



# BIOS 11137 1 - Phenotypes and Genotypes - Instructor(s) - Amanda Brock, Beatrice Fineschi

Project Title: **College Course Feedback - Spring 2024**

Number Enrolled: **48**

Number of Responses: **21**

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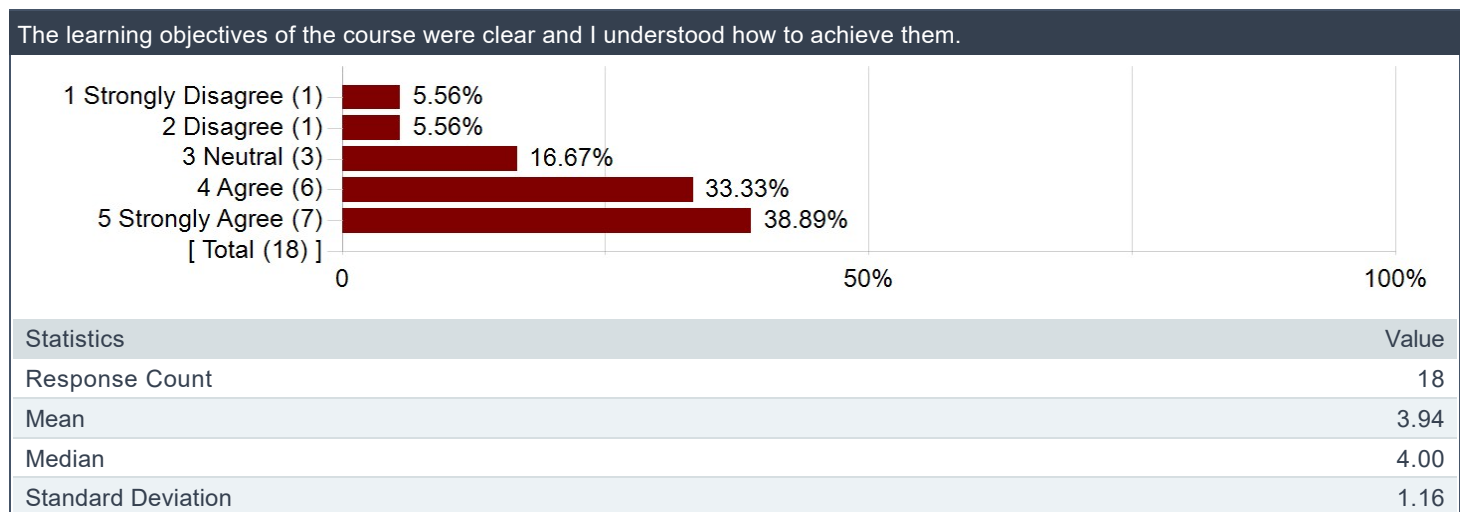
## Report Comments

Opinions expressed in these evaluations are those of students enrolled in the specific course and do not represent the University.

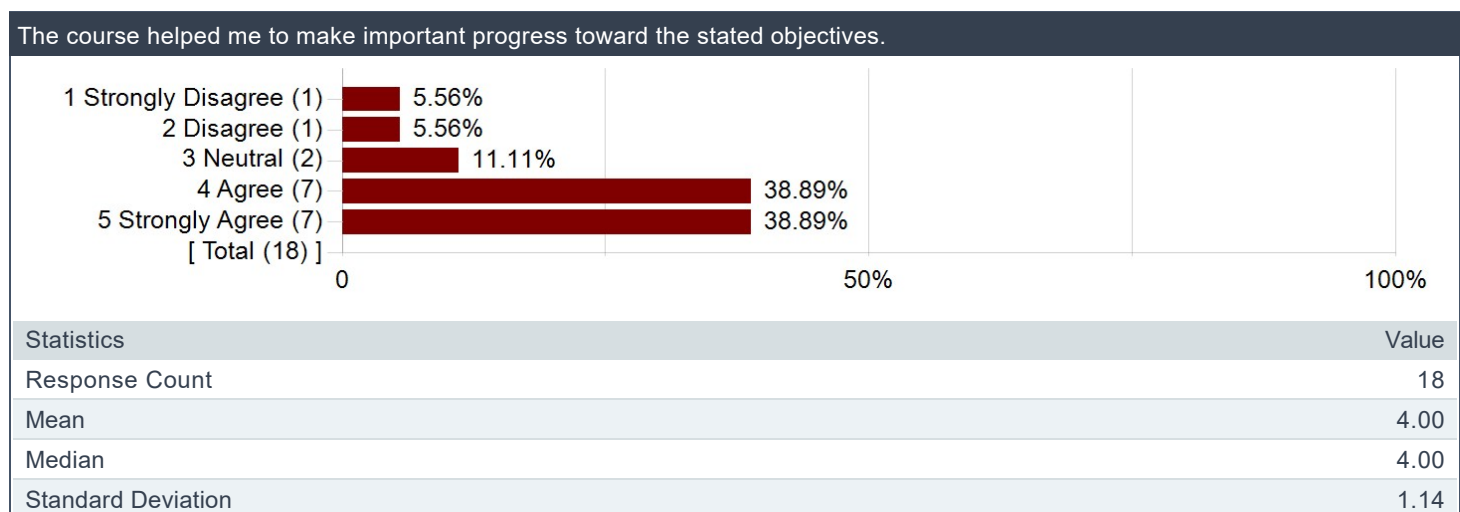
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Creation Date: **Thursday, July 11, 2024**

