

BIOLOGY 248
Topics in Organismal Biology
Section A01 2019 CRN 10347

Lecture: CUN 146
 Tue, Wed, & Fri 11:30 – 12:20

Instructors: Please arrange one-on-one conversations with an instructor by email

Dr. Louise R. Page (course coordinator)	lpage@uvic.ca	PETCH 009
Dr. Geraldine Allen	gallen@uvic.ca	CUN 218b
Dr. David Punzalan	davidpunzalan@uvic.ca	PETCH 007

Course Content:

Biol 248 was created to provide a link between information about whole organisms given in Biol 184/6 and the more in depth treatment of this area provided by 300 level Biology courses. The instructors of Biol 248 will show how studies beginning at the level of the whole organism have opened the door to a host of intriguing hypotheses and discoveries, which have been investigated further using experimental tools of molecular & cell biology, ethology, physiology, and other disciplines. The course will also aim to show how insights from studies of whole organisms have, in turn, contributed to an understanding of evolutionary processes and ecological systems.

The course will bring together diverse expertise from multiple individuals within the Biology Department. Three instructors will each give a block of lectures in an area related to their research interests. Each instructor will provide appropriate background for topics they cover and will introduce students to methodology, results, and interpretation of studies from the primary scientific literature.

Information Resources:

- There is no textbook for Biol 248
- Selected PowerPoint slides or other notes from the lectures will be posted on **CourseSpaces**. However, students are responsible for ALL material given in lecture and some of this may not be posted on CourseSpaces.
- To access the CourseSpaces website for Biol 248 do the following:
 - Go to the UVic Course Spaces site (<http://www.coursespaces.uvic.ca>)
 - Click on (Log in) at upper right corner of displayed page.
 - Enter your NetLink ID and Password and press ‘Sign in’
 - Scroll down the displayed page and select 201909 Biol 248 A01 (10347)

Drop/Add Deadlines:

You must not assume that you will be dropped automatically from a course that you do not attend.

- **Tue. Sep. 17, 2019.** Last day for 100% reduction of tuition fee for a dropped course.
- **Fri. Sep. 20, 2019.** Last day for adding a course. After this date, course additions must be done by a Course Change Form that must be accompanied by a signed note from the course coordinator indicating that the student has been attending the class since before the course addition deadline.
- **Tue. Oct. 8, 2019.** Last day for 50% reduction of tuition fee for a dropped course.
- **Thu. Oct. 31, 2019.** Last day for dropping a course without penalty of failure.

Term Paper

An important component of Biol 248 will be the opportunity to write a scientific essay on a topic relating to organismal biology, which will be worth 25% of your final grade. This project will lead you into published scientific literature in a research area in Biology and will encourage you to critically analyze data and controversies relating to that topic. You will choose one of 6 topics provided by your instructors. Number of available sign-up slots for each topic will be limited (maximum of 4 sign-up slots per topic). Topics will be posted on the Biol 248 site of CourseSpaces on Fri Sep 6, 2019. Sign-up for a topic will occur in person on a first come basis on **Mon Sep 16, 2019 from 8am to 10am in Petch 009**. If you do not sign-up for a topic during that time, you can do so afterward by contacting Dr. Louise Page directly (lpage@uvic.ca or Petch 009). Please come to the sign-up with a ranked list of several topics, because available slots for your preferred topic may have been filled before you get to the front of the line. Due date for submission of essays will be **Tue Nov 05, 2019 at 11:30 am (the start of lecture)**. Please submit essays as both a hard copy and a digital copy. The digital copy should be sent as a Word (.docx) document attached to an email of the Instructor that assigned the essay topic.

Penalty for a late essay: 10% per day beginning on Tue Nov 05, 2019 after 11:30 am. Late submissions on the weekend can be sent as an email attachment to the appropriate Instructor but an identical hard copy must be submitted to that Instructor on the following Monday.

Assessment of Performance:

Performance will be assessed on the basis of three exams and the term paper. Exams #1 & 2 will be scheduled during regular lecture time slots; exam #3 will be scheduled during the final exam period.

Exam #1: Tue Oct 01, 2019; Page lectures #1-10.....	22%
Exam #2: Tue Oct 29, 2019; Page lectures #11-13 + Allen lectures #1-8.....	24%
Exam #3: final exam period; Page symbiosis & chemical ecology lectures + Punzalan lectures #1-8.....	29%
Term Paper (due Tue Nov 05, 2019 @ 11:30 am).....	25%

September

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4 Course Intro Meet Instructors Web of Science	5	6 Page #1	7
8	9	10 Page #2	11 Page #3	12	13 Page #4	14
15	16 ESSAY SIGN-UP PCH 009 8-10am	17 Page #5	18 Page #6	19	20 Page #7	21
22	23	24 Page #8	25 Page #9	26	27 Page #10	28
29	30					

October

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 EXAM #1 (PAGE #1-10)	2 Page #11	3	4 Page #12	5
6	7 Thanksgiving	8 Page #13	9 Allen #1	10	11 Allen #2	12
13	14	15 Allen #3	16 Allen #4	17	18 Allen #5	19
20	21	22 Allen #6	23 Allen #7	24	25 Allen #8	26
27	28	29 EXAM #2 PAGE #11-13 ALLEN #1-8	30 Page Symbiosis-I	31		

November

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Page Symbiosis-II	2
3	4	5 Page Symbiosis-III TERM PAPER DUE	6 Page Chemical Ecology	7	8 Page Chemical Ecology	9
10	11 READING BREAK	12 READING BREAK	13 READING BREAK	14	15 Punzalan #1	16
17	18	19 Punzalan #2	20 Punzalan #3	21	22 Punzalan #4	23
24	25	26 Punzalan #5	27 Punzalan #6	28	29 Punzalan #7	30

December

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 Punzalan #8	4 Remembrance Ceremony Class Cancelled			2

Exam #3 during Final exam period (Page – symbiosis & chemical ecology + Punzalan #1-8)

Students with special needs will be welcomed and accommodated, provided those needs are registered through the Centre for Accessible Learning <https://uvic.ca/services/cal> (Campus Services Building, rm 150; phone 250-472-4947)

The University of Victoria accepts three types of valid excuses for missed exams or assignments on the date the exam occurred or the assignment was due:

- illness
- emotional trauma
- UVic-sponsored sporting activities

Requests for academic concession must be accompanied by valid documentation from a medical doctor, UVic Counseling Services, or a member of the UVic coaching staff.

If exams #1 or #2 are missed (with valid excuse), the final grade will be calculated by proportional averaging of all other grades. If exam #3 is missed (with valid excuse), arrangements must be made to: 1) write the exam before the end of the December exam period, or 2) request an Academic Concession in order to write the exam at a later date.

Final exams for the Faculty of Science, Fall term 2019, extend from Sat December 7th to Sat December 21st, inclusive. Exam #3 in Biol 248 will be scheduled during this final exam period and will not be rescheduled for those who make travel plans that conflict with the scheduling of exam #3.

Course Grade and Academic Transcript: Grades for all UVic courses are submitted as percentiles. A student's academic transcript will include the percentile grade and a letter grade plus the class average and the number of students registered in the course at the time of the final exam. Percentiles will be rounded to the nearest whole number; a grade of xx.5 will be rounded up. Percentile grades will be converted to letter grades on the student's academic transcript according to the table given below.

A+	90 – 100%	B+	77 – 79%	C+	65 – 69%
A	85 – 89%	B	73 – 76%	C	60 – 64%
A-	80 – 84%	B-	70 – 72%	D	50 – 59%

F (Fail) is a grade less than 50%
No supplemental exams will be offered for this course