

### iBio course survey Completed

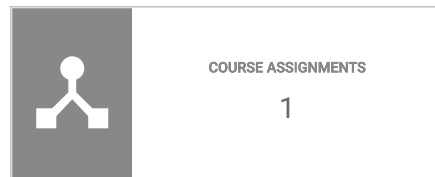
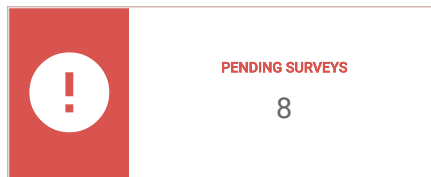
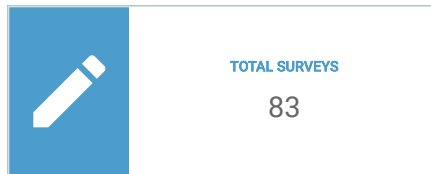
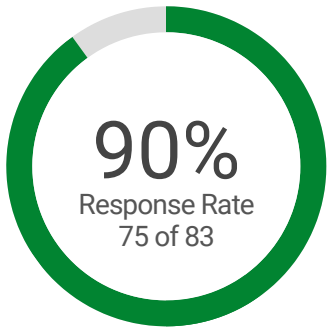
📅 2021 Spring / Student Course Evaluation (End of Term) / Anonymous Survey  
 Course Assignments: **100** / Survey Participants: **3147**

Schedule: 4/16/2021 to 4/30/2021  
 Results Available: 5/11/2021

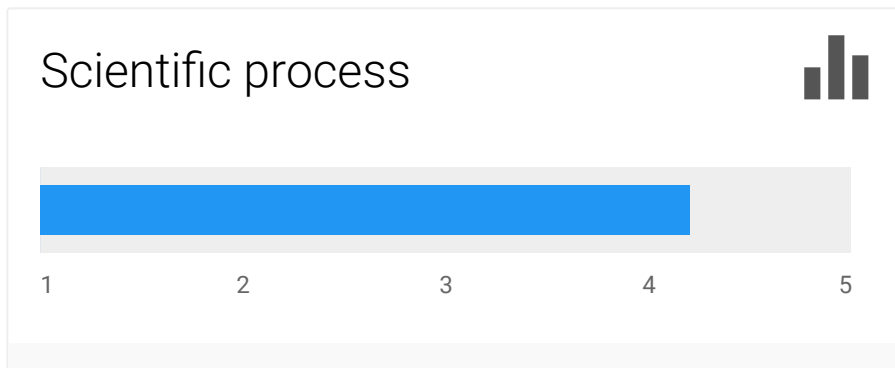
📅 This survey completed on **Friday, April 30, 2021 at 11:59PM.**

**College:** Letters and Science  
**Department:** Integrative Biology  
**Course Section:** ZOOLOGY 300 - 001 Invertebrate Biology and Evolution  
**Course Section Director:** 👤 NA  
**Instructor:** 👤 Andrew Ontano; PRASHANT SHARMA

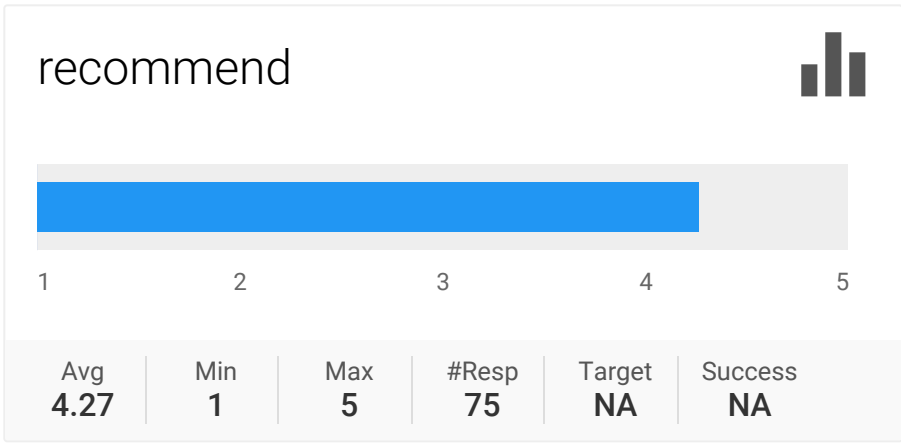
### 📊 Survey Overview / Course Section Results Aggregate