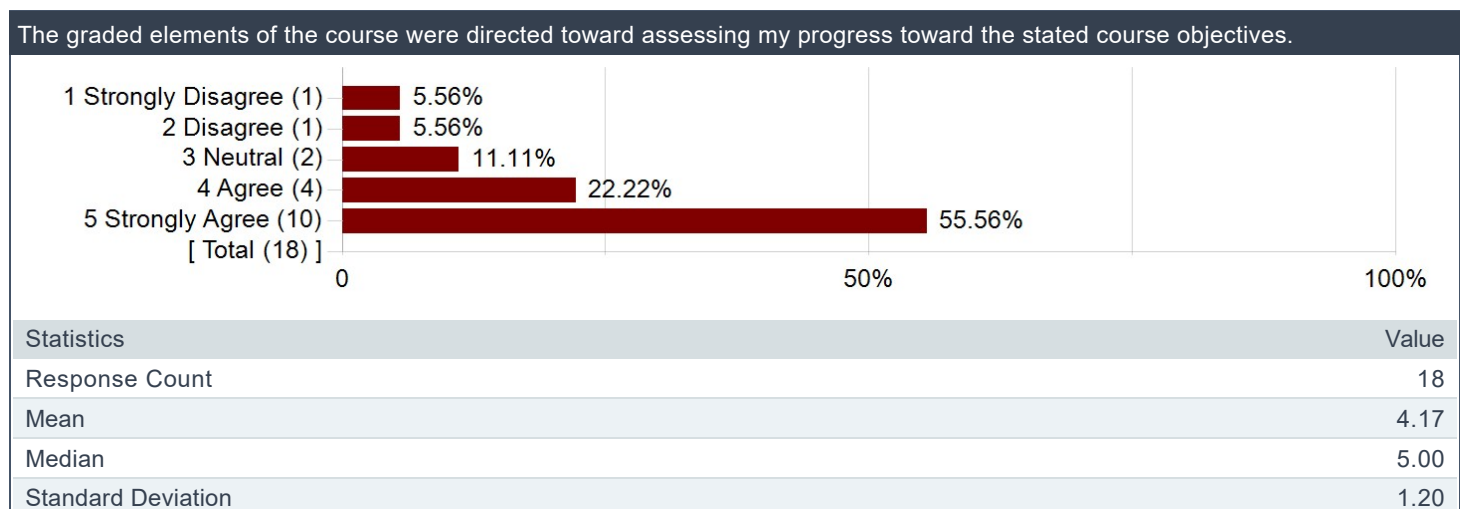
## The learning objectives of the course were clear and I understood how to achieve them.



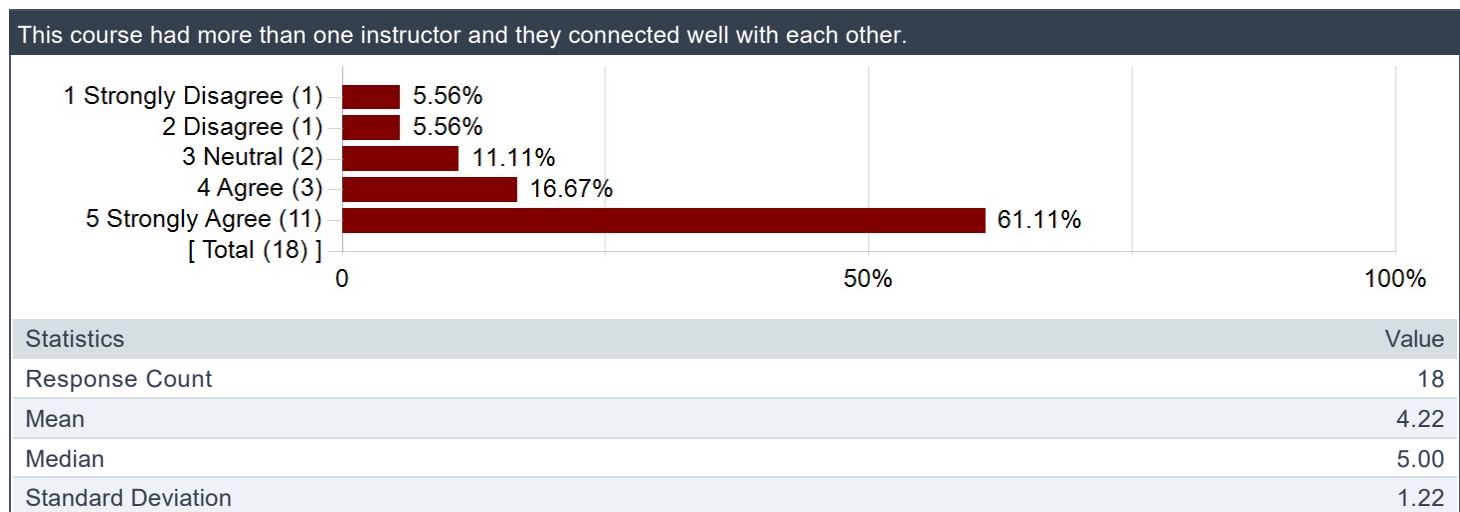
## The course helped me to make important progress toward the stated objectives.



