Course: BIO-110 B - Integrative Biology I Responsible Faculty:

Jennifer Larimore
6.2 Strong Disagreement to Strong Agree (169 responses)
4.0 unsatisfactory to excellent ( 38 responses)
1.9 Reason for taking course (18 responses)
1.1 Class year (19 responses)


BIO-110 - B

## Student Demographics

Student Year/Course Selection


Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q2 - If your class year is other, please specify.
Response Rate: 5.26\% (1 of 19)

1 N/A


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\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Student Demograp} & \multicolumn{7}{|c|}{BIO-110-B} & \multicolumn{7}{|c|}{--- Survey Comparisons ---} \\
\hline & \multicolumn{3}{|c|}{Responses} & \multicolumn{4}{|c|}{Course} & \multicolumn{4}{|c|}{BIOL} & \multicolumn{3}{|c|}{All} \\
\hline & ADR & AMR & AE & N & Mean & Med. & Mode & \begin{tabular}{l}
Std \\
Dev
\end{tabular} & N & Mean & \begin{tabular}{l}
Pct \\
Rnk
\end{tabular} & N & Mean & \begin{tabular}{l}
Pct \\
Rnk
\end{tabular} \\
\hline Q3 I took this course as: & 2 & 16 & 0 & 18 & 1.9 & 2 & 2 & . 31 & 178 & 1.9 & 30 & 2.2K & 1.9 & 34 \\
\hline
\end{tabular}
Responses: [ADR] a distributional requirement=1 [AMR] a major/minor requirement=2 [AE] an elective=3
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)
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Q4 - If the reason you took the course is other, please explain.
Response Rate: 15.79\% (3 of 19)

1 To complete the dual degree nursing qualifications.
2 N/A

3 I took it because I am unsure of my major but I wanted to take sciences anyways.


BIO-110 - B

| Course Questions | Responses |  |  |  |  |  | Course |  |  |  | BIOL |  |  |  | All |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SD | 0 | 0 | 0 | 00 | SA | N | Mean | Med. | Mode | $\begin{aligned} & \text { Std } \\ & \text { Dev } \end{aligned}$ | N | Mean | Pct <br> Rnk | N | Mean | Pct Rnk |
| There were aspects of the course that were <br> Q5 especially effective in helping you learn. | 0 | 2 | 1 | 1 | 52 | 8 | 19 | 5.5 | 6 | 7 | 1.67 | 183 | 5.5 | 34 | 2.2K | 5.9 | 24 |

## Graph Legend

BIO-110 - B
BIOL Courses
All Courses
--- Survey Comparisons ---
BIOL

Pct


# Responses: [SD] Strongly Disagree=1[0] 0=2[0] 0=3[0] 0=4[0] 0=5[0] 0=6[SA] Strongly Agree=7 

Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q6 - Please explain or comment on the question above .
Response Rate: 57.89\% (11 of 19)

1 This was a flipped classroom so I absolutely learned how to study on my own.

This particular class was exceedingly hard for me to learn. The mechanisms used were largely ineffective, and the time commitment to
2 listening to lectures was impossible, so I had to resort to reading the slides in lieu.

3 This is a high paced course that forces you to learn as quickly as you can.
4 The formatting of the class was a flipped class, so a lot of the learning took place outside of class.
5 Since the course was a flipped structure, we were able to set our own pace in learning the content in a more personalized way.
I really loved the flipped lecture style. I thought I wouldn't like it because my biology teacher last year tried it, but I don't think she did it correctly. She would give us the chapter to read but then during the class we would just go over the chapter again, so I soon gave up on
6 reading. But I really like that the lectures are at my disposal and that class time gave us the chance to work through applying what we had learned. I also enjoyed the daily quizzes(surprisingly) and how we were able to go over them with our table and defend/change our answers.

7 I liked the flipped lecture
8 I liked the flipped format. I think it really helped me retain more information, even though it was a lot of work.
I feel like I have a more neutral feeling about the aspects of the course because I want to try all teaching styles to see what helps me
9 the most.

