

Introduction

The Zoology Course Union (ZOOCU) holds numerous events throughout the school year, including socials, field trips, and academic seminars. ZOOCU is here to listen to your input and suggestions regarding courses and student activities. How does one get involved? Anyone taking a biology or zoology course is already a member. Stop by RW 108 and check out ZOOCU!

ZOOCU Executive

**BIO 150Y1Y Organisms in their Environment**

Instructor(s): L. Rowe; S. Barrett

Enr: n/a	Resp: 1469						Retake: 77%	
	1	2	3	4	5	6	7	Mean
<u>Rowe:</u>								
Presents	0	0	1	6	24	42	25	5.8
Explains	0	0	1	5	20	42	29	5.9
Communicates	0	0	2	8	23	37	26	5.7
Teaching	0	0	1	7	22	43	24	5.8
<u>Barrett:</u>								
Presents	0	0	1	5	17	42	29	5.9
Explains	0	0	2	10	25	38	22	5.6
Communicates	0	0	2	7	16	30	41	6.0
Teaching	0	0	1	8	22	39	26	5.8
<u>Course:</u>								
Workload	0	1	8	61	16	8	2	4.3
Difficulty	0	0	5	54	27	10	2	4.5
Learn Exp	1	1	3	26	30	27	10	5.1

Both instructors were very good lecturers. The material was interesting and presented in an organized fashion. The tests were fairly difficult.

Instructor(s): A. Agrawal; H. Cyr

Enr: 1808	Resp: 1424						Retake: 68%	
	1	2	3	4	5	6	7	Mean
<u>Agrawal:</u>								
Presents	0	0	1	10	26	40	18	5.6
Explains	0	0	2	9	26	40	19	5.6
Communicates	0	0	1	5	16	35	40	6.0
Teaching	1	0	2	11	25	38	20	5.6
<u>Cyr:</u>								
Presents	0	0	2	13	31	36	15	5.5
Explains	0	0	2	14	32	38	11	5.4
Communicates	1	1	4	17	32	30	11	5.2
Teaching	0	0	3	14	35	33	11	5.3
<u>Course:</u>								
Workload	0	2	11	59	16	6	2	4.2
Difficulty	0	1	7	54	20	11	4	4.4
Learn Exp	2	1	5	33	29	19	8	4.8

Agrawal communicated enthusiasm in the course material and was well-organized and effective. Students found it helpful when Agrawal went over the required readings.

Cyr was informative, well-organized, helpful and attended to students' questions well. Students found it helpful that she included slides in the course package. Sometimes her lectures were rushed at the end.

Students would have liked more tutorial time. They felt that both instructors did a great job handling such a large class. Student opinion on the course material was split - some really enjoyed the material and thought it was a great 1st year class, while others expected something different.

Instructor(s): R. Jefferies

Enr: 1808	Resp: 1465						Retake: 68%	
	1	2	3	4	5	6	7	Mean
Presents	0	2	6	20	32	26	10	5.0
Explains	1	1	5	19	28	29	13	5.1
Communicates	4	4	11	25	28	17	7	4.5

Teaching	1	1	5	21	31	26	11	5.1
Workload	0	1	7	60	19	7	2	4.3
Difficulty	0	1	4	54	25	11	3	4.5
Learn Exp	2	1	5	41	25	16	6	4.6

Students felt that Jefferies' section was interesting, but difficult. Jefferies presented the material clearly and took his time explaining concepts; although some students interpreted his slow pace as a lack of enthusiasm. He effectively attended to students' questions and his extra help sessions were appreciated.

**BIO 303Y1Y Tropical Ecology and Evolution**

Instructor(s): J. Rising; S. Barrett

Enr: 23	Resp: 8						Retake: 100%	
	1	2	3	4	5	6	7	Mean
<u>Rising:</u>								
Presents	0	0	0	0	42	42	14	5.7
Explains	0	0	0	0	14	57	28	6.1
Communicates	0	0	0	0	0	12	87	6.9
Teaching	0	0	0	0	0	62	37	6.4
<u>Barrett:</u>								
Presents	0	0	0	0	25	25	50	6.2
Explains	0	0	0	0	12	25	62	6.5
Communicates	0	0	0	0	0	12	87	6.9
Teaching	0	12	0	0	12	12	62	6.0
<u>Course:</u>								
Workload	0	0	0	75	12	0	12	4.5
Difficulty	0	0	0	75	25	0	0	4.2
Learn Exp	0	0	0	0	50	16	33	5.8

Rising was very approachable, knowledgeable and helpful. Barrett was also approachable and demonstrated an intimate knowledge of his field. The two instructors were excellent travel companions.

Students felt the individual projects were stressful - more time should have been spent considering the possible projects prior to the trip. Some students felt the course (mark breakdown) itself was a little disorganized.

Instructor(s): C. Darling; M. Engstrom

Enr: 23	Resp: 12						Retake: 83%	
	1	2	3	4	5	6	7	Mean
<u>Darling:</u>								
Presents	0	0	8	8	25	41	16	5.5
Explains	0	0	0	8	8	58	25	6.0
Communicates	0	0	0	0	16	41	41	6.2
Teaching	0	0	0	16	25	41	16	5.6
<u>Engstrom:</u>								
Presents	0	0	8	0	50	16	25	5.5
Explains	0	0	0	8	25	41	25	5.8
Communicates	0	0	0	0	8	50	41	6.3
Teaching	0	0	0	0	25	50	25	6.0
<u>Course:</u>								
Workload	0	0	0	75	12	0	12	4.5
Difficulty	0	0	0	75	25	0	0	4.2
Learn Exp	0	0	0	0	50	16	33	5.8

Darling was helpful, approachable, somewhat wacky and a technical whiz!