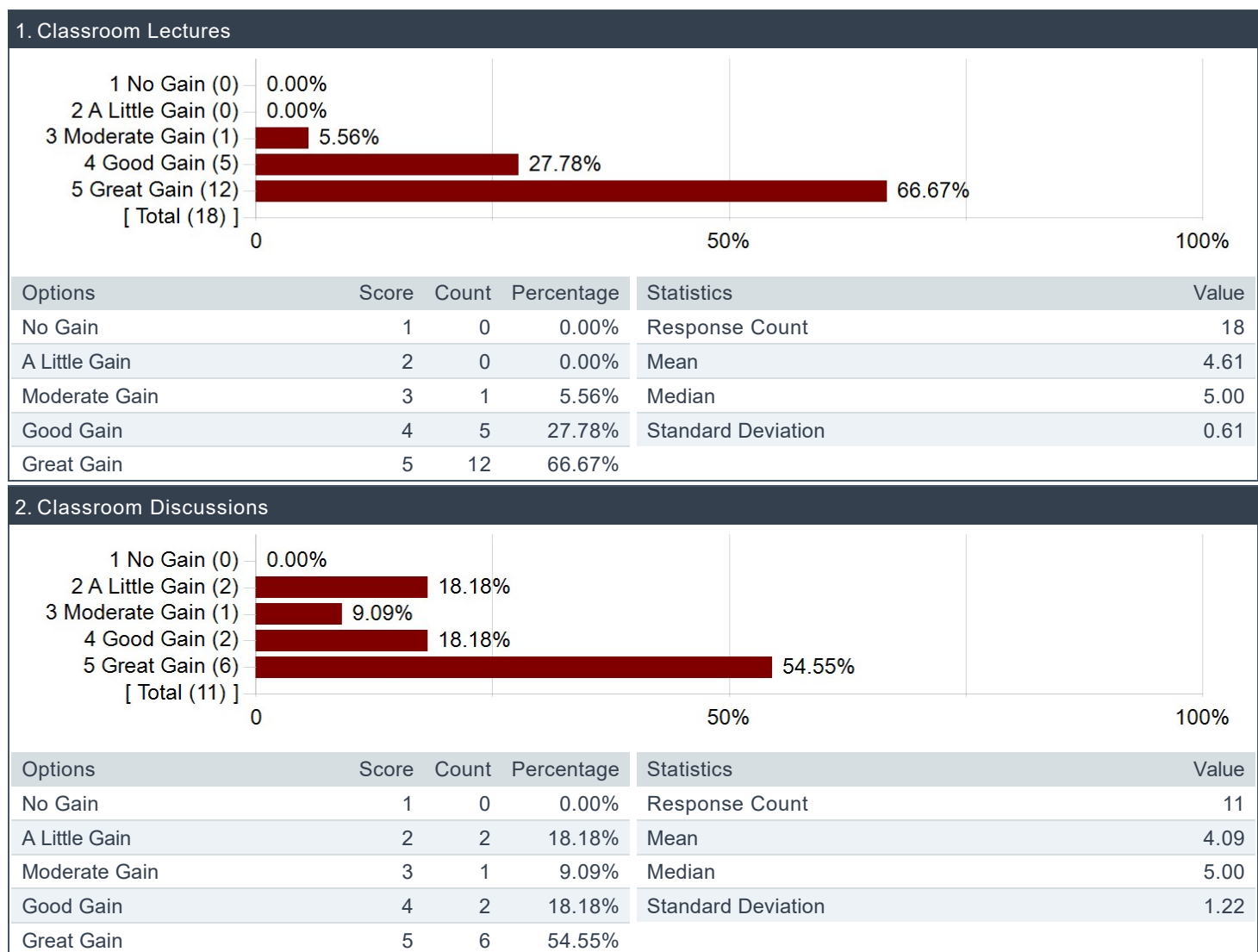
## The graded elements of the course were directed toward assessing my progress toward the stated course objectives.



