

UNIVERSITY OF CALGARY  
DEPARTMENT OF BIOLOGICAL SCIENCES  
COURSE INFORMATION SHEET

1. Course: PLANT BIOLOGY 633  
Lecture/Time/Session: L01 W 2:00-5:00 Fall 2016  
(course date and time will be adjusted to fit student schedules)

Course coordinator: Dr. D. Muench

Instructor: Dr. D. Muench BI 396 220-7935 dmuench@ucalgary.ca

2. Prerequisites: Consent of Department

3. Grading: The University policy on grading and related matters is described on pages 41-48 of the 2009-2010 Calendar. In determining the overall grade in the course the following weights will be used:

Oral presentations x 2	40%
Participation in discussion	10%
Paper critique	20%
Research Proposal	30%

There will not be a final examination scheduled by the Registrar.

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.6](#) of the University Calendar
5. Course Materials: *Lecture figures, assignments, papers, and other course material will be posted on D2L*
6. Writing across the curriculum statement: In this course, the quality of the student's writing in assignments will be a factor in the evaluation of those reports. See also [Section E.2](#) of the University Calendar.
7. OTHER IMPORTANT INFORMATION FOR STUDENTS:
- (a) 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

(f) <http://www.ucalgary.ca/secretariat/privacy>.

(g) **Student Union Information:** VP Academic Phone: 403 220-3911 Email: [suvpaca@ucalgary.ca](mailto:suvpaca@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>

(h) **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.

(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.

Departmental Approval:           ORIGINAL SIGNED           Date: \_\_\_\_\_

Departmental approval  
for no final exam:           ORIGINAL SIGNED           Date: \_\_\_\_\_

UNIVERSITY OF CALGARY  
DEPARTMENT OF BIOLOGICAL SCIENCES  
COURSE OUTLINE  
PLANT BIOLOGY 633  
CURRENT TOPICS IN PLANT BIOLOGY

TERM: Fall 2016 Section: 01  
PREREQUISITE: Consent of the Department  
INSTRUCTOR(S): Dr. D. Muench      BI397      220-7935      dmuench@ucalgary.ca  
LECTURES: Wednesday    14:00 – 16:50      BI 211  
(course date and time will be adjusted to fit student schedules)  
TEXT: Required: There is no assigned textbook.

MARK DISTRIBUTION: A. Composition of Final Grade

Oral presentations x 2	40%
Participation in discussion	10%
Paper critique	20%
Research Proposal	30%

B. Final Examination

There will not be a final examination in this course.

This course will involve discussions, readings, presentations and assignments related to current topics in the plant biology field. Topics will include genomics, biotechnology, biochemistry, cell biology, development and evolutionary biology of plants. There will be an emphasis on technological advances and application.

Upon completion of the course, students should have a broad understanding of the current methodologies and approaches used to study plants at the molecular, biochemical and cellular levels. They will have strengthened their ability to critically read high impact papers, present research data, discuss and debate important plant biology issues, and devise experiments to address research questions.

GRADING SCALE

Letter Grade	Cut-Off
A+	91+
A	86
A-	81
B+	78
B	74
B-	71
C+	68
C	64
C-	60
D+	55
D	50
F	<50