Engstrom was very knowledgeable, approachable, attentive, patient and generous with his time.

Students felt this field course provided an invaluable learning experience.

**BIO 319H1S Population Ecology**

Instructor(s): H. Rodd; H. Cyr

Enr: 34	Resp: 28						Retake: 64%	
	1	2	3	4	5	6	7	Mean
<u>Rodd:</u>								
Presents	0	3	10	32	32	14	7	4.6
Explains	0	0	0	29	40	14	14	5.1

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Communicates	0	0	11	11	18	33	25	5.5
Teaching	0	0	0	17	32	39	10	5.4
<u>Cyr:</u>								
Presents	0	0	0	7	14	35	42	6.1
Explains	0	0	7	7	18	44	22	5.7
Communicates	0	0	0	3	28	46	21	5.9
Teaching	0	0	3	14	14	53	14	5.6
<u>Course:</u>								
Workload	0	0	0	17	32	28	21	5.5
Difficulty	0	0	0	64	28	7	0	4.4
Learn Exp	0	4	8	36	24	16	12	4.8

This was a very interesting course but the workload was very high, especially during the labs.

Rodd was approachable and always available for extra help. Cyr was a very good lecturer and made concepts very easy to understand.

### BIO 321H1F Community Ecology

Instructor(s): A. Agrawal; D. Jackson

	Enr: 31							Mean
	1	2	3	4	5	6	7	
	Resp: 25							Retake: 44%
<u>Agrawal:</u>								
Presents	0	0	0	0	32	40	28	6.0
Explains	0	0	0	4	33	37	25	5.8
Communicates	0	0	0	0	12	28	60	6.5
Teaching	0	0	0	4	20	44	32	6.0
<u>Jackson:</u>								
Presents	0	0	16	25	20	33	4	4.8
Explains	0	8	0	25	33	29	4	4.9
Communicates	0	0	0	20	37	33	8	5.9
Teaching	0	0	12	25	25	29	8	5.0
<u>Course:</u>								
Workload	0	0	0	4	16	33	45	6.2
Difficulty	0	0	0	20	29	41	8	5.4
Learn Exp	0	0	9	31	27	22	9	4.9

Students generally found Agrawal to be an enthusiastic, organized and helpful lecturer.

Some students felt that Jackson's lectures were slow and difficult to follow. Many considered the work load too heavy and very end of term heavy. However, most agreed that the course material was interesting.

### BIO 323H1F Evolution

Instructor(s): J. Rising

	Enr: 152							Mean
	1	2	3	4	5	6	7	
	Resp: 116							Retake: 73%
Presents	0	8	10	39	30	6	4	4.3
Explains	0	2	7	32	28	19	7	4.8
Communicates	0	1	0	15	38	33	11	5.4
Teaching	1	0	2	21	39	24	9	5.1
Workload	0	4	34	55	3	0	0	3.6
Difficulty	0	2	23	59	7	5	0	3.9
Learn Exp	1	1	7	53	28	5	2	4.3

Many found the test questions to be ambiguous and felt that grading was arbitrary and could have benefitted from more feedback.

### BIO 324H1S Evolutionary Ecology

Instructor(s): L. Rowe; H. Rodd

	Enr: 89							Mean
	1	2	3	4	5	6	7	
	Resp: 61							Retake: 57%
<u>Rowe:</u>								
Presents	0	0	11	23	30	22	11	5.0
Explains	0	0	0	13	25	42	18	5.7
Communicates	0	0	0	5	30	44	20	5.8
Teaching	0	0	0	8	28	47	15	5.7
<u>Rodd:</u>								
Presents	0	1	13	23	20	28	13	5.0
Explains	0	1	5	18	30	28	16	5.3

Communicates	1	0	5	13	25	33	20	5.4
Teaching	0	1	1	20	28	35	11	5.3
<u>Course:</u>								
Workload	0	0	8	69	15	6	0	4.2
Difficulty	0	0	5	80	13	1	0	4.1
Learn Exp	0	2	8	48	21	14	4	4.5

Overall, this course was satisfactory, it required some attention in the organizations of the content. Students recommended that notes be available in the library. The tutorials were useless.

Rowe lectured at a good pace that let students easily take notes. Rodd provided time for her students outside of class.

### BIO 460H1F Molecular Evolution

Instructor(s): A. Baker/ D. Irwin

	Enr: 14							Mean
	1	2	3	4	5	6	7	
	Resp: 14							Retake: 90%
<u>Baker:</u>								
Presents	0	0	0	7	21	14	57	6.2
Explains	0	0	7	7	14	42	28	5.8
Communicates	0	0	0	0	7	42	50	6.4
Teaching	0	0	0	0	7	64	28	6.2
<u>Irwin:</u>								
Presents	0	0	14	0	28	14	42	5.7
Explains	0	0	7	0	35	42	14	5.6
Communicates	0	0	0	7	7	35	50	6.3
Teaching	0	0	7	0	7	71	14	5.9
<u>Course:</u>								
Workload	7	0	7	64	14	7	0	4.0
Difficulty	0	7	7	42	35	7	0	4.3
Learn Exp	0	0	0	22	22	33	22	5.6

The workload was quite concentrated and the instructors were enthusiastic and taught well.