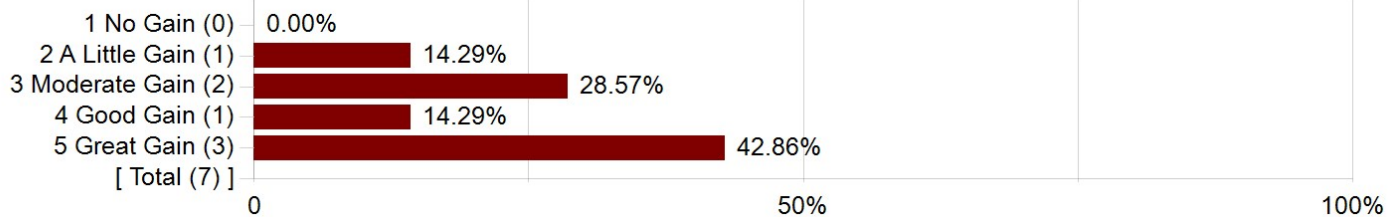
## This course had more than one instructor and they connected well with each other.



## How much did the following elements of the course contribute to your learning gains?

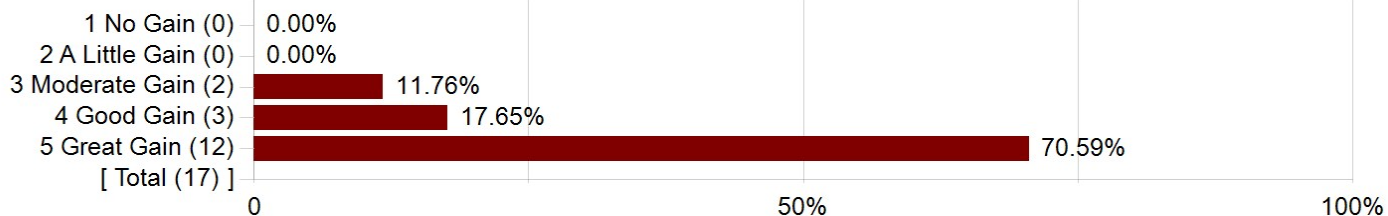


### 3. Assigned Readings



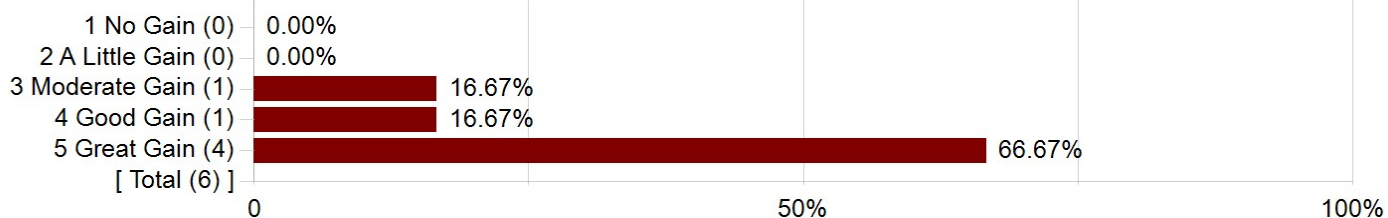
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 7     |
| A Little Gain | 2     | 1     | 14.29%     | Mean               | 3.86  |
| Moderate Gain | 3     | 2     | 28.57%     | Median             | 4.00  |
| Good Gain     | 4     | 1     | 14.29%     | Standard Deviation | 1.21  |
| Great Gain    | 5     | 3     | 42.86%     |                    |       |

### 4. Homework Exercises



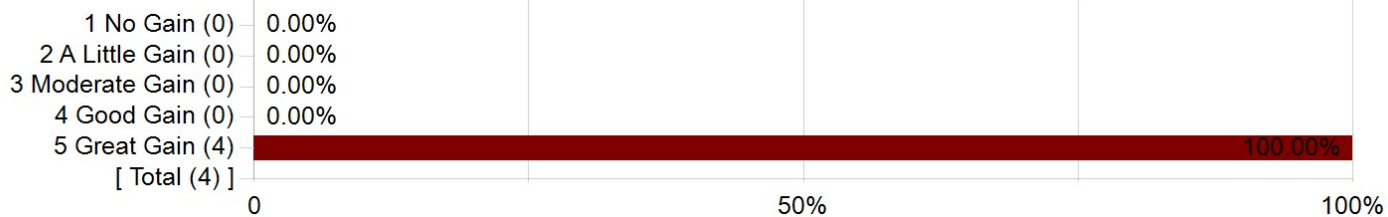
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 17    |
| A Little Gain | 2     | 0     | 0.00%      | Mean               | 4.59  |
| Moderate Gain | 3     | 2     | 11.76%     | Median             | 5.00  |
| Good Gain     | 4     | 3     | 17.65%     | Standard Deviation | 0.71  |
| Great Gain    | 5     | 12    | 70.59%     |                    |       |

