



UNIVERSITY OF CALGARY  
FACULTY OF SCIENCE  
DEPARTMENT OF BIOLOGICAL SCIENCES  
COURSE OUTLINE

1. **Course: BIOLOGY 305 - BIOLOGIE HUMAINE**

Lecture 01: L01 TR 11:00-12:15 ST 057 WINTER 2020

**Instructors:** Dr. Sylvain Bordenave & Dr. Thibault Allain

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**Phone:** 403-220-8573

**Office:** BI 455 **Hours:** By appointment

**Course Site:** D2L: BIOL 305 L01 (Winter 2020) - L'Organisme Humain

Note: Students must use their U of C account for all course correspondence.

Department of Biological Sciences BI 186 220-3140 [biosci@ucalgary.ca](mailto:biosci@ucalgary.ca)

2. **Requisites:**

See section [3.5.c](#) in the Faculty of Science section of the online Calendar.

**Prerequisite(s):**

3. **Grading:**

The University policy on grading and related matters is described in [F.1](#) and [F.2](#) of the online University Calendar. In determining the overall grade in the course the following weights will be used:

Component(s)	Weighting %	Date
Test	15%	February 06, 2020, regular class time
Midterm	20%	February 27, 2020, regular class time
Final exam	40%	To be scheduled by the registrar's office
Written assignment	10%	To be scheduled by teachers
Oral Presentation	10%	To be scheduled by teacher
Participation	5%	All year long

This course has a registrar scheduled final exam.

Each piece of work (test, assignments, Oral Presentation, midterm exam(s) or final examination) submitted by the student will be assigned a grade. The student's grade for each component listed above will be combined with the indicated weights to produce an overall percentage for the course, which will be used to determine the course letter grade.

The conversion between a percentage grade and letter grade is as follows.

Letter Grade	A+	A	A-	B+	B	B-	C+	C	C-	D+	D
Min. Percent Required	95%	85%	82%	79%	76%	72%	68%	64%	60%	55%	50%

4. **Missed Components Of Term Work:**

In the event that a student misses the midterm or any course work due to illness, supporting documentation, such as a medical note or a statutory declaration will be required (see [Section M.1](#); for more information regarding the use of statutory declaration/medical notes, see [FAQ](#)). Absences must be reported within 48 hours.

The regulations of the Faculty of Science pertaining to this matter are found in the Faculty of Science area of the Calendar in Section 3.6. It is the student's responsibility to familiarize themselves with these regulations. See also Section E.3 of the University Calendar.

5. **Scheduled Out-of-Class Activities:**

There are no scheduled out of class activities for this course.

6. **Course Materials:**

There are no additional course materials required for this course.

7. **Examination Policy:**

No aids are allowed on tests or examinations.

Students should also read the Calendar, Section G, on Examinations.

8. **Approved Mandatory And Optional Course Supplemental Fees:**

There are no mandatory or optional course supplemental fees for this course.

9. **Writing Across the Curriculum Statement:**

For all components of the course, in any written work, the quality of the student's writing (language, spelling, grammar, presentation etc.) can be a factor in the evaluation of the work. See also Section E.2 of the University Calendar.

10. **Human & Living Organism Studies Statements:**

Students will not participate as subjects or researchers in human studies.

See also [Section E.5](#) of the University Calendar.

**STUDIES IN THE BIOLOGICAL SCIENCES INVOLVE THE USE OF LIVING AND DEAD ORGANISMS.** Students taking laboratory and field based courses in these disciplines can expect involvement with the experimentation on such materials. Students perform dissections on dead or preserved organisms in some courses. In particular courses, students experiment on living organisms, their tissues, cells or molecules. Sometimes field work requires students to collect a variety of living materials by many methods, including humane trapping.

All work on humans and other animals conforms to the Helsinki Declaration and to the regulations of the Canadian Council on Animal Care. The Department strives for the highest ethical standards consistent with stewardship of the environment for organisms whose use is not governed by statutory authority. Individuals contemplating taking courses or majoring in one of the fields of study offered by the Department of Biological Sciences should ensure that they have fully considered these issues before enrolling. Students are advised to discuss any concerns they might have with the Undergraduate Program Director of the Department.

Students are expected to be familiar with [Section SC.4.1](#) of the University Calendar.

## 11. Reappraisal Of Grades:

A student wishing a reappraisal, should first attempt to review the graded work with the Course Coordinator/ Instructor or department offering the course. Students with sufficient academic grounds may request a reappraisal. Non-academic grounds are not relevant for grade reappraisals. Students should be aware that the grade being reappraised may be raised, lowered or remain the same. See Section I.3 of the University Calendar.

- a. **Term Work:** The student should present their rationale as effectively and as fully as possible to the Course coordinator/instructor within 15 days of either being notified about the mark, or of the item's return to the class. If the student is not satisfied with the outcome, the student shall immediately submit the Reappraisal of Graded Term work form to the department in which the course is offered. The department will arrange for a re-assessment of the work if, and only if, the student has sufficient academic grounds. See sections I.1 and I.2 of the University Calendar.
- b. **Final Exams:** The student shall submit the request to Enrolment Services. See Section I.3 of the University Calendar.

## 12. Other Important Information For Students:

- a. **Mental Health:** 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 resources available throughout the university community, such as counselling, self-help resources, peer support or skills-building available through the SU Wellness Centre (Room 30, MacEwan Student Centre, Mental Health Services Website) and the Campus Mental Health Strategy website (Mental Health).
- b. **SU Wellness Center:** The Students Union Wellness Centre provides health and wellness support for students including information and counselling on physical health, mental health and nutrition. For more information, see [www.ucalgary.ca/wellnesscentre](http://www.ucalgary.ca/wellnesscentre) or call 403-210-9355.
- c. **Sexual Violence:** The University of Calgary is committed to fostering a safe, productive learning environment. The Sexual Violence Policy (<https://www.ucalgary.ca/policies/files/policies/sexual-violence-policy.pdf>) is a fundamental element in creating and sustaining a safer campus environment for all community members. We understand that sexual violence can undermine students' academic success and we encourage students who have experienced some form of sexual misconduct to talk to someone about their experience, so they can get the support they need. The Sexual Violence Support Advocate, Carla Bertsch, can provide confidential support and information regarding sexual violence to all members of the university community. Carla can be reached by email ([svsa@ucalgary.ca](mailto:svsa@ucalgary.ca)) or phone at 403-220-2208 .
- d. **Misconduct:** Academic misconduct (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the University Calendar under Section K. Student Misconduct to inform yourself of definitions, processes and penalties. Examples of academic misconduct may include: submitting or presenting work as if it were the student's own work when it is not; submitting or presenting work in one course which has also been submitted in another course without the instructor's permission; collaborating in whole or in part without prior agreement of the instructor; borrowing experimental values from others without the instructor's approval; falsification/ fabrication of experimental values in a report. These are only examples.
- e. **Assembly Points:** In case of emergency during class time, be sure to FAMILIARIZE YOURSELF with the information on assembly points.
- f. **Academic Accommodation Policy:** Students needing an accommodation because of a disability or medical condition should contact Student Accessibility Services in accordance with the procedure for accommodations for students with disabilities available at [procedure-for-accommodations-for-students-with-disabilities.pdf](#).

Students needing an accommodation in relation to their coursework or to fulfill requirements for a graduate degree, based on a protected ground other than disability, should communicate this need, preferably in



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COURSE OUTLINE  
**BIOLOGY 305**  
**BIOLOGIE HUMAINE**

PROGRAMME DU COURS 2020  
BIOLOGY 305 L01 – Biologie Humaine

Ce programme vous donne la répartition approximative des heures de cours. Afin de pouvoir participer en classe, il est fortement conseillé de préalablement lire les pages du livre se rapportant au sujet du cours.

<b>DATE</b>	<b>SUJET</b>	<b>INSTRUCTOR</b>
Mardi 14 Janvier	Introduction et informations générales, le corps humain	Sylvain Bordenave
Jeudi 16 Janvier	La cellule et les tissus	Sylvain Bordenave
Mardi 21 Janvier	La peau et les membranes	Sylvain Bordenave
Jeudi 23 Janvier	Système osseux (présentation)	Sylvain Bordenave
Mardi 28 Janvier	Système osseux (cours)	Sylvain Bordenave
Jeudi 30 Janvier	Système nerveux (présentation)	Sylvain Bordenave
Mardi 04 Février	Système nerveux (cours)	Sylvain Bordenave
<b>Jeudi 06 Février</b>	<b>Test</b>	<b>Sylvain Bordenave</b>
Mardi 11 Février	Système digestif et métabolisme (présentation)	Thibault Allain
Jeudi 13 Février	Système digestif et métabolisme (cours)	Thibault Allain
<b>Mardi 18 Février</b>	<b>Semaine de lecture</b>	<b>NA</b>
<b>Jeudi 20 Février</b>	<b>Semaine de lecture</b>	<b>NA</b>
Mardi 25 Février	Système endocrinien (présentation et cours)	Sylvain Bordenave
<b>Jeudi 27 Février</b>	<b>Examen de mi-session</b>	<b>Thibault Allain</b>
Mardi 03 Mars	Système musculaire (présentation)	Sylvain Bordenave
Jeudi 05 Mars	Système musculaire (cours)	Sylvain Bordenave
Mardi 10 Mars	Système urinaire (présentation)	Thibault Allain
Jeudi 12 Mars	Système urinaire (cours)	Thibault Allain
Mardi 17 Mars	Système cardiovasculaire (présentation)	Thibault Allain
Jeudi 19 Mars	Système cardiovasculaire (présentation et cours)	Thibault Allain
Mardi 24 Mars	Système lymphatique et immunité (présentation)	Thibault Allain
Jeudi 26 Mars	Système lymphatique et immunité (cours)	Thibault Allain
Mardi 31 Mars	Les sens (présentation)	Thibault Allain
Jeudi 02 Avril	Les sens (cours)	Thibault Allain
Mardi 07 Avril	Le sang (présentation et cours)	Sylvain Bordenave (To be determined)
Jeudi 09 Avril	Système respiratoire (présentation et cours)	Thibault Allain
Mardi 14 Avril	Révisions	Sylvain Bordenave
<b>To be determined</b>	<b>Examen final</b>	<b>Thibault Allain</b>

COURSE/LEARNING OUTCOMES

Ce cours vous donnera une connaissance générale et compréhension de la structure et des fonctions des différents systèmes du corps humains. L'étude de la structure et de la fonction de chaque système vous permettra de comprendre comment l'organisme humain maintient l'équilibre de son milieu interne et réalise ses fonctions vitales.