10 I appreciate the experience of a flipped classroom, even though I am not accustomed to it.

Flipped lecture format worked really well for me and the time taken to ask questions before quizzes was really beneficial for anything I
11 didn't get before class


BIO-110 - B

| Course Questions | Responses |  |  |  |  |  | Course |  |  |  | BIOL |  |  |  | All |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SD | 0 | 0 | 0 | 0 | SA | N | Mean | Med. | Mode | Std <br> Dev | N | Mean | Pct <br> Rnk | N | Mean | Pct <br> Rnk |
| There were aspects of the course that were <br> Q7 not effective in helping you learn. | 2 | 2 | 4 | 3 | 4 | 2 | 18 | 4.3 | 4.5 | 4,6 | 1.86 | 180 | 3.6 | 75 | 2.2K | 3.2 | 84 |

Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

## Q8 - Please explain or comment on the question above.

Response Rate: 47.37\% (9 of 19)

1 sometimes I feel like that's the flipped part of the class but I haven't taken a lecture-style yet because it could just be me.
2 We didnt do much of a class-wide discussion although we could ask questions before and after class.
The flipped classroom gave me more to adjust to, which took away from my learning in some ways.
3

4 Some of the questions on assignments were new material
5 See above. \#6
I wish there was some motivation to do assignments that you missed and that there was some individual component as some of my 6 team members were rude and made me not want to participate.

I think that everything in this course was really helpful to me. It's a new way of teaching that I'm not used to, but I really enjoyed it
7 because I didn't feel bored during the class period.

I think the workload was a bit intense, so I sometimes did not have enough time to go over everything as much as I would like to, but this
8 was not a problem most of the time.

Although I understand that the flip classroom approach is used to prepare us for the future, it was hard to fully grasp the concepts
9 sometimes.


## Graph Legend

BIO-110 - B
BIOL Courses
All Courses

BIO-110 - B

Responses: [SD] Strongly Disagree=1[0] $0=2$ [ $\mathbf{0}] 0=3[\mathbf{0}] 0=4[\mathbf{0}] 0=5[\mathbf{0}] 0=6$ [SA] Strongly Agree=7
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

## Q10 - Please explain or comment on the question above.

Response Rate: 47.37\% (9 of 19)

1 this class really made me think and express my thoughts on how I retained the information in more than just a few words This was not the hardest biology course I have taken but it was challenging enough to keep me interested and the right amount of 2 challenge for an intro course

3 This is an extremely hard class.
4 This class was very time consuming and difficult.
There were a lot of unique assignments or questions in tests/homework that made me think outside of the box, which challenged me,
5 but also helped with understanding everything more deeply.

6 There is a LOT of content with seemingly not enough time when paired with work outside of this class.
Since I took it last year, some of the information was vaguely familiar to me except for the entire section on ecology, which was okay but
7 a little boring if I'm being honest. I think the little section on the chemical components of the four essential components to life was a little confusing but it wasn't super essential to the course. Yet.

8 It was a lot of work but not too difficult

9 Incredibly challenging


BIO-110 - B
--- Survey Comparisons ---

| Course Questions | Responses |  |  |  |  |  |  | Course |  |  |  | BIOL |  |  |  | All |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SD | 0 | 0 |  | 0 |  |  | N | Mean | Med. | Mode | $\begin{aligned} & \text { Std } \\ & \text { Dev } \end{aligned}$ | N | Mean | Pct <br> Rnk | N | Mean | $\begin{aligned} & \text { Pct } \\ & \text { Rnk } \end{aligned}$ |
| I made positive contributions to this course <br> Q11 (for example, preparing for class, attending class regularly, participating in class discussions, and listening to others). | 0 | 0 | 0 | 0 | 0 | 5 |  | 19 | 6.7 | 7 | 7 | .44 | 182 | 6.3 | 80 | 2.2K | 6.2 | 81 |

Responses: [SD] Strongly Disagree=1[0] $0=2[\mathbf{0}] 0=3[\mathbf{0}] 0=4[0] 0=5[0] 0=6[S A]$ Strongly Agree=7 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q12 - Please explain or comment on the question above.
Response Rate: 31.58\% (6 of 19)

It wasn't exactly a discussion based class, but I did all of the lectures and ARQs(with the exception of the last one because I forgot). I
1 read the chapters and I felt prepared for the classwork and the quizzes, and the test(except the last test because I was exceptionally distracted). When my table and I would have meetings, I felt prepared for them and I felt like I helped with the classwork and the quizzes.

2 I try my best to retain the information from my notes, my peers, and the answers to my questions from my professor.
3 I think I couldve been better, and some members were rude which made me not want to contribute sometimes but I liked what I did do.
4 I attended all classes, did all the homework, and worked hard in and outside the classroom. I think I did the appropriate amount of work.
5 I am always on time and give effort to succeed and absorb the knowledge.
6 Every class had group work as well as our final presentations.