### 5. Lab Experiences



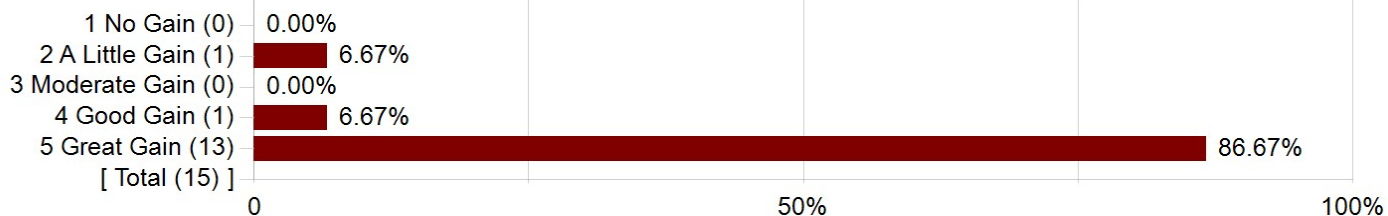
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 6     |
| A Little Gain | 2     | 0     | 0.00%      | Mean               | 4.50  |
| Moderate Gain | 3     | 1     | 16.67%     | Median             | 5.00  |
| Good Gain     | 4     | 1     | 16.67%     | Standard Deviation | 0.84  |
| Great Gain    | 5     | 4     | 66.67%     |                    |       |

## 6. Discussion Sessions



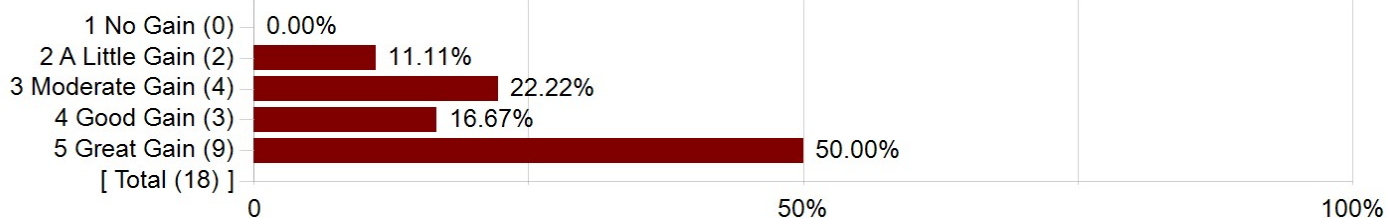
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 4     |
| A Little Gain | 2     | 0     | 0.00%      | Mean               | 5.00  |
| Moderate Gain | 3     | 0     | 0.00%      | Median             | 5.00  |
| Good Gain     | 4     | 0     | 0.00%      | Standard Deviation | 0.00  |
| Great Gain    | 5     | 4     | 100.00%    |                    |       |

## 7. Review Sessions



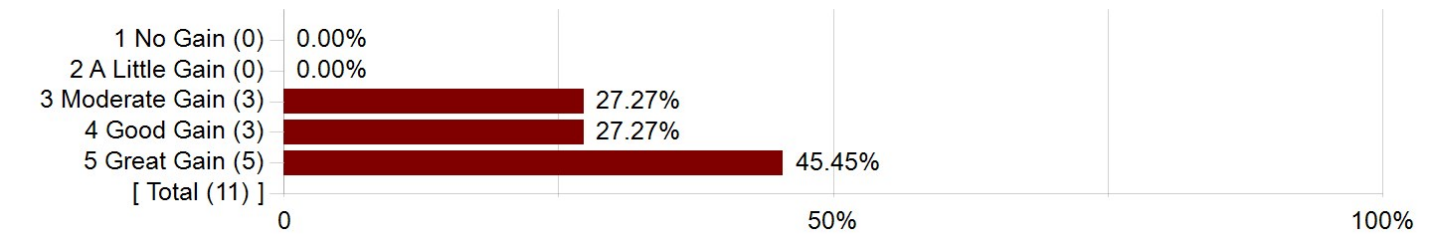
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 15    |
| A Little Gain | 2     | 1     | 6.67%      | Mean               | 4.73  |
| Moderate Gain | 3     | 0     | 0.00%      | Median             | 5.00  |
| Good Gain     | 4     | 1     | 6.67%      | Standard Deviation | 0.80  |
| Great Gain    | 5     | 13    | 86.67%     |                    |       |

