percentage/letter grade conversion used for this course is as follows

Grade	Grade Point Value	Percentage Conversion	Graduate Description
A+	4.00	95-100	Outstanding
A	4.00	90-94	Excellent – superior performance showing comprehensive understanding of the subject matter
A-	3.70	85-89	Very Good Performance
B+	3.30	77-84	Good Performance
B	3.00	72-76	Satisfactory Performance
B-	2.70	68-71	Minimum Pass for Students in the Faculty of Graduate Studies
C+	2.30	63-67	All grades below 'B-' are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements

Assessment Components: The University policy on grading related matters is outlined in the [2019-2020 Calendar](#).

Assessment Methods	Description	Weight %	Due Date and Time
Group participation	Weekly discussion topics	20%	Weekly at the beginning of lectures and labs
Multimedia communication project	Final anatomy module	40%	April 15 th 2020 4PM
Oral presentation with written report	Final presentation	40%	April 1 st , 8 th , and 15 th 2020

ASSESSMENT AND EVALUATION INFORMATION

ATTENDANCE AND PARTICIPATION EXPECTATIONS: All students are expected to attend all lectures and all labs.

GUIDELINES FOR SUBMITTING ASSIGNMENTS: Assignments are to be uploaded onto the D2L Dropbox at 4PM on due dates.

FINAL EXAMINATIONS: In lieu of final exams, a multi-media communication project, an oral presentation and a written paper are expected from all participants.

EXPECTATIONS FOR WRITING:

1. Originality
2. Clearly state the purpose and audience
3. Appropriate contextualized evidence
4. Logical organizational structure
5. Appropriate and discipline-specific format and citation
6. Error-free

LATE AND/OR MISSING ASSIGNMENTS: 5% deduction for everyday for late and or missing assignments.

Is a passing grade on a particular component essential to pass the course as a whole? Students are expected to pass the Final anatomy module (multi-medial communication project) and the final oral presentation. All students are expected to participate in the weekly discussions at the beginning of the lectures.

		COURSE TIMETABLE	
Course Schedule Date	Topic & Reading	Instructor	Assignments/Due Dates & Times
Jan/15/2020	Couse organization & introduction to anatomical terminology	LW/JB	N/A
Jan/22/2020	Gastrointestinal anatomy and embryology	LW	N/A
Jan/29/2020	Cardiovascular anatomy and embryology	LW	N/A
Feb/5/2020	Respiratory anatomy and embryology	LW	N/A
Feb/12/2020	Nervous system organization; Brain and Cranial nerves	LW/JB	N/A
Feb/26/2020	Anatomy and development of the Head, neck and face	JB	N/A
March/4/2020	Extremities and innervation	JB	N/A
March/11/2020	Renal and endocrine anatomy	LW	N/A
March/18/2020	Reproductive system and pelvic floor	LW/JB	N/A



March/25/2020	Independent project planning	LW/JB	N/A
April/1/2020	Student presentations	LW/JB	Oral presentation due by 2PM
April/8/2020	Student presentations	LW/JB	Oral presentation due by 2PM
April/15/2020	Student presentations	LW/JB	Oral presentation due by 2PM

INTERNET AND ELECTRONIC COMMUNICATION DEVICE INFORMATION

Cell phones must be turned off in class unless otherwise arranged with the instructor.

The use of laptop and mobile devices is acceptable when used in a manner appropriate to the course and classroom activities. Students are to refrain from accessing websites that may be distracting for fellow learners (e.g. personal emails, Facebook, YouTube). Students are responsible for being aware of the University's Internet and email use policy, which can be found at <https://www.ucalgary.ca/policies/files/policies/electronic-communicationspolicy.pdf>.

MEDIA AND RECORDING IN LEARNING ENVIRONMENTS

Media recording for lesson capture

The instructor may use media recordings to capture the delivery of a lecture. These recordings are intended to be used for lecture capture only and will not be used for any other purpose. Although the recording device will be fixed on the Instructor, in the event that incidental student participation is recorded, the instructor will ensure that any identifiable content (video or audio) is masked, or will seek consent to include the identifiable student content to making the content available on University approved platforms.

Media recording for assessment of student learning

The instructor may use media recordings as part of the assessment of students. This may include but is not limited to classroom discussions, presentations, clinical practice, or skills testing that occur during the course. These recordings will be used for student assessment purposes only and will not be shared or used for any other purpose.