## BIO-110 - B

| Course Questions | Responses |  |  |  |  | Course |  |  |  |  | BIOL |  |  | All |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | U | P | G | VG | E | N | Mean | Med. | Mode | $\begin{aligned} & \text { Std } \\ & \text { Dev } \end{aligned}$ | N | Mean | Pct <br> Rnk | N | Mean | Pct <br> Rnk |
| Q13 Overall rating of the course. | 0 | 2 | 5 | 4 | 8 | 19 | 3.9 | 4 | 5 | 1.05 | 183 | 3.8 | 43 | 2.2K | 4.0 | 34 |

Responses: [U] unsatisfactory=1[P] poor=2 [G] good=3 [VG] very good=4 [E] excellent=5
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q14 - Please explain or comment on the question above.
Response Rate: 31.58\% (6 of 19)

This was probably the most stressed I've been about any class ever. That includes AP Biology and AP Calculus, as well as all of the other
1 classes I took this semester.

2 It's a good class, it's just a lot for a first year to deal with. Which I guess is useful in the long run.
I really liked the flipped lecture. I think it is definitely my favorite style because I don't get bored in class since I have classwork. If it was a 3 regular lecture, I know I would get bored and therefore distracted.

I really love biology and I loved being thrust into it. I do wish there was an individual aspect as some of my team members were rude and mean and made me not want to come to class or work on team projects and it hurts that my grade was affected by people who didn't
4 like me. Another thing is I wish there was a late policy, even if there was a harsh penalty, that you could turn things in. I would turn in homework even if it was only one point or a half a point to save myself from a zero. I think it would boost a lot of grades and with this being such a strict course intellectually, it would allow for some leniancy.

5 I really enjoyed this class and would take it three more times if I could.
I enjoy the group set up of the class and how everyone sits at a table in a group of four. it's refreshing to know that you're all in this 6 together.


Graph Legend
Jennifer Larimore
BIOL Faculty
All Faculty


Responses: [SD] Strongly Disagree $=1[\mathbf{0}] \mathbf{0}=2[\mathbf{0}] 0=3[\mathbf{0}] 0=4[\mathbf{0}] 0=5[\mathbf{0}] 0=6[\mathbf{S A}]$ Strongly Agree=7 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q16 - Please explain or comment on the question above.
Faculty: Jennifer Larimore
Response Rate: 47.37\% (9 of 19)
everything was well defined in the syllabus if we had questions on what we were supposed to do. if we had questions about the syllabus
1 she was more than accommodating to help us understand or fix them.

2 We relied a lot of the syllabus for the final presentations that was outdated and she had to clarify multiple things through email
3 The syllabus was very useful and accurate.
4 The best syllabus I had this semester with everything laid out and explained in a way that was easy to understand
5 Some things were greatly amended but, for the most part, we stuck to the syllabus.
6 She always had everything printed out and ready but sometimes was unprepared for questions on certain topics
7 I mean, we had to do an ARQ on the syllabus, so I think that explains how solid the syllabus was and the explanation of the syllabus. Everything was well explained in the syllabus. Any additional questions I had were answered in a very clear way by the professor. All
8 changes to the syllabus, frequently asked questions, or anything else were addressed in class.

9 Dr. Larimore is extremely good at what she does and I look forward to classes and opportunities with her in the future.



Responses: $[\mathbf{S D}]$ Strongly Disagree $=1[\mathbf{0}] 0=2[\mathbf{0}] 0=3[\mathbf{0}] 0=4[\mathbf{0}] 0=5[\mathbf{0}] 0=6[\mathbf{S A}]$ Strongly Agree=7 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q18 - Please explain or comment on the question above.
Faculty: Jennifer Larimore
Response Rate: 47.37\% (9 of 19)

1 all we had to do was email her or tell her after class if we wanted to speak with her about anything
2 We could also catch you walking your dogs on campus if we were really desperate.
Unfortunate, I could never make it to office hours because of other classes, but the professor was always available through email
3 whenever I needed help with anything.