## 8. Interactions with Other Students



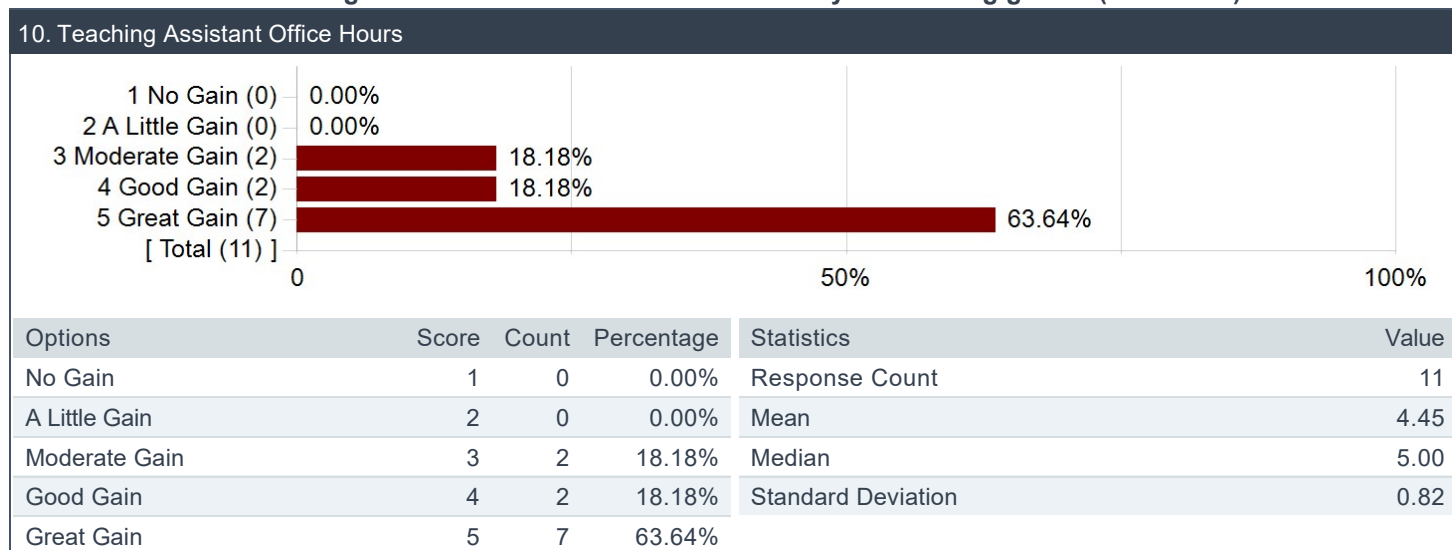
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 18    |
| A Little Gain | 2     | 2     | 11.11%     | Mean               | 4.06  |
| Moderate Gain | 3     | 4     | 22.22%     | Median             | 4.50  |
| Good Gain     | 4     | 3     | 16.67%     | Standard Deviation | 1.11  |
| Great Gain    | 5     | 9     | 50.00%     |                    |       |

9. Faculty Office Hours



| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 11    |
| A Little Gain | 2     | 0     | 0.00%      | Mean               | 4.18  |
| Moderate Gain | 3     | 3     | 27.27%     | Median             | 4.00  |
| Good Gain     | 4     | 3     | 27.27%     | Standard Deviation | 0.87  |
| Great Gain    | 5     | 5     | 45.45%     |                    |       |

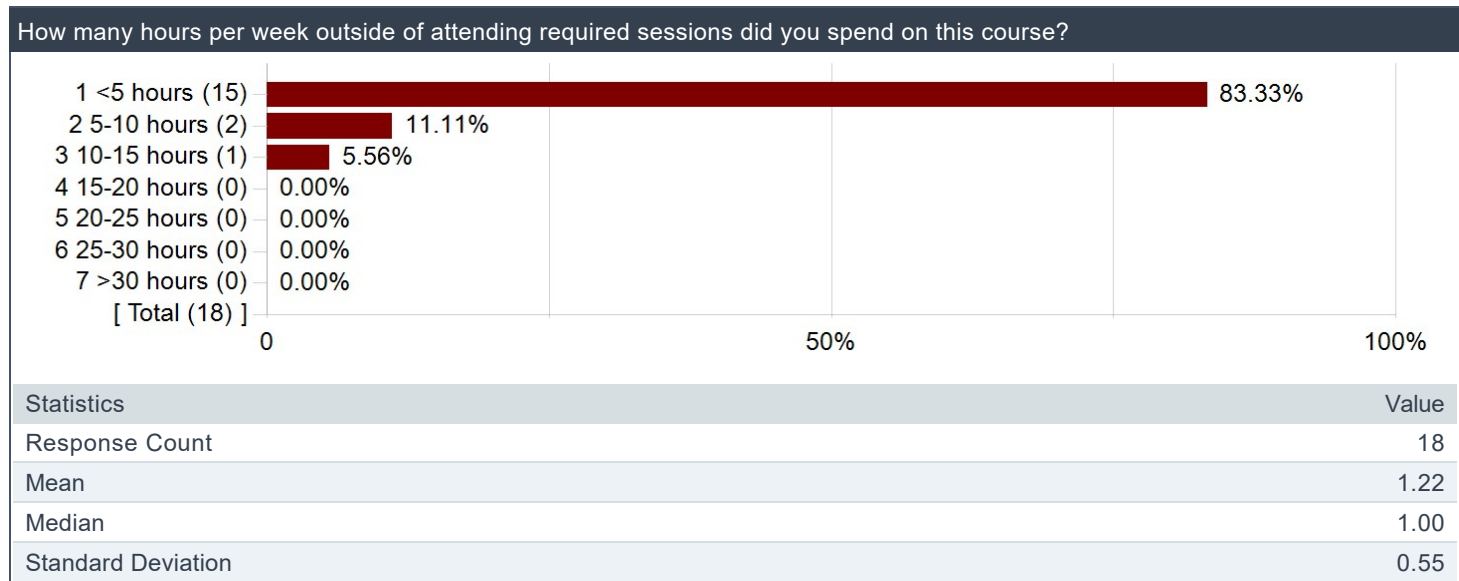
## How much did the following elements of the course contribute to your learning gains? (continued)