### BIO 469H1F Limnology

Instructor(s): H. Cyr; A. Zimmerman

	Enr: 12							Mean
	1	2	3	4	5	6	7	
	Resp: 12							Retake: 58%
<u>Cyr:</u>								
Presents	0	0	8	0	8	66	16	5.8
Explains	0	0	8	16	16	41	16	5.4
Communicates	0	0	0	0	0	50	50	6.5
Teaching	0	0	8	0	25	50	16	5.7
<u>Zimmerman:</u>								
Presents	0	0	16	8	16	50	8	5.2
Explains	0	0	8	8	33	25	25	5.5
Communicates	0	0	0	0	0	50	50	6.5
Teaching	0	0	0	9	27	54	9	5.6
<u>Course:</u>								
Workload	0	0	0	16	41	16	25	5.5
Difficulty	0	0	0	33	41	16	8	5.0
Learn Exp	10	0	0	10	40	30	10	5.0

### BIO 482Y1Y Topics in Developmental Biology

Instructor(s): E. Larsen; R. Winklbauer

	Enr: 8							Mean
	1	2	3	4	5	6	7	
	Resp: 8							Retake: 75%
<u>Larsen:</u>								
Presents	0	0	0	25	25	12	37	5.6
Explains	0	0	0	12	25	12	50	6.0
Communicates	0	0	0	12	0	0	87	6.6
Teaching	0	0	0	0	12	37	50	6.4
<u>Winklbauer:</u>								
Presents	0	0	0	25	25	12	37	5.6
Explains	0	0	0	0	28	14	57	6.3
Communicates	0	0	0	12	0	0	87	6.6
Teaching	0	0	0	0	12	37	50	6.4

<u>Course:</u>								
Workload	0	0	25	50	12	12	0	4.1
Difficulty	0	0	0	25	50	25	0	5.0
Learn Exp	0	0	0	33	0	33	33	5.7

This course was a good learning experience. Questions and answer sessions and discussions were helpful. There was much freedom with how students were to be evaluated.

**BIO 494Y1Y Seminar in Evolutionary Biology**

Instructor(s): D. Brooks; L. Rowe

Enr: 9	Resp: 9							Retake: 66%
	1	2	3	4	5	6	7	Mean
<u>Brooks:</u>								
Presents	0	0	33	33	22	11	0	4.1
Explains	0	12	37	12	37	0	0	3.8
Communicates	0	0	0	0	62	37	0	5.4
Teaching	0	0	44	33	0	22	0	4.0
<u>Rowe:</u>								
Presents	0	0	0	25	50	25	0	5.0
Explains	0	0	0	22	33	22	22	5.4
Communicates	0	0	0	11	22	66	0	5.6
Teaching	0	0	0	0	22	55	22	6.0
<u>Course:</u>								
Workload	0	0	11	33	44	11	0	4.6
Difficulty	0	0	0	55	33	11	0	4.6
Learn Exp	0	0	0	22	33	33	11	5.3

Rowe was always willing to help students. Brooks was domineering to the point of preventing student discussion, did not provide and guidance about the writing assignments, was too critical of students, and didn't hold office hours.

Instructor(s): D. Currie; J. Rising

Enr: 9	Resp: 9							Retake: 87%
	1	2	3	4	5	6	7	Mean
<u>Currie:</u>								
Presents	0	0	0	0	33	55	0	5.4
Explains	0	0	0	11	22	55	11	5.7
Communicates	0	0	0	0	11	44	44	6.3
Teaching	0	0	0	0	14	71	14	6.0
<u>Rising:</u>								
Presents	0	0	0	37	37	25	0	4.9
Explains	0	0	0	25	37	37	0	5.1
Communicates	0	0	0	22	0	77	0	5.6
Teaching	0	0	0	14	14	71	0	5.6
<u>Course:</u>								
Workload	0	0	0	66	22	11	0	4.4
Difficulty	0	0	0	77	22	0	0	4.2
Learn Exp	0	0	12	12	25	12	37	5.5

Currie was very enthusiastic and explained goals and concepts clearly. However, his section was difficult, especially if you did not have a solid background in Macroevolution.

Rising was an enthusiastic and helpful instructor. However, he did not stimulate a lot of class discussion. This section of the course was easy, in terms of the material being learned.

**BIO 496Y1Y Seminar in Behaviour and Behaviour Ecology**

Instructor(s): J. Thaler; J. Thomson

Enr: 12	Resp: 10							Retake: 70%
	1	2	3	4	5	6	7	Mean
<u>Thaler:</u>								
Presents	0	0	0	10	10	40	40	6.1
Explains	0	0	0	10	30	20	40	5.9
Communicates	0	0	0	10	20	40	30	5.9
Teaching	0	0	0	0	10	50	40	6.3
<u>Thomson:</u>								
Presents	0	0	0	10	20	30	40	6.0

Explains	0	0	0	0	10	40	50	6.4
Communicates	0	0	0	0	11	44	44	6.3
Teaching	0	0	0	0	0	50	50	6.5
<u>Course:</u>								
Workload	0	0	0	30	50	20	0	4.9
Difficulty	0	0	0	50	40	10	0	4.6
Learn Exp	0	0	0	22	22	44	11	5.4

Thomson and Thaler were very good instructors, especially when they taught critical thinking.