### 📊 Survey Metrics / Course Section Results Aggregate



Avg	Min	Max	#Resp	Target	Success
4.21	1	5	75	NA	NA



## Survey Data / Course Section Results Aggregate

### Section 1

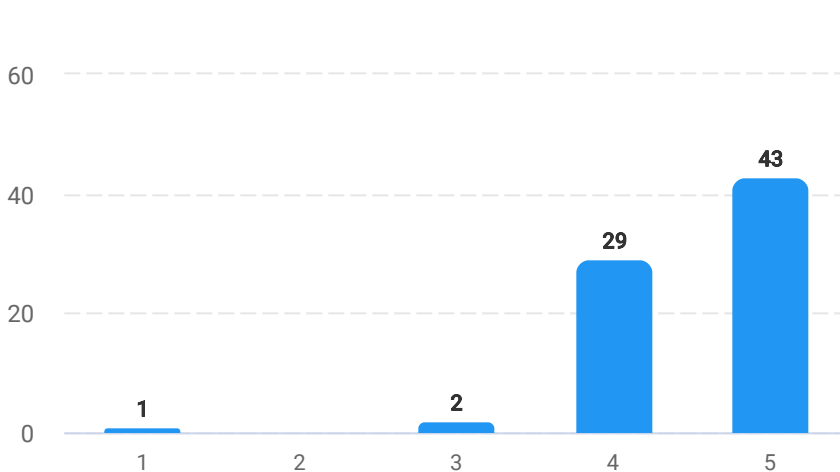
Please indicate your opinion regarding the statements below on a scale of 1-5 (1=strongly disagree, 5=strongly agree)

1

The course helped me to understand the main concepts in this subject area.

(Multi-Choice, Single Answer)

Value	Option	Total
1	Strongly disagree	1
2	Disagree	0
3	Neutral	2
4	Agree	29
5	Strongly agree	43



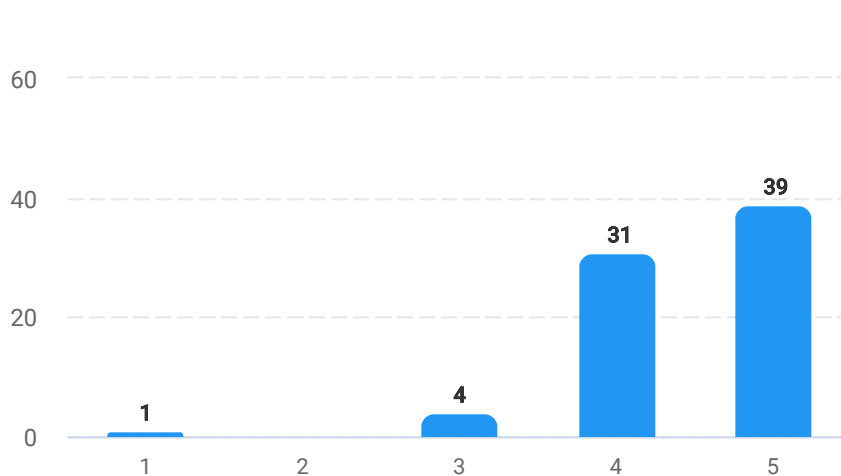
Average	4.51
Median	5.00
Mode	5
Std. Dev.	0.68
Variance	0.46

The course helped me to understand the relationships among these main concepts.