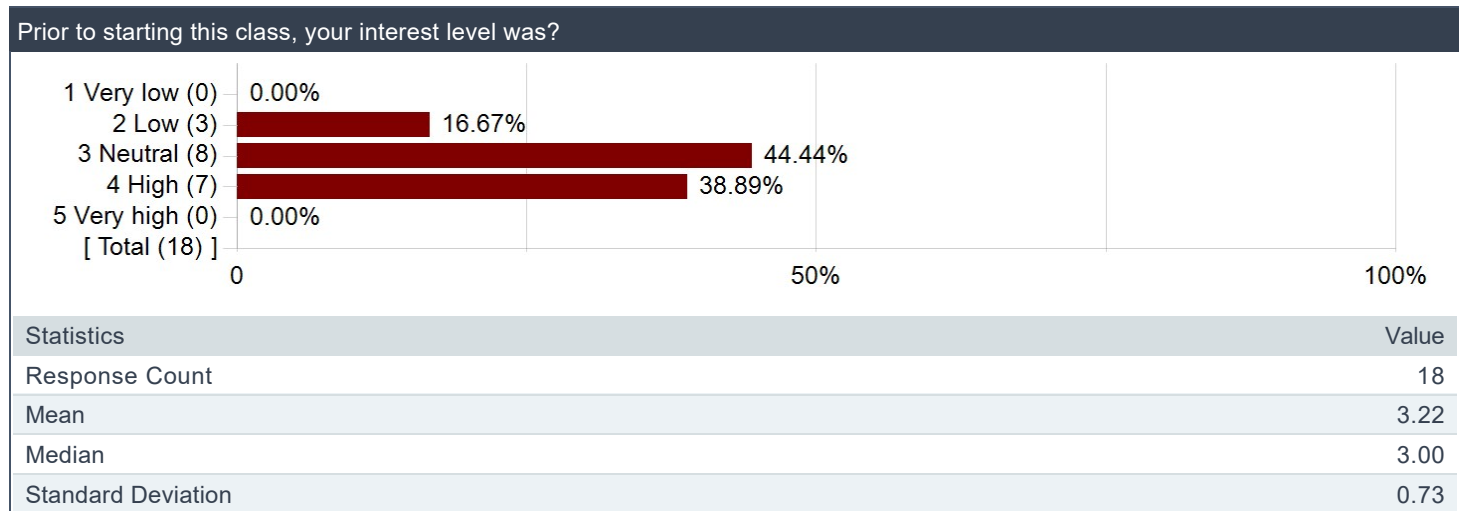
## What was the most important thing (to you) that you learned in this course? What aspect of the material is still unclear for you, that you wish you could have learned better?

| Comments                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I learned to investigate inheritance. It would have been interesting to learn more about epigenetics.                                                                                                                                                                                                           |
| I learned about several diseases, what they entail and how they happen. I also learned how we have managed to decipher our entire genome and what this means, as well as for the future implications of this phenomenon. I was particularly interested by the 23andme style markers. Nothing was left unclear!! |
| A general understanding about how our genome works                                                                                                                                                                                                                                                              |
| The most important thing I learned in this course is how different diseases genetically manifest. What is still unclear for me that I wish I would have learned better is the effect that drugs cause for specific ailments.                                                                                    |
| I learned about important diseases such as Cancer, MS, cystic fibrosis, and more                                                                                                                                                                                                                                |
| The course explained some functions of genetics that I hadn't heard of / learned before that just explain so much. I still have no clue what a selective sweep is though.                                                                                                                                       |
| The course is a smorgasbord of introductory genetics topics. There is no central idea to the class, and no one topic (beyond the fundamentals of Mendelian genetics) is much more important than the other. None of the topics were particularly complicated or confusing.                                      |
| I enjoyed leaving better informed on the intricacies of cancer and learning about a lot of genetic diseases I otherwise may not have heard of.                                                                                                                                                                  |
| how to identify diseases                                                                                                                                                                                                                                                                                        |
| I learned about how different diseases manifest in people at the genetic level. I don't think that anything was super unclear.                                                                                                                                                                                  |

