



UNIVERSITY OF BRITISH COLUMBIA  
School of Kinesiology  
Kinesiology 132 921 (3.0) formerly KIN 191  
Systems Physiology II  
2022S Term 2

### **Prerequisite / Corequisite**

None

### **Class Location**

Osborne Centre, Unit 1, Room 203  
Tuesday / Thursday 9 am – 12 pm

### **Course Instructor**

Rob Langill ([he/him/his](#))

Office: Osborne Centre, Unit 2, Room 125 / Phone: 604 822 6299 / Email: [rob.langill@ubc.ca](mailto:rob.langill@ubc.ca)

### **Other Instructional Staff – teaching assistant**

Monika Sohal ([she/her/hers](#))

Email: [monika.sohal@ubc.ca](mailto:monika.sohal@ubc.ca)

### **Preferred Contact Mode**

Email: questions can be emailed to course instructor or teaching assistant with subject heading KIN 132 921. We will do our best to respond within 24 hours (questions sent evenings or weekends may take longer).  
Office hours: No specific meeting times, but can be arranged by email.

### **Course Description**

Human physiology and anatomy are sciences of function and structure. Our study approach is to look at “systems”, organs working together to perform specific functions. In this course systems will include: cardiovascular (CV), respiratory (RS), urinary (UR), digestive (DI), and immune (IM).

### **Rationale**

Application of kinesiology can contribute to functional and structural properties of the human body. In order to understand this contribution, we will establish foundational knowledge of physiology and anatomy. From this base, the role of kinesiology and its contributions to health and fitness can be developed.

### **Learning Outcomes**

By the end of this course students will be able to:

- Understand basic physiology and anatomy corresponding to the five systems examined.
- See beginnings of where physiology and anatomy lead into kinesiology.
- Appreciate that a clear understanding of a system requires bringing both physiology and anatomy together.
- Realize that many physiological functions involve multiple systems working together.

### **Learning Materials**

- No required textbook; recommend you get an anatomy and physiology textbook to support your studies.
- PowerPoint slides provided on course website: [www.canvas.ubc.ca](http://www.canvas.ubc.ca).

## Course Structure

- Lecture days consist of three 50-minute segments (9 – 9:50 am / 10 – 10:50 am / 11 – 11:50 am).
- Exam days consist of just the exam (9 – 9:50 am for CV EXAM, RS EXAM, UR EXAM / start time set by Registrar for DI/IM EXAM)

## Schedule of Topics

	Tuesday	Thursday
July 5 – 7	INTRO / CV1 / CV2	CV3 / CV4 / CV5
July 12 – 14	CV6 / RS1 / RS2	RS3 / RS4 / RS5
July 19 – 21	CV EXAM	UR1 / UR2 / UR3
July 26 – 28	RS EXAM	UR4 / UR5 / DI1
August 2 – 4	DI2 / DI3 / DI4	UR EXAM
August 9 – 11	DI5 / IM1 / IM2	IM3 / IM4 / IM5
Aug 15 – 19 Exam date determined by Registrar after term starts.	DI/IM EXAM	

## Assessments of Learning

4 Exams: each is a final for system(s), not cumulative over term.

- CV EXAM: 20% / 50 minutes
  - RS EXAM: 20% / 50 minutes
  - UR EXAM: 20% / 50 minutes
  - DI/IM EXAM: 40% / 100 minutes
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- Exam format: multiple choice.
  - Topics and testable material covered during class time (slides, lectures).
  - NO OPPORTUNITIES TO EARN EXTRA CREDITS / NO CHANGING OF WEIGHTING.

## University Policies

Resources to Support Student Success: UBC provides resources to support student learning and to maintain healthy lifestyles but recognizes that sometimes crises arise and so there are additional resources to access. UBC values respect for person and ideas of all members of academic community. Harassment and discrimination are not tolerated nor is suppression of academic freedom. UBC provides appropriate accommodation for students with disabilities and for religious and cultural observances. UBC values academic honesty and students are expected to acknowledge ideas generated by others and to uphold the highest academic standards in all of their actions. Details of policies and how to access support are available from [UBC Senate Website](#).

Academic Accommodation for Students with Disabilities: UBC's goal is to ensure fair and consistent treatment of all students, including students with a disability, in accordance with their distinct needs and in a manner consistent with academic principles. Students with a disability who wish to have an academic accommodation contact Centre for Accessibility without delay.

**Academic Integrity:** Expected to behave as honest and responsible members of an academic community of higher learning and research. Breach of those expectations or failure to follow appropriate policies, principles, rules, and guidelines of the University with respect to academic honesty may result in disciplinary action. It is your responsibility, as student, to become familiar with and understand consequences of violating:

[Academic Honesty and Plagiarism Policies](#) / [Student Declaration](#) / [Student Conduct during Examinations](#)

**Online Communications:** All UBC students are expected to communicate in a respectful and professional manner with your fellow students, teaching assistants, and instructors. Please ensure you review and are familiar with [Student Guidelines for Respectful Online Conduct](#) from UBC Equity & Inclusion Office.

## **Course Policies**

### **In general:**

- If you are sick, stay home.
- If course instructor is sick, will stay home and email plans for class as soon as possible (likely involving online delivery).

### **Lecture Absence:**

- Notification not required.
- Responsible for all material whether in attendance or not (includes announcements if changes needed).

### **Exam Absence:**

#### Foreseen

- Should appeal for special accommodation from course instructor as early in term as possible.
- Special accommodation requires timely notification with a minimum two weeks notification expected and support documentation required.

#### Unforeseen – prior notification not possible (illness or family crisis)

- Notification of course instructor as soon as possible.
- Go to KIN Advising under [academic concession](#) and select “concession for in-term work” or “concession for final exam” (non-KIN students request academic concession through your home faculty).
- If approved KIN Advising will contact course instructor.
- A make-up exam can now be arranged.
  
- Academic concession is a privilege, not a right; do not assume you will be accommodated.

## **Copyright**

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