Instructor(s): H. Rodd; M.J. Fortin

Enr: 11	Resp: 11							Retake: 90%
	1	2	3	4	5	6	7	Mean
<u>Rodd:</u>								
Presents	0	0	0	0	40	30	30	5.9
Explains	0	0	0	0	27	36	36	6.1
Communicates	0	0	0	0	9	27	63	6.5
Teaching	0	0	0	0	18	27	54	6.4
<u>Fortin:</u>								
Presents	0	0	0	20	30	10	40	5.7
Explains	0	0	0	9	18	36	36	6.0
Communicates	0	0	9	0	9	27	54	6.2
Teaching	0	0	0	9	36	18	36	5.8
<u>Course:</u>								
Workload	0	0	0	45	54	0	0	4.5
Difficulty	0	0	9	63	18	0	9	4.4
Learn Exp	0	0	0	10	20	30	40	6.0

This was an interesting course. Rodd was very approachable, enthusiastic and knowledgeable. The critiques were very helpful and promoted discussion.

Fortin was enthusiastic and knowledgeable, and explained her intentions clearly and provided unique help tactics for stats.

Overall, a great course!

**ZOO 200Y1Y Aspects of Human Biology**

Instructor(s): J. Rising; M. Barrett

Enr: 148	Resp: 82							Retake: 74%
	1	2	3	4	5	6	7	Mean
<u>Rising:</u>								
Presents	1	0	2	19	35	32	17	5.2
Explains	1	0	5	22	29	36	5	5.1
Communicates	0	3	5	13	25	40	11	5.3
Teaching	1	1	2	12	40	38	4	5.2
<u>Barrett:</u>								
Presents	0	2	0	22	31	34	8	5.2
Explains	0	2	3	16	33	38	5	5.2
Communicates	0	1	2	15	16	43	21	5.6
Teaching	0	1	3	12	35	36	10	5.3
<u>Course:</u>								
Workload	1	4	24	62	4	1	0	3.7
Difficulty	2	1	11	58	20	5	1	4.1
Learn Exp	3	1	5	45	33	5	6	4.4

Many students felt that the material was far too difficult for non-science students; although the material was often interesting.

Instructor(s): H. Harvey

Enr: 133	Resp: 92							Retake: 61%
	1	2	3	4	5	6	7	Mean
Presents	1	2	3	20	32	34	5	5.1
Explains	0	2	4	12	30	38	11	5.3
Communicates	1	1	3	19	17	40	17	5.4
Teaching	0	1	2	17	30	42	5	5.3
Workload	0	2	25	54	13	4	0	3.9
Difficulty	0	1	15	50	22	10	1	4.3
Learn Exp	0	0	10	39	30	13	6	4.7

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Harvey was very knowledgeable, and had a lot of compassion for the students. The material was very interesting, if somewhat challenging at times (especially for non-science students).

### ZOO 252Y1Y Introductory Animal Physiology

Instructor(s): D. Lovejoy; J.J.B. Smith

Enr: 150                      Resp: 109                      Retake: 83%

	1	2	3	4	5	6	7	Mean
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Lovejoy:

Presents	0	0	1	9	25	41	20	5.7
Explains	0	0	0	6	26	47	18	5.8
Communicates	0	0	0	0	14	47	37	6.2
Teaching	0	0	0	5	20	49	25	5.9

Smith:

Presents	0	0	0	9	23	40	25	5.8
Explains	0	0	4	7	31	39	14	5.5
Communicates	0	0	1	4	20	48	24	5.9
Teaching	0	0	0	9	23	44	20	5.7

Course:

Workload	0	0	0	32	40	18	7	5.0
Difficulty	0	0	1	39	31	22	4	4.9
Learn Exp	0	0	1	26	39	22	9	5.1

Students felt the material was very interesting and that Lovejoy was very enthusiastic and approachable. Sometimes the pace in lectures was too quick for students to follow. Students would have liked better organization - with lecture notes being available before class. Lovejoy clearly outlined his expectations for the course.

Smith was a very helpful and enthusiastic instructor. The supplementary lecture notes were very helpful.

Instructor(s): M. Barrett; R. Stephenson

Enr: 150                      Resp: 56                      Retake: 64%

	1	2	3	4	5	6	7	Mean
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Barrett:

Presents	3	3	5	11	29	31	14	5.1
Explains	1	3	7	5	29	37	14	5.3
Communicates	0	0	1	5	22	35	35	6.0
Teaching	0	0	7	9	35	29	18	5.4

Stephenson:

Presents	1	1	1	20	33	26	13	5.2
Explains	1	0	1	16	26	35	16	5.4
Communicates	0	3	7	13	34	21	19	5.2
Teaching	0	0	5	11	41	26	15	5.3

Course:

Workload	0	0	0	37	33	24	3	4.9
Difficulty	0	0	0	32	45	20	1	4.9
Learn Exp	0	0	4	27	39	18	9	5.0

Barrett's lectures were interesting. However, it was generally thought that he should work on his presentation of the material (i.e. use bigger slides and speak more slowly).

Although the material Stephenson presented was somewhat interesting, students found that there were too many slides online that were not explained in lecture. This made it confusing to know what would be on the exam.

The labs were very frustrating, as many of the TAs were difficult markers, leaving little or no indication as to where and how students could improve.

