



ONLINE COURSE EVALUATIONS



Reports

Standard Reports



BISC 2208.10: Genetics Laboratory

Instructor: M. Manier

Survey for Term Spring 2015 (April 20 - May 3, 2015)

Participation: Secondary Course Set

Results: 13 out of 20 eligible students evaluated this course.

About the course

1. Integration of discussion, lab, or recitation into the course structure.

[137]

	Number Responses	Percent	
		All	Valid Percent ¹
Answered:	13	100%	
Unanswered:	0	0%	
(1) Not at all [1]	0	0%	0%
(2) [2]	3	23%	30%
(3) [3]	2	15%	20%
(4) [4]	2	15%	20%
(5) Very well integrated [5]	3	23%	30%
Not applicable / No opinion [x]	3	23%	--
Mean of student responses: **	3.5		
Standard deviation of student responses: ****	1.2		

2. Increased conceptual understanding and/or critical thinking.





[129]

	Number Responses	Percent	
		All	Valid Percent ¹
Answered:	13	100%	
Unanswered:	0	0%	
(1) Not at all [1]	1	8%	8%
(2) [2]	2	15%	15%
(3) [3]	1	8%	8%
(4) [4]	3	23%	23%
(5) A great deal [5]	6	46%	46%
Not applicable / No opinion [x]	0	0%	--
Mean of student responses: **	3.8		
Standard deviation of student responses: ****	1.3		

3. Was knowledgeable about the subject and course material.







[132]

	Number Responses	Percent	
		All	Valid Percent ¹
Answered:	13	100%	
Unanswered:	0	0%	

(1) Not at all knowledgeable [1]	0		0%	0%
(2) [2]	1		8%	8%
(3) [3]	1		8%	8%
(4) [4]	4		31%	31%
(5) Very knowledgeable [5]	7		54%	54%
Not applicable / No opinion [x]	0		0%	–
Mean of student responses: **	4.3			
Standard deviation of student responses: ****	0.9			






4. Accessibility outside of class.

[134]

	Number Responses	Percent	
		All	Valid Percent ¹
Answered:	13		100%
Unanswered:	0		0%
(1) Not at all accessible [1]	0		0%
(2) [2]	1		8%
(3) [3]	1		8%
(4) [4]	1		8%
(5) Very accessible [5]	6		46%
Not applicable / No opinion [x]	4		31%
Mean of student responses: **	4.3		
Standard deviation of student responses: ****	1.1		







5. Overall rating of the instructor

[679]

	Number Responses	Percent	
		All	Valid Percent ¹
Answered:	13		100%
Unanswered:	0		0%
(1) Poor [1]	2		15%
(2) [2]	0		0%
(3) [3]	1		8%
(4) [4]	3		23%
(5) Excellent [5]	7		54%
Mean of student responses: **	4.0		
Standard deviation of student responses: ****	1.4		

6. Overall rating of the course

[680]

	Number Responses	Percent	
		All	Valid Percent ¹
Answered:	13		100%
Unanswered:	0		0%
(1) Poor [1]	1		8%
(2) [2]	1		8%
(3) [3]	3		23%
(4) [4]	3		23%
(5) Excellent [5]	5		38%
Mean of student responses: **	3.8		
Standard deviation of student responses: ****	1.2		

7. Use this space for any comments you may have about your discussion, lab, or recitation, etc.

[697]

Student 1: I really enjoyed the approach of the lab (using actual research) which contributed to my motivation in the course. I felt the lab could have been better organized. There were times where assignments and due dates were unclear which made it difficult to produce the desired product. Grading rubrics were often given after assignments (or with the assignment after grading). In the future, clear outlines/rubrics in the syllabus on the desired end product would be useful.

Student 5: Lab requires very minimal amount of work, besides the two major lab reports. I believe that the lab should be structured so that the PCR/DNA sequencing portion is at the beginning, and the gene annotation is in the second half. Also, partner work for the gene annotation would have been helpful in being able to understand those concepts faster.

Student 4: The annotation project was pretty rough to get through.

Student 3: This course was great; I left with a confident grasp on marketable skills and felt that this was because of the excellent structure of the course and the extensive knowledge of the professor and her TA. Sarah (the professor's TA for the class) was an absolute asset to the learning process and was an incredible resource for a lot of the students. Professor Manier was also great and connected really well with all of the students

Student 2: The lab content was challenging, but was interesting to learn about. The instructor was very helpful and patient to students.

Student 7: Instructor was very unclear about grading criteria, particularly with lab notebooks. We would loose points on information we didn't know we were supposed to include until after the fact. Furthermore, it was difficult to get a hold of the professor who was never at her office hours and only sometimes responsive to emails. While the class itself was interesting instructions were unclear or unorganized at times, especially during the first half of the semester which made learning certain material hard.

Student 8: Assignments and lectures were very unclear. I only learned how to follow tutorials in this class.

Student 6: Poor instructions and very little time spent properly explaining protocols. Blackboard was a mess all semester. I wish I would have taken another lab.

¹ - *Valid Percent: Excludes missing, not applicable, and/or blank responses.*

** - *Mean of student responses: The mean is the arithmetic average of a set of scores found by summing the scores from each student and dividing that sum by the number of students who answered with a valid answer to this question.*

*** - *Mean of courses: The mean is the arithmetic average of a set of scores found by summing the mean from each course and dividing that sum by the number of courses that asked this question. This can be viewed as the mean of means of courses.*

**** - *Standard deviation of student responses: A measure of the variability or dispersion in a set of scores that provides an indication of the average amount by which the student scores deviate from the student mean of the distribution*

***** - *Standard deviation of courses: A measure of the variability or dispersion in a set of scores (mean of each course) that provides an indication of the average amount by which each of the course mean deviates from the mean of the distribution of all course means. This is the standard deviation that you should refer to if you are comparing one course to all the courses.*

Student Statistics

Statistics for the 13 students who submitted this evaluation:									
Student Level		College		Major		Degree Status		Expected Graduation Date	
Medicine	8%	--	100%	Biological	8%	Bachelor of Arts	8%	05-2016	54%
Undergraduate	92%			Anthropology		Bachelor of	85%	05-2017	15%
				Biology	77%	Science		05-2018	23%
				Chemistry	8%	M D	8%	--	8%
				Medicine	8%				



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