



(9) Protein import into organelles  
Additional topics which will be covered time permitting.

## **SCHEDULE and MODE of DELIVERY**

In person. Monday and Wednesday from 11:30 till 12:30

Classes begin: September 5, 2024

Fall Reading Week: October 12 - 20, 2024

Classes end: December 6, 2024

Exam period: December 9 - 22, 2024

Although the intent is for this course to be delivered in person, should any university-declared emergency require some or all of the course to be delivered online, either synchronously or asynchronously, the course will adapt accordingly. The grading scheme will **not** change. Any assessments affected will be conducted online as determined by the course instructor.

## **GENERAL DESCRIPTION OF LEARNING EXPECTATIONS**

Learn about genetic concepts and approaches of genetic techniques and how they are used for problem solving

Have an understanding of similarities and differences of nuclear versus organellar genome structures

Regulation and molecular concepts of organellar processes and mechanism

Appreciate plants a bit more

## **COURSE MATERIAL**

All course material will be posted on Brightspace <https://westernu.brightspace.com/>. Any changes will be indicated on the website and discussed with the class. Lecture material and reading material will be posted prior to class time. The class is not recorded.

This is a list of recommended optional textbooks in case of need (available through library):

General: Lewin: Genes

Lodish et al.: Molecular Cell Biology

Organelles: Gillham: Organelle Genes and Genomes

Hopkins: Introduction to Plant Physiology

Plant Molecular Biology: Hughes  
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If students need assistance with the course OWL site, they can seek support on the OWL Brightspace Help page. Alternatively, they can contact the Western Technology Services Helpdesk. They can be contacted by phone at 519-661-3800 or ext. 83800.

[Google Chrome](#) or [Mozilla Firefox](#) are the preferred browsers to optimally use OWL; update your browsers frequently.

## **PARTICIPATION AND ENGAGEMENT**

Students are expected to participate and engage with content as much as possible.

## **IMPORTANT DATES**

Final exam: TBA

Midterm exam: planned for October; location: TBA.

## **METHODS OF EVALUATION**

Final exam: 55%

Midterm exam: 35%

Assignments (2): each 5%

### **Essential Learning Requirements:**

**You must pass at least one exam and submit one assignment on time to pass this course.**

**Exam format:** short answer questions.

**Assignments:** You will have one week for finishing an assignment. Each assignment is worth 5% of the final grade. If you submit all assignments on time, you will receive an extra 1%. Late submissions will be marked to provide feedback but will not be graded. You will have a 2-day grace period and then the percentages will be moved to the next exam. Details on the assignments (due dates, content, format etc.) will be provided through the course website. Assignments have to be submitted as paper copy (or in case of online teaching by email) **AND** through turnitin.com. Submission is only complete if **BOTH**, hardcopy and turnitin copy are on time! Submissions might be graded using Gradescope.

Missed midterms and final exams require accommodation.

One make-up test for the midterm will be offered OR the weight of a missed midterm will be transferred to the final. In the latter case both missed midterm and make-up will need accommodation.

One make-up test for the final will be offered. If a make-up assessment for the final exam is missed, the student will receive an INC and can complete the task the next time the course is offered. In the latter case both, missed final and make-up will need accommodation.

Exams are planned to be in person. IF exams are held online, virtual proctoring might be used. All assignments are due at 5 pm EST unless specified otherwise. Students are expected to submit each of the assignments on time. Should extenuating circumstances arise, students do not need to request Academic Consideration and they are permitted to submit their assignment up to 48 hrs past the deadline without a late penalty. Should students submit their



**Absences from Final Examinations:**

Academic Counselling Office as soon as you are able to do so. They will assess your eligibility to write the Special Exam (the name given by the university to a makeup Final Exam).

[http://www.registrar.uwo.ca/examinations/exam\\_schedule.html](http://www.registrar.uwo.ca/examinations/exam_schedule.html)).

The table below outlines the University-wide grade descriptors.

A+ 90-100

**Accommodation Policies**