Instructor(s): R. Stephenson; M. Barrett

Enr: 150                      Resp: 82                      Retake: 73%

	1	2	3	4	5	6	7	Mean
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Stephenson:

Presents	0	0	3	19	41	23	12	5.2
Explains	0	0	0	15	41	27	15	5.4
Communicates	0	2	1	19	24	33	19	5.4
Teaching	0	0	0	19	33	32	14	5.4

### Barrett:

Presents	0	0	4	17	35	25	16	5.3
Explains	1	0	2	16	32	27	20	5.4
Communicates	0	0	0	10	17	41	31	5.9
Teaching	0	1	1	13	26	33	23	5.6

### Course:

Workload	1	0	0	43	32	17	5	4.8
Difficulty	1	0	0	43	32	17	5	4.8
Learn Exp	0	0	3	32	40	18	6	4.9

Stephenson did a good job presenting the material, with notes available on the web. However, many students were dismayed with his lack of availability outside of class-time (i.e. he was unavailable after April 11th, with respect to help for the exam).

Barrett's lectures were very complex and difficult to follow. Many students felt the material was too in-depth for a 200-level course. However, Barrett was approachable and willing to help students.

It was generally thought that the labs for this section were fun and interesting, but that they involved a lot of work to write up. Also, TAs did not mark consistently.

### ZOO 263Y1Y Comparative Anatomy

Instructor(s): G. De Iuliis

Enr: 45                      Resp: 40                      Retake: 85%

	1	2	3	4	5	6	7	Mean
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Presents	0	2	0	21	28	23	23	5.4
Explains	0	0	0	5	34	39	21	5.8
Communicates	0	0	2	10	52	18	15	5.3
Teaching	0	0	0	2	24	59	13	5.8
Workload	0	0	2	21	28	28	18	5.4
Difficulty	0	0	2	23	55	13	5	4.9
Learn Exp	0	0	0	19	28	35	17	5.5

De Iuliis was knowledgeable, helpful, fair and patient. Students felt that more visual aids would have been helpful. The course load was demanding but overall, provided a valuable learning experience.

Students felt a lot of material had to be covered in labs, but felt the TAs were very helpful.

### ZOO 265Y1Y Introduction to Animal Biodiversity

Instructor(s): D. Brooks

Enr: 63                      Resp: 19                      Retake: 88%

	1	2	3	4	5	6	7	Mean
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Presents	0	0	0	15	26	42	15	5.6
Explains	0	0	0	5	10	57	26	6.1
Communicates	0	0	0	5	5	31	57	6.4
Teaching	0	0	5	10	15	47	21	5.7
Workload	0	0	36	52	10	0	0	3.7
Difficulty	0	5	26	63	0	5	0	3.7
Learn Exp	0	0	0	7	38	30	23	5.7

Students felt the course material was very interesting and was explained clearly by Brooks.

Instructor(s): D. McLennan

Enr: 60                      Resp: 41                      Retake: 100%

	1	2	3	4	5	6	7	Mean
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Presents	0	0	2	0	12	46	39	6.2
Explains	0	0	0	4	9	46	39	6.2
Communicates	0	2	0	2	26	68	41	6.6
Teaching	0	0	0	2	2	59	39	6.3
Workload	2	0	29	58	7	72	0	3.8
Difficulty	0	2	31	65	0	0	0	3.6
Learn Exp	0	0	0	6	24	45	25	5.9

McLennan was well-liked by students for her enthusiasm. Students found the class very interesting and were excited by the fact that this course offered one of the rare opportunities in the Zoology Department to handle live animals.

**ZOO 322H1F Behaviour and Behavioural Ecology**

Instructor(s): D. Dunham

	Resp: 45							Retake: 75%
	1	2	3	4	5	6	7	Mean
Presents	0	2	4	16	41	34	0	5.0
Explains	0	0	2	4	22	59	11	5.7
Communicates	0	0	0	4	22	61	11	5.8
Teaching	0	0	4	27	27	40	0	5.0
Workload	0	0	0	48	33	11	6	4.8
Difficulty	0	0	6	66	24	2	0	4.2
Learn Exp	0	0	2	46	35	12	2	4.7

The material taught in class was interesting and the labs were excellent. Dunham was very passionate about his work, although his topics were considered too broad and his expectations were not explicit. For a half course, the readings were very heavy and did not directly pertain to lecture and test material.

**ZOO 325H1F Endocrine Physiology**

Instructor(s): D. Lovejoy

	Resp: 83							Retake: 92%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	2	14	48	34	6.2
Explains	0	0	0	3	6	51	38	6.3
Communicates	0	0	0	0	4	33	61	6.6
Teaching	0	0	1	0	4	42	51	6.4
Workload	0	0	11	64	20	3	0	4.2
Difficulty	0	0	11	70	16	2	0	4.1
Learn Exp	0	0	0	25	20	36	17	5.5

Students really enjoyed this course! Lovejoy was described as an excellent and enthusiastic instructor.

Many students felt that the textbook should not have been required since it was not helpful. As well, students suggested that having lectures on the web prior to class would have been beneficial.

Instructor(s): D. Lovejoy

	Resp: 40							Retake: 87%
	1	2	3	4	5	6	7	Mean
Presents	0	2	7	7	20	38	23	5.5
Explains	0	0	2	5	15	55	22	5.9
Communicates	0	0	0	7	7	40	45	6.2
Teaching	0	0	2	7	17	42	30	5.9
Workload	0	0	10	57	12	17	2	4.4
Difficulty	0	0	5	57	23	10	2	4.5
Learn Exp	0	0	9	30	30	18	12	4.9

Lovejoy was very approachable and friendly. His lectures were interesting and funny. Most students found that having the lecture notes on the web was very helpful, but that administration was often slow about getting them set up. The required textbook was not useful, being very difficult to read.