2

(Multi-Choice, Single Answer)

Value	Option	Total
1	Strongly disagree	1
2	Disagree	0
3	Neutral	4
4	Agree	31
5	Strongly agree	39



Average	4.43
Median	5.00
Mode	5
Std. Dev.	0.72
Variance	0.51

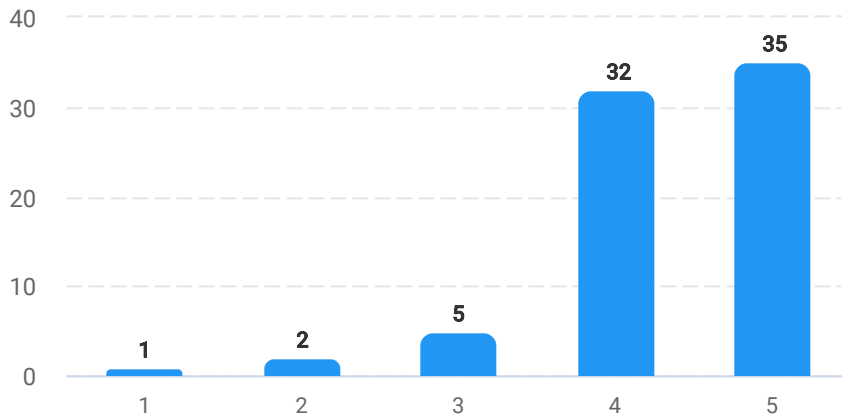
3

The course helped me to understand how concepts presented in this course relate to those in other biosciences courses.

(Multi-Choice, Single Answer)

Value	Option	Total
1	Strongly disagree	1
2	Disagree	2
3	Neutral	5
4	Agree	32
5	Strongly agree	35





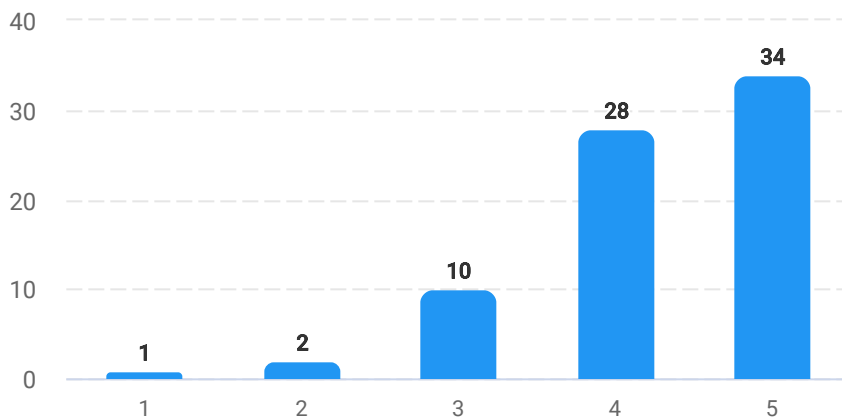
Average	4.31
Median	4.00
Mode	5
Std. Dev.	0.82
Variance	0.67

4

The course helped me to understand the relevance of this particular subject to real-world issues or everyday life.

(Multi-Choice, Single Answer)

Value Option	Total
1 Strongly disagree	1
2 Disagree	2
3 Neutral	10
4 Agree	28
5 Strongly Agree	34



Average	4.23
Median	4.00
Mode	5
Std. Dev.	0.87
Variance	0.76

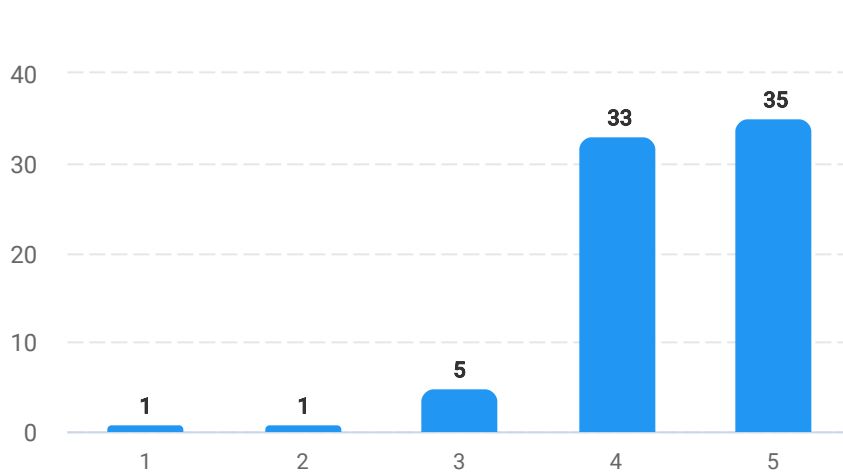
5

This course helped to develop my ability to think through a problem and solve it.

