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

Jennifer Larimore
5.5 Strong Disagreement to Strong Agree (121 responses)
3.9 unsatisfactory to excellent ( 27 responses)
2.0 Reason for taking course ( 14 responses)
1.3 Class year (14 responses)


BIO-110 - B

## Student Demographics

## Student Year/Course Selection

|  | FY | S |  |  | GRA | P | N | Mean | Med. | Mode | Std <br> Dev | N | Mean | Pct <br> Rnk | N | Mean | Pct <br> Rnk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q1 What is your class year? | 10 | 4 |  |  | 0 | 0 | 14 | 1.3 | 1 | 1 | . 45 | 211 | 3.7 | 18 | 1.9K | 3.1 | 14 |

Responses: [FY] first year=1 [S] sophomore=2 [J] junior=3 [S] senior=4 [GRA] GRAD=5 [P] PBPM=6
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q2 - If your class year is other, please specify.
Response Rate: No participants responded to this question. ( 0 of 14)


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

Q4 - If the reason you took the course is other, please explain.
Response Rate: No participants responded to this question. (0 of 14)


Graph Legend
BIO-110 - B
BIOL Courses
All Courses

| Course Questions <br> General Questions | BIO-110-B |  |  |  |  |  |  |  |  |  |  | --- Survey Comparisons --- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Responses |  |  |  |  |  | Course |  |  |  |  | BIOL |  |  | All |  |  |
|  | SD | 0 | 00 | 0 | 0 | SA | N | Mean | Med. | Mode | Std <br> Dev | N | Mean | Pct <br> Rnk | N | Mean | Pct <br> Rnk |
| Q5 <br> There were aspects of the course that were especially effective in helping you learn. | 2 | 0 | 12 | 2 | 3 | 4 | 14 | 4.9 | 5.5 | 7 | 2.02 | 212 | 5.7 | 14 | 1.9K | 5.9 | 12 |

Responses: [SD] Strongly Disagree=1[0] $0=2[\mathbf{0}] 0=3[\mathbf{0}] 0=4[\mathbf{0}] 0=5[\mathbf{0}] \mathbf{0}=6[\mathbf{S A}]$ 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: 57.14\% (8 of 14)

1 the course is more depending on self study
2 There wasn't really anything that stood out to me as especially helpful in this class.
3 The reverse method learning of this class was very difficult in the beginning but allowed room for me to be a better student and have a grasp on what I do and don't know.

4 The online moduals.
5 Relying on Mastering Biology or the textbook without any actual instruction that did not involve reading directly off slides for ten minutes at the start of class did not help me learn whatsoever.

6 Lecture videos were provided when learning new material
7 I thought that the Mastering Biology Application Questions were helpful, but there wasn't much for going over the lesson to take the unit tests.

8 Having online lectures


Graph Legend
BIO-110 - B
BIOL Courses
All Courses

|  | BIO-110-B |  |  |  |  |  |  |  |  |  |  | --- Survey Comparisons --- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Course Questions General Questions | Responses |  |  |  |  |  | Course |  |  |  |  | BIOL |  |  | All |  |  |
|  | SD | 0 | 00 | 0 | 0 | SA | N | Mean | Med. | Mode | Std <br> Dev | N | Mean | Pct <br> Rnk | N | Mean | Pct Rnk |
| Q7 <br> There were aspects of the course that were not effective in helping you learn. | 1 | 1 | 23 | 2 | 1 | 4 | 14 | 4.6 | 4.5 | 7 | 1.91 | 210 | 3.8 | 86 | 1.9K | 3.2 | 87 |

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

Q8 - Please explain or comment on the question above.
Response Rate: 50.00\% (7 of 14)

1 very short in person lecture not in depth
2 too many groupworks.
3 There wasn't really anything that stood out to me as especially unhelpful in this class.
4 The whole course was self-taught which was not beneficial.
5 The many questions for mastering as homework and in class work did not really help me grasp any of the contents.
6 The class is setup like it's virtual but we're in person, and with that there is no in person lectures which a lot of people want.
7 I think that the lecture was brushed over too quickly and it was hard to clarify certain things from the video.