**ZOO 327H1S Extracellular Matrix Macromolecules**

Instructor(s): M. Ringuette

	Resp: 40							Retake: 84%
	1	2	3	4	5	6	7	Mean
Presents	2	2	10	10	20	27	27	5.3
Explains	2	0	0	7	20	37	32	5.8
Communicates	0	0	0	0	15	32	52	6.4
Teaching	0	5	0	7	12	30	45	6.0
Workload	0	0	2	71	10	15	0	4.4
Difficulty	0	0	0	60	28	10	0	4.5
Learn Exp	0	0	0	26	20	33	20	5.5

Students felt that Ringuette was a very good instructor with a contagious enthusiasm. The course differed from most in that it offered perspectives in lieu of memorization. Although the material was covered

quickly, Ringuette was very approachable and helpful. Many felt the first test was too long and rushed.

**ZOO 328H1F Developmental Biology I**

Instructor(s): D. Godt; U. Tepass

	Resp: 39							Retake: 86%
	1	2	3	4	5	6	7	Mean
<u>Godt:</u>								
Presents	0	0	2	0	34	52	10	5.7
Explains	0	0	0	2	23	60	13	5.8
Communicates	0	0	0	2	28	47	21	5.9
Teaching	0	0	0	2	29	54	13	5.8
<u>Tepass:</u>								
Presents	0	0	2	5	40	43	8	5.5
Explains	0	0	0	2	29	59	8	5.7
Communicates	0	0	0	8	35	40	16	5.6
Teaching	0	0	0	8	18	62	10	5.8
<u>Course:</u>								
Workload	0	0	0	64	24	10	0	4.5
Difficulty	0	0	2	65	15	15	0	4.4
Learn Exp	0	0	0	13	60	20	6	5.2

Godt was described as enthusiastic and well-organized. Students really enjoyed the material.

Students enjoyed Tepass' lecturing style and described his presentation of material as well-organized. A few students expressed concern regarding the course's mark evaluation; they felt that adding more marks to the midterm or adding another term test would have been a great benefit.

**ZOO 329H1S Developmental Biology II**

Instructor(s): G. Boulianne; R. Winklbauer

	Resp: 16							Retake: 60%
	1	2	3	4	5	6	7	Mean
<u>Boulianne:</u>								
Presents	0	0	0	18	50	25	6	5.2
Explains	0	0	6	31	37	18	6	4.9
Communicates	0	0	0	25	31	31	12	5.3
Teaching	0	0	6	31	31	25	6	4.9
<u>Winklbauer:</u>								
Presents	0	0	18	25	12	31	12	4.9
Explains	0	0	12	25	18	31	12	5.1
Communicates	0	0	0	12	31	37	18	5.6
Teaching	0	0	6	18	37	18	18	5.2
<u>Course:</u>								
Workload	0	0	6	68	12	6	6	4.4
Difficulty	0	0	0	62	18	12	6	4.6
Learn Exp	0	0	7	35	50	7	0	4.6

Boulianne was uninspired and mostly read from her own handouts. Generally, students enjoyed the course but felt that the labs needed restructuring and were a waste of time.

Students found Winklbauer enthusiastic and knowledgeable, if somewhat disorganized.

Instructor(s): E. Larsen

	Resp: 16							Retake: 55%
	1	2	3	4	5	6	7	Mean
Presents	0	0	18	43	25	12	0	4.3
Explains	0	0	6	43	25	25	0	4.7
Communicates	0	0	6	18	25	31	18	5.4
Teaching	0	0	6	25	37	25	6	5.0
Workload	0	0	10	70	0	20	0	4.3
Difficulty	0	0	0	60	20	20	0	4.6
Learn Exp	0	0	0	42	42	14	0	4.7

Larsen was knowledgeable, enthusiastic, concerned but slightly disorganized.

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### ZOO 332H1S Neurobiology

Instructor(s): A. Elia

	Enr: 46							Mean
	Resp: 18							
	1	2	3	4	5	6	7	
Presents	0	11	11	29	23	23	0	4.4
Explains	0	5	11	35	23	11	11	4.6
Communicates	0	0	5	17	29	35	11	5.3
Teaching	0	0	5	23	47	5	17	5.1
Workload	0	0	0	58	11	23	5	4.8
Difficulty	0	0	5	29	35	17	11	5.0
Learn Exp	0	6	13	53	6	20	0	4.2

Generally, students enjoyed this course and described Elia as enthusiastic. Some students suggested more concise lecture notes as well as a different text be assigned to the course. As well, some students felt that concepts should have explained further, since a few felt that the material was very advanced and they did not have the adequate background knowledge. Many students commented on the helpfulness of the TA.

### ZOO 344H1S Comparative Endocrinology of Invertebrates

Instructor(s): K. Yagi

	Enr: 53							Mean
	Resp: 30							
	1	2	3	4	5	6	7	
Presents	3	3	10	20	23	33	6	4.8
Explains	0	0	13	20	34	24	6	4.9
Communicates	6	0	20	20	31	13	6	4.4
Teaching	0	3	17	17	37	17	6	4.7
Workload	0	3	3	65	20	6	0	4.2
Difficulty	0	0	6	73	16	3	0	4.2
Learn Exp	4	8	12	41	25	0	8	4.1

Although students found the material interesting, some commented that Yagi should improve his lecturing style. As well, many commented on the test and group projects, suggesting that expectations should have been made clearer and that the weighting of marks be revised. A few commented on the helpfulness of posting lecture notes on the web.