(Multi-Choice, Single Answer)

Value Option	Total
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Value Option	Total
1 Strongly disagree	1
2 Disagree	1
3 Neutral	5
4 Agree	33
5 Strongly agree	35



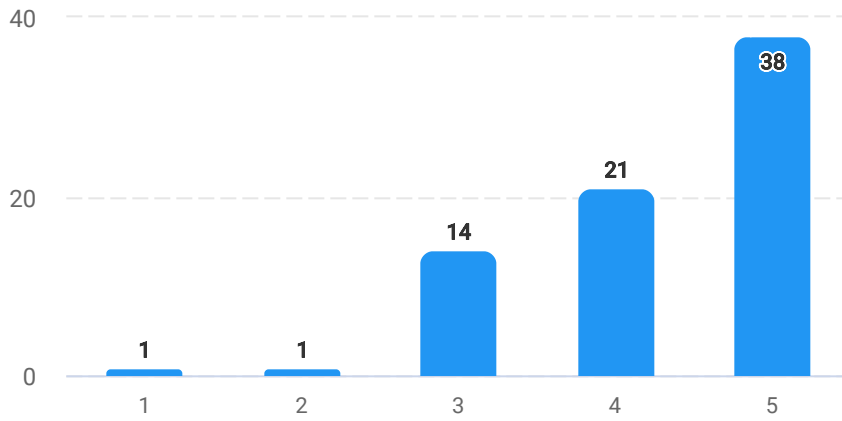
Average	4.33
Median	4.00
Mode	5
Std. Dev.	0.77
Variance	0.60

6

This course compared favorably to others I have taken in the biosciences.

(Multi-Choice, Single Answer)

Value Option	Total
1 Strongly disagree	1
2 Disagree	1
3 Neutral	14
4 Agree	21
5 Strongly agree	38



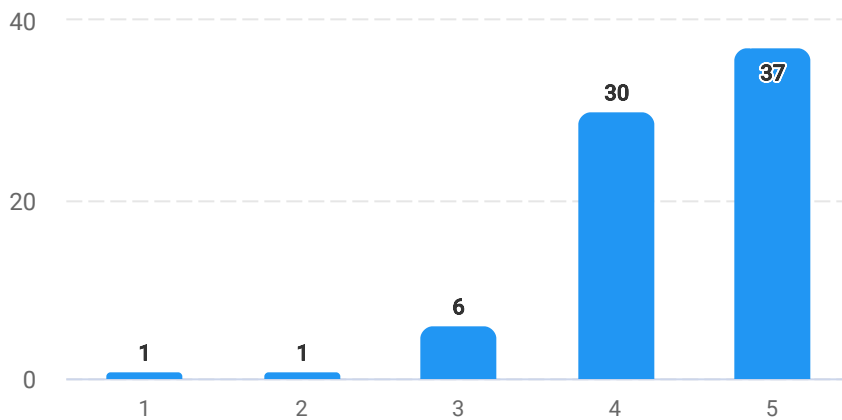
Average	4.25
Median	5.00
Mode	5
Std. Dev.	0.90
Variance	0.80

7

The exams and assignments were well designed to test the knowledge I was expected to gain in this course.

