



GENERAL BIOLOGY BIOL 202 01 Fall 2019
Department of Biology

General Information

Lecture time: Mon / Weds 4:15 – 5:30 pm

Location: SP S110 (Loyola)

Professor: Noa Davidai

Office: SP 375.35

Tel: 514-848-2424 ex 3395

Email: noa.davidai@concordia.ca (Please use BIOL202 as subject line)

Office hours: Wednesday 14:00-15:00

TA: Jennifer Junio ; jennifer.anne.junio@gmail.com

Course Description

This introductory biology course is designed for **non-science students** with little or no background in biology. The course topics expand from molecules to cells and from cells to organisms. Although students will be introduced to a range of living organisms, stronger focus will be placed on biology of vertebrates.

Note: This course may NOT be taken for credit by

1. students with CEGEP Biology 301, 101-NYA or BIOL 201
2. Students enrolled in BSc programs

Textbook: "What is life? A guide to biology with physiology" 4th Edition, by Jay Phelan WH Freeman with **Launchpad** (textbook online resource)

Attendance to all classes and active participation in all activities are strongly encouraged.

Evaluation:

Final grades will be determined based on the following weightings

Midterm	25%
Final exam	40%
Quizzes and Launchpad	15%
Mini-research project:	20%

The final exam will cover the entire course and will be held in the time slot scheduled by the University. Students with a valid reason for rescheduling the final exam must go through the examination office. **If you miss the midterm exam on account of a genuine reason for which you can provide a medical note, then the final exam will count for 65% of the final grade. There will be no make-up exams.**

Questions at the exams will be both in the form of multiple choice and short answer types. Bring your pencils, markers, pens and erasers. The use of electronic devices (calculators, electronic dictionaries, cell phones, iPads etc.) is not allowed.

The following scheme will be used to translate the numbers to letter grades;

Grades: A⁺ > or = 90, A 85-89.99, A⁻ 80-84.99, B⁺ 77-79.99, B 74-76.99, B⁻ 70-73.99, C⁺ 67-69.99, C 63-66.99, C⁻ 60-62.99, D⁺ 57-59.99, D 53-56.99, D⁻ 50-52.99, F < 50

In the event of extraordinary circumstances beyond the University's control, the content and/or evaluation scheme in this course is subject to change.

Moodle course management:

This course is intensively managed through the Moodle course web site. Please check Moodle regularly. Please make sure that the e-mail addresses in Moodle and My Concordia portal are up-to-date. Lecture notes and other relevant course materials will be posted to the Moodle course web site. Lecture notes will not contain all the information covered in the class. Some parts will be left out on purpose so that you can fill out the information by yourself. If you miss lectures, it is your responsibility to gather information from the textbook or from fellow students.

Online quizzes:

Online quizzes are administered through the Moodle course web site. Moodle can be accessed under My Concordia portal. Details will be announced during class.

Launchpad Assignments:

Each chapter covered in the course will have a series of practice questions that review the comprehension of that chapter's material. These assignments will be available through **Launchpad**, the textbook's online resource. All assignments will be made available in the first week of classes until Wednesday Dec 4. At that time, the assignments will no longer be available.

The goal of Launchpad assignments is to review the material. At the end of the semester, a participation grade will be assigned based on the level of completion of all Launchpad assignments.

******Instructions for registering for Launchpad can be found at the end of this document******

Mini Research Project:

You will use the scientific process to come up with an answer to a question that you have about biology. The assignment will involve a two-page written text and a bibliography. A document with full instructions can be found on Moodle.

Tentative Lecture Schedules

Date		Topics	Online quizzes	Research project
Sept 4	Wed	Overview of Biology, Ch 1 Scientific Thinking		<i>Suggested timeline</i>
Sept 9	Mon	Ch 1 Scientific Thinking	Q1	
Sept 11	Wed	Ch 1 Scientific Thinking		
Sept 16	Mon	Ch 2 Chemistry, DNE Deadline	Q2	
Sept 18	Wed	Ch 2 Chemistry		
Sept 23	Mon	Ch 2 Chemistry	Q3	Topic selection,
Sept 25	Wed	Ch 3 Cells		
Sept 30	Mon	Ch 3 Cells	Q4	
Oct 2	Wed	Ch 3 Cells		
Oct 7	Mon	Ch 3 Cells, Ch 4 Energy	Q5	Outline
Oct 9	Wed	Ch 4 Energy		
Oct 16	Wed	Ch 4 Energy	Q6	Draft stage 1
Oct 21	Mon	Ch 4 Energy, Ch 5 DNA & Gene Expression		
Oct 23	Wed	Mid-term exam		
Oct 28	Mon	Ch 5 DNA & Gene Expression	Q7	Draft stage 2
Oct 30	Wed	Ch 6 Chromosomes & Cell Division		
Nov 4	Mon	Ch 6 Chromosomes & Cell Division, DISC Deadline	Q8	
Nov 6	Wed	Ch 6 Chromosomes & Cell Division, Ch 7 Inheritance		
Nov 11	Mon	Ch 7 Inheritance	Q9	
Nov 13	Wed	Ch 7 Inheritance, Ch 8 Evolution		
Nov 18	Mon	Ch 8 Evolution	Q10	Project Due Nov.13
Nov 20	Wed	Ch 8 Evolution, Ch 10 Origin of Life on Earth		
Nov 25	Mon	Ch 10 Origin of Life on Earth	Q11	
Nov 27	Wed	Ch 11 Animal Diversification		
Dec 2	Mon	Ch 11 Animal Diversification, Ch 13 Microbes	Q12	
		Intro to Physiology, Circulatory and Respiratory Systems, Conservation Biology		

