

UNIVERSITY OF CALGARY  
DEPARTMENT OF BIOLOGICAL SCIENCES  
COURSE OUTLINE

1. Course: **ECOLOGY 527 – ECOLOGY OF FISHES**

Lecture Sections:      **L01**                      MWF                      1500                      KNB 131    WINTER 2016

**Instructor(s):**      Dr. J.R. Post                      BI 262                      220-6937    jrpost@ucalgary.ca

D2L:      W2012ECOL527L01: ECOL 527 L01 – (Winter) - Ecology of Fishes  
Biological Sciences Department BI 186; (403) 220-3140; biosci@ucalgary.ca

2. **PREREQUISITES:** Biology 313, and one of Ecology 417 or Zoology 477.02  
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 in “Academic Regulations, sections F.1 and F.2” of the online University Calendar (<http://www.ucalgary.ca/pubs/calendar/current/f-1.html> and <http://www.ucalgary.ca/pubs/calendar/current/f-2.html>) In determining the overall grade in the course the following weights will be used:

Midterm Exam	(March 2, 2016 )	30%	In-Class
Term Paper	(Apr. 13, 2016)	20%	
Tutorials		10%	
Final Exam		40%	

There will be a final examination scheduled by the Registrar.

“Each piece of work (term paper, laboratory report, 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: <http://www.ucalgary.ca/pubs/calendar/current/sc-3-6.html>. It is the student's responsibility to familiarize himself/herself with these regulations. See also <http://www.ucalgary.ca/pubs/calendar/current/e-3.html>.
5. Dates and times of class exercises held outside of class hours      N/A

**REGULARLY SCHEDULED CLASSES HAVE PRECEDENCE OVER ANY OUT-OF-CLASS-TIME-ACTIVITY.** If you have a clash with this out-of-class-time-activity, please inform your instructor as soon as possible so that alternative arrangements may be made for you.

6. **EXAMINATION POLICY:** All examinations are closed book. The use of camera devices, MP3 Players and headphones, or wireless access devices such as cell phones, Blackberries, etc., during the examinations will not be allowed. Calculators are not allowed for this examination.  
Students should also read the Calendar, Section G, on Examinations: <http://www.ucalgary.ca/pubs/calendar/current/g.html>.
7. “In this course, the quality of the student’s writing in laboratory reports will be a factor in the evaluation of those reports. See also <http://www.ucalgary.ca/pubs/calendar/current/e-2.html>.”
8. **STUDIES IN THE BIOLOGICAL SCIENCES INVOLVE THE USE OF LIVING AND DEAD ORGANISMS.** See also <http://www.ucalgary.ca/pubs/calendar/current/e-5.html>
9. **OTHER IMPORTANT INFORMATION FOR STUDENTS:**

**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: [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>
- (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 \_\_\_\_\_

E527 W16; 20/11/2015 14:59

UNIVERSITY OF CALGARY  
DEPARTMENT OF BIOLOGICAL SCIENCES

COURSE OUTLINE

Ecology 527

ECOLOGY OF FISHES

TERM: Winter 2016 SECTION NO: 01

PREREQUISITE(S): Biology 313, and one of Ecology 417 or Zoology 477.02

Students may not register in a course unless they have a grade of at least C- in each prerequisite course.

COURSE COORDINATOR: Dr. J.R. Post

LECTURER: Dr. J.R. Post

LECTURES: L01 M W F 1500 KNB 131

TUTORIALS: T 13:00 ENA 235  
T 14:00 ENA 235

MARK DISTRIBUTION: A. Composition of Final Grade

Midterm Exam	(March 2, 2016)	30%
Term Paper	(Apr. 13, 2016)	20%
Tutorials		10%
Final Exam		40%

B. Final Exam

There will be a final examination scheduled by the Registrar's Office.

C. Components of course for which a passing grade is essential

N/A

GRADING SCALE:

A+	95 %
A	86 %
A-	80 %
B+	77 %
B	73 %
B-	70 %
C+	67 %
C	63 %
C-	60 %
D+	55 %
D	50 %
F	<50%

## Ecology 527 Lecture Schedule

January	11-20	Systematics, Evolution and Zoogeography
	22-1	Functional Design and Behaviour
February	3-12	Energetics and Growth
	15-19	Reading Days
	22-26	Reproduction, Life History and Recruitment
April/March	29-21	Recruitment and Population Dynamics
	23-25	Food Webs
March/April	28-13	Fisheries Ecology and Management

## Tutorial Schedule

January	19	Introduction
	26	Papers
February	2	Papers
	9	Bioenergetics Computer Lab
	16	Reading Week
	23	Bioenergetics Computer Lab
March	1	Stock Assessment Computer Lab
	8	Stock Assessment Computer Lab
	15	Population Dynamics Computer Lab
	22	Population Dynamics Computer Lab
	29	Student Talks
April	5	Student Talks
	12	Student Talks