(Multi-Choice, Single Answer)

Value Option	Total
1 Strongly disagree	1
2 Disagree	1
3 Neutral	6
4 Agree	30
5 Strongly agree	37



Average	4.35
Median	4.00
Mode	5
Std. Dev.	0.79
Variance	0.63

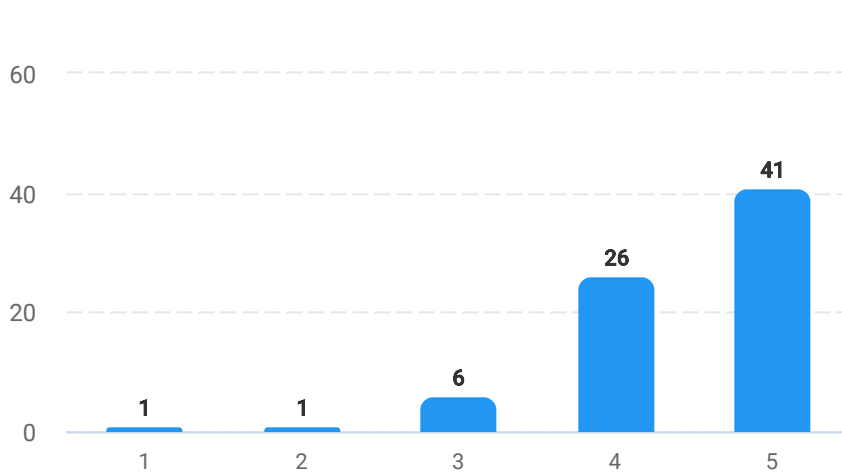
8

I appreciate this subject better as a result of taking this course.

(Multi-Choice, Single Answer)

Value Option	Total
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Value	Option	Total
1	Strongly disagree	1
2	Disagree	1
3	Neutral	6
4	Agree	26
5	Strongly agree	41



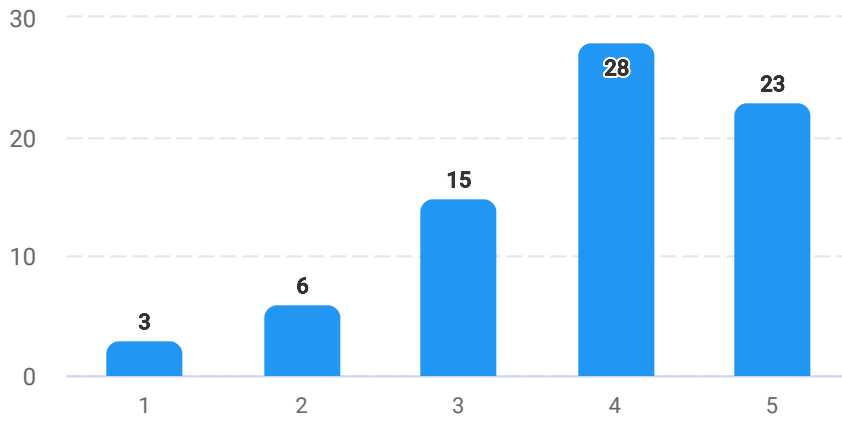
Average	4.40
Median	5.00
Mode	5
Std. Dev.	0.80
Variance	0.64

9

This course stimulated my desire to take additional courses in this subject area.

(Multi-Choice, Single Answer)

Value	Option	Total
1	Strongly disagree	3
2	Disagree	6
3	Neutral	15
4	Agree	28
5	Strongly agree	23




Average	3.83
Median	4.00
Mode	4
Std. Dev.	1.08
Variance	1.16

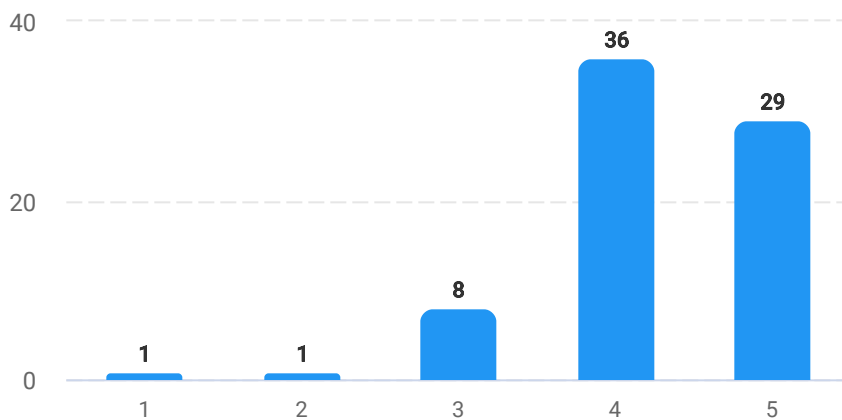
10

I understand the scientific process better as a result of taking this course.