Graph Legend
BIO-110 - B
BIOL Courses
All Courses

BIO-110 - B

| Course Questions General Questions | Responses |  |  |  |  |  | Course |  |  |  |  | BIOL |  |  | All |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SD | 0 | 00 | 0 | 0 | SA | N | Mean | Med. | Mode | Std <br> Dev | N | Mean | Pct <br> Rnk | N | Mean | Pct Rnk |
| Q9 This course was intellectually challenging. | 1 | 2 | 01 | 1 | 2 | 7 | 14 | 5.4 | 6.5 | 7 | 2.12 | 210 | 5.7 | 22 | 1.9K | 5.9 | 27 |

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

Q10 - Please explain or comment on the question above.
Response Rate: 42.86\% (6 of 14)

1 Yes, it was incredibly challenging, possibly one of the hardest classes I've taken.
2 We went over stuff in more detail than I'm used to.
3 The course seemed more like an overload of information instead of stimulating intellectually at all.
4 The concepts were mostly easy to learn but the test questions were complicated
5 Some parts are hard, but most of them are understandable.
6 I think that this course was really well balanced in reviewing old material and learning new material.


Responses: [SD] Strongly Disagree=1[0] $0=2[\mathbf{0}] 0=3[\mathbf{0}] 0=4[\mathbf{O}] 0=5[\mathbf{0}] 0=6[\mathbf{S A}]$ 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: 28.57\% (4 of 14)

1 Students need to be well-prepared before class.
2 I think that I was always active in my groups and class.
3 I always did my homework and notes on time.
4 Attended most classes


BIO-110-B
Course Questions
General Questions

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

| N | Mean | Pct <br> Rnk | $\mathbf{N}$ | Mean | Pct <br> Rnk |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{2 1 2}$ | $\mathbf{3 . 8}$ | 38 | $\mathbf{1 . 9 K}$ | $\mathbf{4 . 1}$ | 21 |

Responses: $[\mathbf{U}]$ unsatisfactory $=1[\mathbf{P}]$ poor=2 [ $\mathbf{G}]$ 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: $\mathbf{2 8 . 5 7 \%}$ (4 of 14)

1 less group works may save time for individuals to study better.
2 The class was good and I'm glad I took it.
3 Lectures could have been elongated
4 I think that this class was really great and I would love to take another class taught by professor Larimore


| Instructor Questions General Instructor Questions | Jennifer Larimore |  |  |  |  |  |  |  |  |  |  | --- Survey Comparisons --- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Responses |  |  |  |  |  |  | Individual |  |  | BIOL |  |  |  | All |  |  |
|  | SD | 0 | 0 | 0 | 0 | S | N | Mean | Med. | Mode | Std <br> Dev | N | Mean | Pct <br> Rnk | N | Mean | $\begin{aligned} & \text { Pct } \\ & \text { Rnk } \end{aligned}$ |
| The instructor defined the plan for the <br> Q15 course, including what was required of students (for example, stated the plan for the course in the syllabus, in the class). | 1 | 0 | 0 | 2 | 0 | 10 | 13 | 6.2 | 7 | 7 | 1.67 | 210 | 5.6 | 62 | 1.9K | 6.2 | 34 |

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)

Q16 - Please explain or comment on the question above.
Faculty: Jennifer Larimore
Response Rate: 21.43\% (3 of 14)

1 the course follows the syllabus.
2 She was always very clear about expectations.
3 Her syllabus was really well laid out and I understood the expectations for myself


| Instructor Questions General Instructor Questions | Jennifer Larimore |  |  |  |  |  |  |  |  |  |  | --- Survey Comparisons --- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Responses |  |  |  |  |  | Individual |  |  |  | BIOL |  |  |  | All |  |  |
|  | SD | 0 | 00 |  | 0 | SA | N | Mean | Med. | Mode | Std <br> Dev | N | Mean | Pct <br> Rnk | N | Mean | $\begin{aligned} & \text { Pct } \\ & \text { Rnk } \end{aligned}$ |
| The instructor was available to students <br> Q17 outside of class (for example, held office hours, responded to emails and other student efforts to contact the instructor). | 1 | 0 | 10 | 1 | 7 | 3 | 13 | 5.5 | 6 | 6 | 1.65 | 205 | 6.1 | 10 | 1.9K | 6.3 | 13 |

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)

Q18 - Please explain or comment on the question above.
Faculty: Jennifer Larimore
Response Rate: 21.43\% (3 of 14)

1 The professor is helpful and willing to help outside the class.
2 She always offered help and told us where her office is.
3 Although I didn't attend many office hours, she was always available when I emailed her about my problems.