### ZOO 346H1S Comparative Respiratory Physiology

Instructor(s): R. Stephenson

	Enr: 73							Mean
	Resp: 38							
	1	2	3	4	5	6	7	
Presents	0	0	2	13	39	28	15	5.4
Explains	0	0	0	2	42	31	23	5.8
Communicates	0	0	2	5	18	47	26	5.9
Teaching	0	0	0	5	21	52	21	5.9
Workload	0	0	10	76	13	0	0	4.0
Difficulty	0	0	0	73	26	0	0	4.0
Learn Exp	0	0	6	38	32	12	9	4.8

Overall, Stephenson was a very good instructor. He was enthusiastic and did a good job of organizing the material by providing lecture notes on the Internet. However, his availability for office hours was minimal. The course material was interesting, however, it was thought that the term tests did not accurately reflect the material presented in class. This was a concern considering that the final exam was worth 50% of the course grade.

### ZOO 347H1S Comparative Cell Physiology

Instructor(s): L. Buck

	Enr: 94							Mean
	Resp: 56							
	1	2	3	4	5	6	7	
Presents	0	3	5	39	35	8	7	4.6
Explains	0	0	5	21	42	19	10	5.1
Communicates	0	0	0	10	25	43	20	5.7
Teaching	0	0	1	12	39	26	19	5.5
Workload	0	0	5	72	18	1	1	4.2
Difficulty	0	0	7	61	25	3	1	4.3
Learn Exp	0	0	5	51	30	10	2	4.5

Buck was a very approachable, nice and knowledgeable instructor. He was a good lecturer, though he often went through material too fast. The reader for the course was incomplete which made lectures sometimes hard to follow. Students had to buy the reader and make numerous photocopies from the library. A website or a more complete reader would have been helpful.

### ZOO 354Y1Y History of Biology

Instructor(s): P. Winsor

	Enr: 57							Mean
	Resp: 39							
	1	2	3	4	5	6	7	
Presents	23	30	25	17	2	0	0	2.5
Explains	7	10	46	23	12	0	0	3.2
Communicates	0	2	0	23	26	42	5	5.2
Teaching	7	5	21	34	26	5	0	3.8
Workload	0	0	0	56	30	5	7	4.6
Difficulty	0	0	2	61	28	5	2	4.4
Learn Exp	3	0	20	53	16	6	0	4.0

Winsor was very enthusiastic about her subject, but was difficult to follow. She had a tendency to digress on insignificant details. Most students were very frustrated with the course's organization.

Instructor(s): J. Lazenby

	Enr: 51							Mean
	Resp: 34							
	1	2	3	4	5	6	7	
Presents	0	2	0	5	20	55	14	5.7
Explains	0	2	0	5	35	44	11	5.5
Communicates	0	0	0	2	38	44	14	5.7
Teaching	0	0	0	5	23	58	11	5.8
Workload	0	0	5	70	20	2	0	4.2
Difficulty	0	0	17	70	5	5	0	4.0
Learn Exp	0	0	0	45	13	40	0	5.0

Students felt that Lazenby was well-organized and conveyed enthusiasm for the material. Many students commented on the structure of the lecture as helpful for review. Several students expressed that perhaps tutorials should have been structured differently, the TA was described as needing improvement.

### ZOO 360H1F Entomology

Instructor(s): C. Darling

	Enr: 12							Mean
	Resp: 11							
	1	2	3	4	5	6	7	
Presents	0	0	0	0	10	30	60	6.5
Explains	0	0	0	0	10	30	60	6.5
Communicates	0	0	0	0	0	20	80	6.8
Teaching	0	0	0	0	10	20	70	6.6
Workload	0	0	0	10	60	20	10	5.3
Difficulty	0	0	10	70	20	0	0	4.1
Learn Exp	0	0	0	16	0	16	66	6.3

Overall, the course was amazing. The lectures were interesting and informative and the labs were great. Darling was a wonderful, enthusiastic, knowledgeable instructor. The trip to Algonquin Park was extremely rewarding and the insect collection was a memorable experience. A highly recommended instructor and course.

### ZOO 362H1F Introduction to Macroevolution

Instructor(s): D. McLennan; D. Brooks

	Enr: 34							Mean
	Resp: 25							
	1	2	3	4	5	6	7	
<u>McLennan:</u>								
Presents	0	0	0	8	12	44	36	6.1
Explains	0	0	0	4	20	41	33	6.0
Communicates	0	0	0	8	12	32	48	6.2
Teaching	0	0	0	4	24	44	28	6.0

**Brooks:**

Presents	0	0	20	24	20	24	12	4.8
Explains	0	0	4	20	33	16	25	5.4
Communicates	0	4	4	4	12	28	48	6.0
Teaching	0	0	4	12	33	29	20	5.5

**Course:**

Workload	0	0	4	60	12	20	4	4.6
Difficulty	0	0	4	24	48	16	8	5.0
Learn Exp	0	0	0	19	28	19	33	5.7

Overall, the course was amazing. The lectures and tutorials were very informative and well-organized.

McLennan and Brooks were very approachable and enthusiastic about the material.

**ZOO 373H1F Animal Distribution**

Instructor(s): R. Hansell

Enr: 15	Resp: 12			Retake: 100%				
	1	2	3	4	5	6	7	Mean
Presents	0	0	40	40	20	0	0	3.8
Explains	0	0	9	27	18	36	9	5.1
Communicates	0	0	0	0	0	33	66	6.7
Teaching	0	0	0	8	16	33	41	6.1
Workload	0	0	16	33	33	16	0	4.5
Difficulty	0	0	8	50	25	16	0	4.5
Learn Exp	0	0	0	10	10	50	30	6.0

This was a wonderful and very informative course. Hansell's teaching style was unique and he was very enthusiastic about the course material.