(Multi-Choice, Single Answer)

 Scientific process

Value	Option	Total
1	Strongly disagree	1
2	Disagree	1
3	Neutral	8
4	Agree	36
5	Strongly agree	29




Average	4.21
Median	4.00
Mode	4
Std. Dev.	0.79
Variance	0.62

11

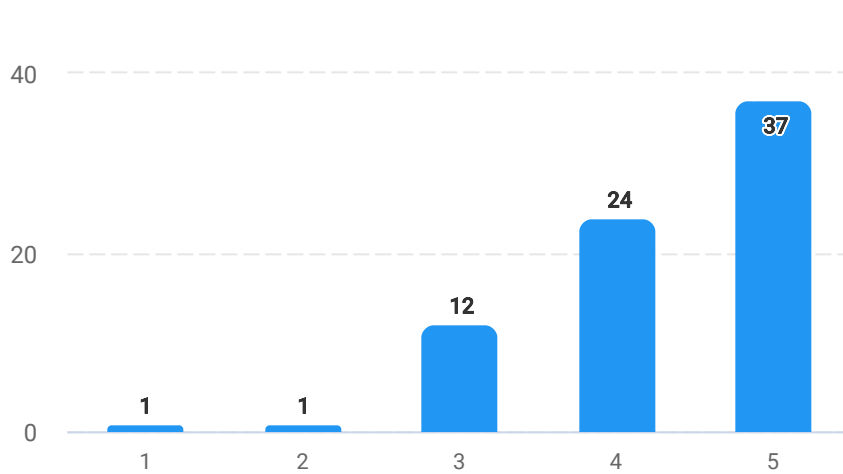
Overall, I would recommend this course to other students.

(Multi-Choice, Single Answer)

 recommend



Value	Option	Total
1	Strongly disagree	1
2	Disagree	1
3	Neutral	12
4	Agree	24
5	Strongly agree	37



Average	4.27
Median	4.00
Mode	5
Std. Dev.	0.87
Variance	0.76

12

What is your overall opinion of this course?

(Text/Memo)