Important Dates:

Sept 3 Tues – Classes Begin

Sept 4 Weds– First BIOL 202 lecture

Sept 16 – DNE deadline

Oct 14 Mon – No classes – Thanksgiving Day

Oct 23 – Midterm Exam

Nov 4 – DISC deadline
Nov 13 – Research Project due
Dec 3 Tues – Last day of classes
Dec 5-19 – Final Exam period

Tutorial schedule (tentative):

Sept 19 (Thurs) 16:15-17:30
Oct 3 (Thurs) 16:15-17:30
Oct 17 (Thurs) 16:15-17:30
Nov 7 (Thurs) 16:15-17:30
Nov 28 (Thurs) 16:15-17:30

****Times and Locations to be finalized shortly****

Academic Integrity

The following statements are taken from The Academic Integrity Website (<http://www.concordia.ca/students/academic-integrity.html>).

“Plagiarism:

The most common offense under the Academic Code of Conduct is plagiarism which the Code defines as

"the presentation of the work of another person as one's own or without proper acknowledgement."

This could be material copied word for word from books, journals, internet sites, professor's course notes, etc. It could be material that is paraphrased but closely resembles the original source. It could be the work of a fellow student, for example, an answer on a quiz, data for a lab report, a paper or assignment completed by another student. It might be a paper purchased through one of the many available sources. Plagiarism does not refer to words alone - it can also refer to copying images, graphs, tables, and ideas. "Presentation" is not limited to written work. It also includes oral presentations, computer assignments and artistic works. Finally, if you translate the work of another person into French or English and do not cite the source, this is also plagiarism.

In Simple Words:

DO NOT COPY, PARAPHRASE OR TRANSLATE ANYTHING FROM ANYWHERE WITHOUT SAYING FROM WHERE YOU OBTAINED IT!”

If you are not sure how to paraphrase without plagiarizing, please refer to this example given by the

Academic Integrity information site: <http://www.concordia.ca/students/academic-integrity.html> .

LIST OF SERVICES

- **Academic & career support:** Student Success Centre
<http://www.concordia.ca/students/success.html>
- **Concordia Library:** <http://library.concordia.ca/>
- **Psychological support:** Concordia Counselling and Development <http://www.concordia.ca/offices/counselling-psychological-services.html>
- **Access Centre for Students with Disability:** <http://www.concordia.ca/offices/acsd.html>
- **Academic regulations:** Office of the Registrar
<http://www.concordia.ca/offices/registrar.html>
- **Student ID, tuition, transcript:** Birks Student Services
<http://www.concordia.ca/students/birks.html>
- **Student Advocacy:** <http://www.concordia.ca/offices/advocate-program.html>
Health Services <http://www.concordia.ca/students/health.html>

Registering for Launchpad:

Dear Students,

My online course is open for student registration. Follow these steps to get started. If you need additional guidance, consult the [support site](#), especially the system requirements which list recommended browsers.

Go to <https://www.macmillanhighered.com/launchpad/phelanphys4e/11726298>

Bookmark the page to make it easy to return to (although note that the URL will look different due to security measures).

Enroll in this course using one of the following options:

If you have an access code, select "I have a student access code", enter the code exactly as it appears on the card, and click Submit.

If you don't have an access code, either purchase a text package that includes one OR click "I want to purchase access" and follow the instructions.

If you need to start working but can't purchase right away, select "I want temporary access" and follow the instructions. Please note: Your grades are linked to your Launchpad account username

(email address). If you use temporary access, make sure you purchase or register your code using the same email address for your paid access.

If you have problems registering, purchasing, or logging in, please [contact Customer Support](#).

You can reach a representative 7 days a week:

- through the online form
- by chat
- by phone at (800) 936-6899

Looking forward to seeing you in class!

Noa Davidai

noa.davidai@concordia.ca