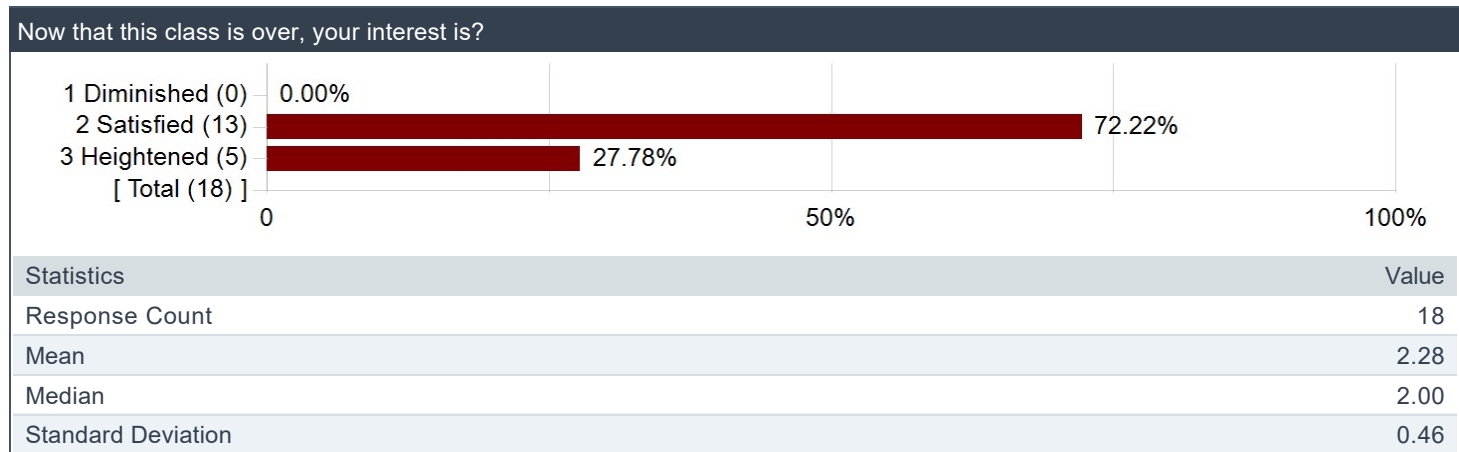
## How many hours per week outside of attending required sessions did you spend on this course?



## Prior to starting this class, your interest level was?

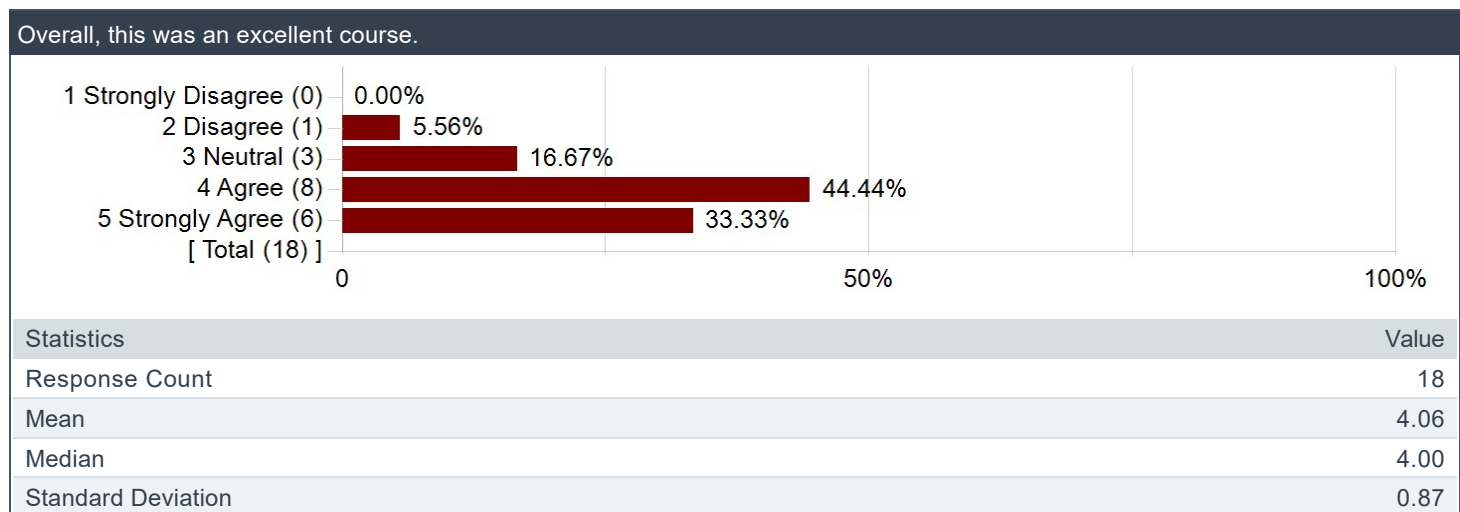


## Now that this class is over, your interest is?





## Overall, this was an excellent course.



## Please share any advice you have for students who are considering taking the course.

| Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I would take a different topics course.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Use office hours, and communicate a lot. Participation and attendance really do help you learn better, it's not just for the sake of the grade. My experience with note taking has been to write on Dr. F's slides at the same time as she goes through them (she posts them before the class) and for Dr. B's lessons I have a separate document where I list the slide title and the things she says, then put them together when I'm studying. The exams are very doable, and with the proper effort the class topics and dynamic are incredibly accessible and interesting. Highly recommend! |
| This course is a good class to take for continuing on the biology core sequence and getting requirements done while learning interesting information.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Be prepared to be engaged, take notes, and you'll have fun. 3 non-comprehensive exams and 3 PSETS, so just organize your time because it's not really a heavy course even to a non-stem major.                                                                                                                                                                                                                                                                                                                                                                                                    |
| Great bio core class. Interesting, not super hard, and great professors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| If you attend the lectures, pay attention, and take notes, this course requires almost no time commitment outside of class.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Make sure to attend all classes, as well as the TA review sessions. They are incredibly helpful.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |