



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

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

Lecture Sections: L01 TR 11:00-12:15 ST 063 WINTER 2018

Course Coordinator: Dr. Sylvain Bordenave

Instructor(s): **Dr. Sylvain Bordenave (saborden@ucalgary.ca)**

**Dr Thibault Allain (thibault.allain@ucalgary.ca)**

Desire 2 Learn (D2L) course name: BIOL 305 L01 (Winter 2018) - L'Organisme Humaine  
 Biological Sciences Department BI 186; (403) 220-3140; biosci@ucalgary.ca

2. **PREREQUISITE(S):** One of Biology 30 or 205 or 231

Note: Not open for credit to Majors and Minors in the Department of Biological Sciences or to Natural Sciences program students with a Concentration in Biological Sciences.

Note: Credit for Biology 305 and any of Kinesiology 259, 260, Zoology 269, 361, 363, 461 or 463 will not be allowed. See section 3.5.C in the Faculty of Science section of the online Calendar (<http://www.ucalgary.ca/pubs/calendar/current/sc-3-5.html>)

3. **Grading:** The University policy on grading and related matters is described sections F.1 and F.2 of the online University Calendar. In determining the overall grade in the course the following weights will be used:

Mark distribution: 15% Test, February 02, 2017, regular class time  
 20% Midterm, February 28, 2017, regular class time  
 40% Final exam, to be scheduled by the registrar's office  
 10% Written assignment, to be scheduled by teacher  
 10% Oral Presentation, to be scheduled by teacher  
 5% Participation

**NOTE: A passing grade in the final examination is essential if the student is to pass the course as a whole**

| Letter Grade          | A+ | A  | A- | B+ | B  | B- | C+ | C  | C- | D+ | D  |
|-----------------------|----|----|----|----|----|----|----|----|----|----|----|
| Min. Percent Required | 92 | 88 | 84 | 80 | 76 | 72 | 68 | 64 | 60 | 56 | 50 |

Each piece of work (assignment, presentation, midterm test or final examination) submitted by the student will be assigned a percentage score. The student's average percentage score for the various components 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.

4. **Missed Components of Term Work:** 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 himself/herself with these regulations. See also Section E.3 of the University Calendar.

5. **Course Materials:**

Required Text: Biologie Humaine, Elaine N. Marieb Editions Du Renouveau Pédagogique Inc., 2000.

6. **Examination Policy:** No calculator, no open book. Students should also read the Calendar, Section G, on Examinations.

7. **Writing across the curriculum statement:** In this course, the quality of the student's writing in the written assignment will be a factor in the evaluation of this assignment. See also Section E.2 of the University Calendar.

8. **Human studies statement:** students in the course will not participate as subjects or researchers. See also [Section E.5](#) of the University Calendar.

### ETHICS IN THE BIOLOGICAL SCIENCES

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 and 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 concern they might have with the Undergraduate Program Director of the Department.

### 9. OTHER IMPORTANT INFORMATION FOR STUDENTS:

- (a) **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.
- (b) **Assembly Points:** In case of emergency during class time, be sure to FAMILIARIZE YOURSELF with the information on [assembly points](#).
- (c) **Student Accommodations:** 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 [http://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities\\_0.pdf](http://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities_0.pdf).
- Students needing an Accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the Associate Head of Biological Sciences, Dr. H. Addy by email [addy@ucalgary.ca](mailto:addy@ucalgary.ca) or phone 403 220-3140.
- (d) **Safewalk:** Campus Security will escort individuals day or night (<http://www.ucalgary.ca/security/safewalk/>). Call 220-5333 for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.
- (e) **Freedom of Information and Privacy:** This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIPP). As one consequence, students should identify themselves on all written work by placing their name on the front page and their ID number on each subsequent page. For more information see also <http://www.ucalgary.ca/secretariat/privacy>.
- (f) **Student Union Information:** VP Academic Phone: 403 220-3911 Email: [suypaca@ucalgary.ca](mailto:suypaca@ucalgary.ca)  
SU Faculty Rep. Phone: 403 220-3913 Email: [science1@su.ucalgary.ca](mailto:science1@su.ucalgary.ca), [science2@su.ucalgary.ca](mailto:science2@su.ucalgary.ca) and [science3@su.ucalgary.ca](mailto:science3@su.ucalgary.ca);  
Student Ombuds Office: 403 220-6420 Email: [ombuds@ucalgary.ca](mailto:ombuds@ucalgary.ca); <http://ucalgary.ca/provost/students/ombuds>
- (g) **Internet and Electronic Device Information:** You can assume that in all classes that you attend, your cell phone should be turned off unless instructed otherwise. Also, communication with other individuals, via laptop computers, Blackberries or other devices connectable to the Internet is not allowed in class time unless specifically permitted by the instructor. If you violate this policy you may be asked to leave the classroom. Repeated abuse may result in a charge of misconduct.
- (h) **U.S.R.I.:** At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses ([www.ucalgary.ca/usri](http://www.ucalgary.ca/usri)). Your responses make a difference - please participate in USRI Surveys.

Department Approval \_\_\_\_\_ ORIGINAL SIGNED \_\_\_\_\_ Date \_\_\_\_\_

UNIVERSITY OF CALGARY  
DEPARTMENT OF BIOLOGICAL SCIENCES  
COURSE OUTLINE  
**BIOLOGY 305**  
**BIOLOGIE HUMAINE**

PROGRAMME DU COURS 2018  
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>  |
|-------------------------|---|
| Mardi 09 Janvier        | Introduction et informations générales, le corps humain |
| Jeudi 11 Janvier        | La cellule et les tissus                                |
| Mardi 16 Janvier        | La peau et les membranes                                |
| Jeudi 18 Janvier        | Système osseux (présentation)                           |
| Mardi 23 Janvier        | Système osseux (cours)                                  |
| Jeudi 25 Janvier        | Système nerveux (présentation)                          |
| Mardi 30 Janvier        | Système nerveux (cours)                                 |
| <b>Jeudi 01 Février</b> | <b>Test</b>   |
| Mardi 06 Février        | Système digestif et métabolisme (présentation)          |
| Jeudi 08 Février        | Système digestif et métabolisme (cours)                 |
| Mardi 13 Février        | Système urinaire (présentation)                         |
| Jeudi 15 Février        | Système urinaire (cours)                                |
| <b>Mardi 20 Février</b> | <b>Semaine de lecture</b>                               |
| <b>Jeudi 22 Février</b> | <b>Semaine de lecture</b>                               |
| Mardi 27 Février        | <b>Examen de mi-session</b>                             |
| Jeudi 01 Mars           | Système musculaire (présentation)                       |
| Mardi 06 Mars           | Système musculaire (cours)                              |
| Jeudi 08 Mars           | Les sens (présentation)                                 |
| Mardi 13 Mars           | Les sens (cours)  |
| Jeudi 15 Mars           | Système endocrinien (présentation et cours)             |
| Mardi 20 Mars           | Système cardiovasculaire (présentation)                 |
| Jeudi 22 Mars           | Système cardiovasculaire (présentation et cours)        |
| Mardi 27 Mars           | Le sang (présentation et cours)                         |
| Jeudi 29 Mars           | Système lymphatique et immunité (présentation)          |
| Mardi 03 Avril          | Système lymphatique et immunité (cours)                 |
| Jeudi 05 Avril          | Système respiratoire (présentation et cours)            |
| Mardi 10 Avril          | Système génital (présentation et cours)                 |
| Jeudi 12 Avril          | Discussion libre,/ révisions                            |

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.