- loved it
- Loved it, think Dr. Sharma has a lot of knowledge in the subject matter and can clearly and effectively teach topics through any medium whether online or in person.
- Overall really enjoyed a course that was very different than what I will be pursuing in the future and the other classes I have taken at UW-Madison. A great introductory course to invertebrate biology.
- I was worried about this course being taught all asynchronously but I have found that as long as I put in the work it was a very interesting and exciting topic and was well taught.
- This course was nothing like I expected, it was so much better! The exams were challenging but they were testing exactly what they said they would. I appreciate how there weren't any "trick" questions or anything like that (which I've had in many other courses) it was purely testing knowledge at a suitable level. The papers taught me so much on the real world application of the concepts and I really liked how the prof would go over them during lecture too so I got twice as much retention. The course overall taught me so many things and many ideas actually repeatedly came up in my other courses too which has rarely happened to me before. I wasn't even interested in invertebrates or biology and just took this class for the credits but I'm really glad I did. Professor sharma is also so kind and you can totally tell he's genuinely passionate about the topics he teaches which made the entire sucky online format experience so much better. It was a great class and I will recommend it to others in the future. Thanks!
- A little slow, but good class
- It was really great apporturnatiy and awesome experience to me becuase actually at the first time, I wasn't really interested in the area of the course of Zoology 300. But when I'm taking the course, it was including the interesting and curious part in the class. However, one thing that I was struggling on the course was taking exam. Because the exam was really difficult to me, I think the reason why I felt that was not because just the lecture was difficult, but because factor of lagnuage was the difficult. Of course, the lecture and contents, what I have learned were difficult, but a lot of vocaburary and words were made me feel difficult. I can't say that this course is easy, but I can pretty sure say that this class is great!!
- It was a great course and it was very well paced.
- This course and Professor was amazing! In any other biological sciences course it seemed the material(mainly the content on the quizzes and exams) was unnecessarily difficult in comparison to the content of the class, and I received a poor grade and didn't come out of it with much knowledge(i am a senior and this is my last bio sci class to take). This class- I am getting an A, and also feel like I've learned and grasped the information more than any other class! I wish all of the UW Madison biology classes and professors could be like this one. Truly. Thank you!!!!:)
- I actually really like this course, although I think it would be helpful to have a discussion section.
- I really enjoyed this course and although I was not initially too thrilled to have to take the class, I am very glad I did because through learning about different types of invertebrates I had a great time taking this class.
- This course is fantastic. I only took it to graduate, but I am very glad I did. There is a LOT of content, but if you are dedicated to it it's not bad. Professor Sharma is one of the BEST professors on this campus. He is able to clearly explain concepts that are incredibly complex and thoughtfully takes the time to do this to make sure we understand it. His breakdowns of the readings are essential and make them so much more readable. His enthusiasm and passion for this course is infectious and makes the material exciting. He also bonds with the students because he tells funny stories about himself that are relatable and don't make him seem like an academic with a huge ego. This course is not my related to my major much at all, but I would happily take any course Professor Sharma teaches. I have never said this about an instructor at this school before, but he deserves a raise!
- I absolutely loved this class. I thought the class flow, the amount of material covered and the grading was all fair. The only downfall of being online was not being able to see any cool specimens in person and not engaging with other students or the professor (aside from office hours), otherwise this worked quite well as an



online course.

- Course was very flexible due to it being asynchronous. Course content was very straight forward and well explained throughout the lectures.
- It was a super interesting course that was super well taught!
- loved it! like the incorporation of the research papers the best
- pretty good
- hard work but interesting content and an A is attainable
- In an in-person setting, I can see how one could get a lot out of this course. Professor Sharma is bright, but online it is hard just watching lecture videos and really retaining the information. I enjoyed the content and found the course to be interesting but again, I would have preferred to take it in person. I feel like I would have gotten more out of it.
- I enjoy this class. I appreciate that it is a challenging class but also there is room to do well in the course.
- Zoo 300 was a great survey course of invertebrate biology. Professor Sharma really got you excited about the material and tied everything in very well to current research. I especially loved the content dealing with evo devo and learning how to interpret data from papers. Overall, it was a lot of material to remember and categorize and I don't think I would have been able to do it in person, but having an open note/more conceptual format for the exams was extremely helpful.
- I LOVED this class. I really enjoyed learning about all the different phyla and the discussion of developmental genes (such as wnt and noggin) actually came up in my other research pursuits. Some of the knowledge about phylum is really helpful as well when i'm just out and about and I can identify invertebrates that I find. I will definitely recommend this class to other people. Also, I thought that the grading methods were really good for evaluating our knowledge.
- It was very interesting especially since I took it at the same time as parasitology, helped me appreciate real word application of some of the life cycles. One thing I would note is that I liked having a time limit on the quiz but two attempts better than just one attempt with unlimited time.
- I actually really liked it. The subject matter was very different from other biology courses I have taken so far but it was a well organized class that grasped my attention.
- This is one of the better classes I've taken in the life sciences, simply because it draws on current research and ties it together with concepts from phylogeny and evo-devo which helps to resolve some of our confusion about relationships between invertebrates and the origin of their unique characteristics.
- I liked this course a lot. The assignments seemed to be on very specific details and it was bothersome to have to rewatch all the lectures to find the specific information. The lectures themselves were fantastic though.
- I liked the format of the course, however, I think it would be a much better course to take in person. I believe this because I think that students would greatly benefit from going into a lab and seeing the organisms for themselves. It was hard for me to comprehend some of the more obscure and unfamiliar animals of the course, as I had never seen them in person.
- Great class, could present the information more organized and logically
- I thought the class was super interesting and all quizzes and exams were fair. I also enjoyed reading the research papers as they were all interesting!
- Although the hour and 15 minute lectures had a lot of information to get through, Professor Sharma has a clear passion for the field and made the class enjoyable with interspersed videos and personal anecdotes.
- I thought the material was very interesting and the instructor did a good job at presenting the information to us.
- Professor Sharma is extremely knowledgeable on what he is teaching and has a way of explaining complex material and readings in a way that makes it much more digestible and comprehensible and INTERESTING! He is somehow able to make organisms that you may never encounter in your lifetime much more personable and interesting to learn about.
- Excellent.