4 She regularly advertises her office hours and is always open to emails with questions.
5 She is extremely busy but always knew who we were and remembered things about us which I appreciated.
6 She emailed us back quickly and always had reliable in her office hours
7 Office hours were great

8 Office hours were never convenient for me, but she made an effort to make it work.
9 Even when office hours were super busy there were other resources available to get help


Graph Legend
Jennifer Larimore
BIOL Faculty
All Faculty


Responses: $[\mathbf{S D}]$ Strongly Disagree $=1[\mathbf{0}] 0=2[\mathbf{0}] 0=3[\mathbf{0}] 0=4[\mathbf{0}] 0=5[\mathbf{0}] 0=6[\mathbf{S A}]$ Strongly Agree=7 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q20 - Please explain or comment on the question above.
Faculty: Jennifer Larimore
Response Rate: 47.37\% (9 of 19)
if everyone was confused about something in class she would describe it to us in detail explaining it to us in a way where we could
1 understand

With the exception of a few topics that weren't required for the class, everything was explained by either the professor or another
2 student.

The instructor didn't answer questions in class because she didn't know the answer and would make the students answer the question
3 for her. And this was an inverted class style, so the students would learn themselves and there would be a class activity that was much harder material than the recorded lectures.

4 Sometimes l'd ask a question only to get a non answer. But if others asked questions, they'd get answers. I thought that was a little odd.
5 Some of the questions she had to look for the answer or let the class answer
6 She was very good at clearing up conflicts
She dropped some quiz questions when we all missed it and said it didn't make sense and was very lenient on test questions especially
7
if they werent understood.

8 She always answered questions asked in class.
Our professor always took the time to answer our questions at the beginning of class. She also answered them through emails in a very 9 clear way.



Responses: [SD] Strongly Disagree=1[0] $0=2[\mathbf{0}] 0=3[\mathbf{0}] 0=4[\mathbf{0}] 0=5[\mathbf{0}] 0=6[\mathbf{S A}]$ Strongly Agree=7
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

## Q22 - Please explain or comment on the question above.

Faculty: Jennifer Larimore
Response Rate: 31.58\% (6 of 19)

1 she was never rude to us or talked down to us.

2 Very respectful and understanding
3 The professor was always nice and attentive.
4 She treated us like scientists, and a lot of people were not prepared for that and I absolutely loved it.
5 She sympathized with our pain as students.

6 AH Dr. Larimore is so friendly it was awesome. I think she was very respectful of all the students and very friendly.


Graph Legend
Jennifer Larimore
BIOL Faculty
All Faculty

## Jennifer Larimore

Instructor Questions
General Instructor Questions

Q23 | The instructor clearly defined how |
| :--- |
| assignments would be evaluated. |

Responses: [SD] Strongly Disagree $=1[\mathbf{0}] 0=2[\mathbf{0}] 0=3[\mathbf{0}] 0=4[\mathbf{0}] 0=5[\mathbf{0}] 0=6[\mathbf{S A}]$ Strongly Agree $=7$
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q24 - Please explain or comment on the question above.
Faculty: Jennifer Larimore
Response Rate: 42.11\% (8 of 19)

1 it was all in the syllabus and if we had questions all we had to do was ask her about it.
2 There were a few assignments with unclear instructions, but she was good about responding to emails and questions
Tests, quizzes, and in class activities had certain points assigned to each question and the overall points system of the class was
3 explained effectively at the beginning of the semester and in the syllabus

4 Some things were a little confusing, but overall, it was fine.
5 She strictly followed her syllabus, which I respect her for.
6 It's laid out in the syllabus.
7 Everything was clearly explained in the syllabus.
Again, with the exception of the D-portfolio which I think no one understands, everything was really explained in the syllabus and was very lenient on the quiz grades, allowing some questions to be dropped if they were very hard to understand.


Graph Legend
Jennifer Larimore
BIOL Faculty
All Faculty


Responses: [U] unsatisfactory=1[P] poor=2 [G] good=3 [VG] very good=4 [E] excellent=5
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

## Q26 - Please explain or comment on the question above.

Faculty: Jennifer Larimore
Response Rate: 36.84\% (7 of 19)
shes very helpful in the areas we asked her questions about. she even was able to help some of us out with life stuff, which I thought
1 was helpful and not that many professors do that.

2 There wasn't much teaching involved. It was more, "teach yourself, and if you have questions, we can talk about it."

3 The professor wasn't completely knowledgeable on some topics and I felt like the entire course was self taught.
4 Thank you for giving me such a good introduction to this course.

5 Personally I prefer a in class lecture, but as a teacher Dr . L is awesome.
I would love to take another class with this professor, she did an amazing job. Everything was clear and well-planned. The material was
6 challenging, but presented in a way that made it digestible.

7 Again, I loved the flipped lecture. I thought Dr. Larimore was very friendly to everyone and respectful, and funny as well.