Graph Legend
Jennifer Larimore
BIOL Faculty
All Faculty

| Instructor Questions General Instructor Questions | Jennifer Larimore |  |  |  |  |  |  |  |  |  |  | --- Survey Comparisons --- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Responses |  |  |  |  |  | Individual |  |  |  | $\begin{aligned} & \text { Std } \\ & \text { Dev } \end{aligned}$ | BIOL |  |  | All |  |  |
|  | SD | 0 | 0 | 0 | 0 | SA | N | Mean | Med. | Mode |  | N | Mean | Pct <br> Rnk | N | Mean | Pct <br> Rnk |
| The instructor clarified material that <br> Q19 required further explanation (for example, listened to questions, responded to students). | 1 | 0 | 1 | 1 | 4 | 6 | 13 | 5.8 | 6 | 7 | 1.66 | 209 | 6.0 | 30 | 1.9K | 6.3 | 18 |

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)

Q20 - Please explain or comment on the question above.
Faculty: Jennifer Larimore
Response Rate: 21.43\% (3 of 14)

1 She'd clarify if you asked her to.
2 She will answer questions as long as you ask.
3 She did

| $0 \quad 1$ | 3 |  |  | 4 | 5 |  | 6 | 7 |  | Graph Legend |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jennifer Larimore | 6.0 |  |  |  |  |  |  |  |  | Jennifer Larimore |  |  |  |  |  |  |
| BIOL Faculty |  |  |  |  |  |  |  | 6.6 |  | BIOL Faculty |  |  |  |  |  |  |
| All Faculty |  |  |  |  |  |  |  | 6.6 |  |  | All Fa | culty |  |  |  |  |
| Instructor Questions General Instructor Questions | Jennifer Larimore |  |  |  |  |  |  |  |  | --- Survey Comparisons --- |  |  |  |  |  |  |
|  | Responses |  |  |  |  | Individual |  |  |  |  |  | BIOL |  |  | All |  |
|  | SD 0 | 00 | 0 | 00 | SA | N | Mean | Med. | Mode | $\begin{aligned} & \text { Std } \\ & \text { Dev } \end{aligned}$ | N | Mean | Pct Rnk | N | Mean | Pct Rnk |
| The instructor treated students with <br> Q21 respect. | 1 | 01 | 0 | 03 | 8 | 13 | 6.0 | 7 | 7 | 1.80 | 210 | 6.6 | 4 | 1.9K | 6.6 | 11 |

Responses: [SD] Strongly Disagree=1[0] $0=2[\mathbf{0}] \mathbf{0 = 3}[\mathbf{0}] 0=4[\mathbf{0}] 0=5[\mathbf{0}] 0=6[\mathbf{S A}]$ 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: $\mathbf{2 1 . 4 3 \%}$ ( 3 of 14)

1 She was always nice and respectful to everyone.
2 She respects students.
3 She did


Responses: [SD] Strongly Disagree $=1[\mathbf{0}] 0=2[\mathbf{0}] \mathbf{0 = 3}[\mathbf{0}] 0=4[\mathbf{0}] 0=5[\mathbf{0}] 0=6[\mathbf{S A}]$ 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: 21.43\% (3 of 14)

1 some assignments are confusing.
2 She was very clear on the assignments page and always gave us feedback when we handed assignments back.
3 She explained the important assignments.


| Instructor Questions | Jennifer Larimore |  |  |  |  |  |  |  |  |  | --- Survey Comparisons --- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Responses |  |  |  |  | Individual |  |  |  |  | BIOL |  |  | All |  |  |
|  | U | P | G | VG | E | N | Mean | Med. | Mode | Std <br> Dev | N | Mean | Pct <br> Rnk | N | Mean | Pct <br> Rnk |
| Q25 Overall rating of the teaching of the course. | 0 | 0 | 3 | 4 | 6 | 13 | 4.2 | 4 | 5 | . 80 | 210 | 4.1 | 58 | 1.9K | 4.3 | 40 |

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: 21.43\% (3 of 14)

This is probably the worst course l've ever taken in college and even worse than high school courses. Biology- especially the foundations of biology really needs to be taught and explained well to fully understand $i t$, especially with the sheer volume of information being thrown at students in a quick amount of time. This course was far too demanding outside of class as a 100 -level course. Yes, time should be dedicated to this course outside of class, but I spent hours outside of class just working through the chapters, taking notes, finishing mastering assignments, and barely being able to review. I felt like I barely learned most of the semester and gained nothing from this course. The flipped classroom style does not work for this course without the instructor actually teaching. Reading directly off the slides and staring at the screen at the start of a class isn't teaching and students gain nothing from this. I talked with many other students in this class as well, and we all expressed our grievances and disappointment in the lack of teaching in this class. As someone who has already taken college-level biology in high school in a lecture-based format and other classes in a lecture-based format, it is very disappointing and discouraging that the class and instructor almost do not have any actual class instruction at all. The grades in this class do not seem like a true reflection of the students or our capabilities at all. We pay for college to be taught, not to have to teach ourself from a laptop.

2 She was a very helpful teacher.
3 I really liked her style of teaching