Media recording for self-assessment of teaching practices

The instructor may use media recordings as a tool for self-assessment of their teaching practices. Although the recording device will be fixed on the instructor, it is possible that student participation in the course may be inadvertently captured. These recordings will be used for instructor self-assessment only and will not be used for any other purpose.



Student Recording of Lectures

Audio or video recording of lectures is prohibited except where explicit permission has been received from the instructor.

UNIVERSITY OF CALGARY POLICIES AND SUPPORTS

ACADEMIC ACCOMMODATIONS

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor. The full policy on Student Accommodations is available at <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>

IMPORTANT INFORMATION

Any research in which students are invited to participate will be explained in class and approved by the appropriate University Research Ethics Board

INSTRUCTOR INTELLECTUAL PROPERTY

Course materials created by professor(s) (including course outlines, presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the professor(s). These materials may NOT be reproduced, redistributed or copied without the explicit consent of the professor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing

COPYRIGHT LEGISLATION

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy

ACADEMIC INTEGRITY

The Cumming School of Medicine expects intellectual honesty from its students. Course participants should be aware of University policies relating to Principles of Conduct, Plagiarism and Academic Integrity. These are found in the printed Faculty of Graduate Studies Calendar, or online under Academic Regulations in the Faculty of Graduate Studies Calendar, available at [Faculty of Graduate Studies Academic Regulations](#)

ACADEMIC MISCONDUCT

For information on academic misconduct and its consequences, please see the University of Calgary Calendar at <http://www.ucalgary.ca/pubs/calendar/current/k.html>



EMERGENCY EVACUATION AND ASSEMBLY POINTS

Assembly points for emergencies have been identified across campus. The primary assembly points for South Campus (Health Science Centre (HSC); Health & Research Innovation Centre (HRIC); Heritage Medical Research Building (HMRB) and Teaching, Research and Wellness (TRW)) are:

- HSC and HMRB: HRIC Atrium (alternate assembly point is Parking Lot 6)
- HRIC: HMRB Atrium (alternate assembly point is Parking Lot 6)
- TRW: McCaig Tower (alternate assembly point is HMRB – Atrium)

APPEALS

If there is a concern with the course, academic matter or a grade, first communicate with the instructor. If these concerns cannot be resolved, students can proceed with an academic appeal, as per Section N of the Faculty of Graduate Studies Calendar. Students must follow the official process and should contact the Student Ombuds Office (<http://www.ucalgary.ca/provost/students/ombuds>) for assistance with this and with any other academic concerns, including academic and non-academic misconduct

THE FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY (FOIP) ACT

This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIP) and students should identify themselves on written assignments (exams and term work.) by their name and ID number on the front page and ID on each subsequent page. Assignments given by you to your course instructor will remain confidential unless otherwise stated before submission. The assignment cannot be returned to anyone else without your expressed permission to the instructor. Grades will be made available on an individual basis and students will not have access to other students' grades without expressed consent. Similarly, any information about yourself that you share with your course instructor will not be given to anyone else without your permission

WELLNESS AND MENTAL HEALTH RESOURCES

The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness and academic success, and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the excellent mental health resources available throughout the university community, such as counselling, self-help resources, peer support or skills-building available through the SU Wellness Centre (Room 370, MacEwan Student Centre), <https://www.ucalgary.ca/wellnesscentre/services/mental-health-services> and the Campus Mental Health Strategy website <https://www.ucalgary.ca/mentalhealth/>

SUPPORTS FOR STUDENT LEARNING, SUCCESS, AND SAFETY

Student Ombudsman: The Student Ombuds' Office supports and provides a safe, neutral space for students. For more information, please visit www.ucalgary.ca/ombuds/ or email ombuds@ucalgary.ca

Student Union: The SU Vice-President Academic can be reached at (403) 220-3911 or suvpaca@ucalgary.ca; Information about the SU, including elected Faculty Representatives can be found here: <https://www.su.ucalgary.ca>



Graduate Student's Association: The GSA Vice-President Academic can be reached at (403) 220- 5997 or gsa.vpa@ucalgary.ca; Information about the GSA can be found here: <https://gsa.ucalgary.ca>

SAFEWALK

Campus security will escort individuals, day or night, anywhere on campus (including McMahon Stadium, Health Sciences Centre, Student Family Housing, the Alberta Children's Hospital and the University LRT station). Call 403-220-5333 or visit <http://www.ucalgary.ca/security/safewalk>. Use any campus phone, emergency phone or the yellow phone located at most parking lot pay booths. Please ensure your personal safety by taking advantage of this service.