**ZOO 375H1F Environmental Factors**

Instructor(s): H. Harvey

Enr: 49	Resp: 29			Retake: 80%				
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	6	44	27	20	5.6
Explains	0	0	0	7	28	32	32	5.9
Communicates	0	0	0	13	13	37	34	5.9
Teaching	0	0	0	7	21	32	39	6.0
Workload	0	0	3	81	7	7	0	4.2
Difficulty	0	0	3	85	7	3	0	4.1
Learn Exp	0	0	5	26	36	21	10	5.1

Harvey was a very good instructor. He was very knowledgeable and approachable. The midterm and exam required a great deal of preparation and were quite difficult.

**ZOO 384H1S Biology of Amphibians**

Instructor(s): R. Murphy

Enr: 16	Resp: 13			Retake: 92%				
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	7	23	69	13	6.6
Explains	0	0	0	7	23	53	15	5.8
Communicates	0	0	0	0	7	23	69	6.6
Teaching	0	0	0	0	30	38	30	6.0
Workload	0	7	0	46	46	0	0	4.3
Difficulty	0	0	7	46	38	7	0	4.5
Learn Exp	0	0	0	20	50	10	20	5.3

Overall, students enjoyed this course, remarking that Murphy and the TA were interesting and enthusiastic. Many students commented on the benefit of the small class size. However, students suggested that lecture notes along with lab preparation should have been posted on the web to maximize the learning experience.

**ZOO 386H1S Avian Biology**

Instructor(s): J. Rising

Enr: 36	Resp: 28			Retake: 96%				
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	32	28	25	14	5.2
Explains	0	0	0	7	25	32	35	6.0
Communicates	0	0	0	3	25	67	28	6.6
Teaching	0	0	0	3	25	46	25	5.9
Workload	0	7	28	60	3	0	0	3.6
Difficulty	0	7	28	60	3	0	0	3.6
Learn Exp	0	0	0	21	47	21	8	5.2

Rising was very enthusiastic and knowledgeable, and his labs were diverse and popular. The test was fair, except for one question that was worth one-third of the marks.

The lectures were a little vague and there was too much focus on diversity. The essay guidance was characterized as "imprecise" or "flexible".

**ZOO 388H1F Biology of Mammals**

Instructor(s): M. Engstrom

Enr: 15	Resp: 16			Retake: 93%				
	1	2	3	4	5	6	7	Mean
Presents	0	0	12	31	50	6	0	4.5
Explains	0	0	0	0	56	43	0	5.4
Communicates	0	0	0	0	12	68	18	6.1
Teaching	0	0	0	0	37	62	0	5.6
Workload	0	0	0	31	31	18	18	5.2
Difficulty	0	0	0	37	31	31	0	4.9
Learn Exp	0	0	0	12	50	18	18	5.4

Engstrom was an outstanding instructor. He was very approachable, knowledgeable and made lectures fun. The material in the course was interesting, however, the workload was very high. The labs were interesting but very extensive.

**ZOO 433H1S Communication and Sensory Ecology**

Instructor(s): D. Dunham

Enr: 11	Resp: 22			Retake: 36%				
	1	2	3	4	5	6	7	Mean
Presents	0	0	36	27	18	18	0	4.2
Explains	0	0	18	18	18	36	9	5.0
Communicates	0	0	18	18	27	18	18	5.0
Teaching	0	0	9	27	27	27	9	5.0
Workload	0	0	0	36	27	18	18	5.2
Difficulty	0	0	0	63	18	9	9	4.6
Learn Exp	0	0	0	42	14	28	14	5.1

The lecture section was uninformative and used slides that had not been updated for years. There were a lot of repetitive readings, including rare library books - most of the tests were based on the readings.

Dunham was approachable and available for help.

**ZOO 485Y1Y Research in Physiology**

Instructor(s): S. Tobe; L. Buck

Enr: 8	Resp: 7			Retake: 85%				
	1	2	3	4	5	6	7	Mean
<b>Tobe:</b>								
Presents	0	0	0	0	57	14	28	5.7
Explains	0	0	0	16	66	0	16	5.2
Communicates	0	0	0	16	0	50	33	6.0
Teaching	0	0	0	0	16	50	33	6.2
<b>Buck:</b>								
Presents	0	0	14	28	42	0	14	4.7
Explains	0	0	0	42	28	28	0	4.9
Communicates	0	0	0	0	0	57	42	6.4
Teaching	0	0	0	14	14	42	28	5.9

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### Course:

Workload	0	0	0	14	57	14	14	5.3
Difficulty	0	0	0	28	28	28	14	5.3
Learn Exp	0	0	0	25	0	75	0	5.5

The instructors were very knowledgeable. Great course to take if you would like to pursue a future in research. Previous knowledge of the material in the course was assumed.

Instructor(s): M. Locke

Enr: 8	Resp: 6						Retake: 75%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	16	0	50	33	6.0
Explains	0	0	0	0	16	50	33	6.2
Communicates	0	0	0	16	0	66	16	5.8
Teaching	0	0	0	0	16	50	33	6.2
Workload	0	0	0	16	50	16	16	5.3
Difficulty	0	0	0	60	20	20	0	4.6
Learn Exp	0	0	0	0	33	66	0	5.7