- This course had a lot of content for a 300 level course but was very interesting and helped me to understand animal relationships more.
- A great course that was very interesting and fun to be in
- Dr. Sharma is awesome! I usually consider myself a Biology major due to my interest in health sciences, but this course opened my eyes to a completely new world of science. Awesome professor, awesome course, I would highly recommend.
- It was surprisingly interesting
- At first I was hesitant to take this course as a biology requirement because I thought it would not really relate to other courses I have taken or align with my career goals. However, I can now say that I am so glad that I took this course because I really enjoyed it and it definitely expanded my biology knowledge. This course is so well organized and presents the material in such a clear and fascinating way. The professor is very knowledgeable in the field and he makes the lectures very interesting to listen to. I loved that he took feedback from students throughout the course and incorporated review slides into lectures on topics we found difficult during the previous week. I truly feel like the course was tailored to us and we were given numerous, adequate resources and strategies to succeed in the course. The assignments and exams were very fair and we were given ample amount of time to complete them. I feel like I learned so much from this course in such a short time due to the professor and the way that the course was set up. Overall, I really enjoyed this course and I will be recommending it to my peers.
- This class was very interesting and I found myself excited to learn more.
- I enjoyed this course! It was straightforward, interesting, and fair.
- Loved it-so well done. Dr. Sharma is one of the best lecturers at this school. It's an honor to learn from him.
- Great structure, awesome professor. Easy to follow lectures and opportunities to ask questions.
- A little boring and redundant. The labs and lectures could have correlated better. I wish more time had been spent on real world information and application of material and less on more "irrelevant" subjects such as the most specific aspects of cells.
- Overall I think it is a fine course. I wish there was less content so I could focus and learn from a few core areas.
- This class was good! I liked learning how to better assess research as well as learning about the individual phyla.
- Really a solid course that explored some interesting topics
- Prof Sharma is a great instructor. The course is interesting (although a little dense) and the exams are less difficult than I expected. I'm glad I took this course and I have a greater respect for the subject as a result
- it was a good course. And Professor Sharma was great!!! very kind and a great professor.
- Good
- Though the Lab wasn't offered due to Covid, I feel that having it would have helped make the small zygotes more visual. Other than that I thought it was very thoughtfully adapted to asynchronous learning.
- This course has reasonable expectations on a subject that many do not have a background in. I believe it is a fantastic gateway into getting students interested in invertebrate biology.
- I really enjoyed this course. Initially, it was not a course I was excited about taking, but I have found a new appreciation for the content and I really enjoyed this course.
- The difference between this course and others is the degree to which current research is presented. It's rare to have such a field where the landscape can change on a yearly basis. The professor did an excellent job of conveying just how dynamic the field of molecular phylogeny is. He also did a good job of distilling down topics that can be quite difficult to grapple with. For instance, if there was a paper that dealt with a gene regulatory network, he wouldn't just give us all the molecular details and let us fend for ourselves, he'd explain why the outcome was important and what it meant in the broader context. This is often the hardest part of a scientific paper to understand. I would 100% recommend this course to anyone remotely interested in both the biology of invertebrates and evolutionary biology as a whole.
- Prof. Sharma is awesome and I am extremely happy with my decision to take his course.



- It was a good course for a Zoology major.
- This class is set up very well. I had trouble grasping all the concepts because they're all new topics but I did appreciate the lectures.
- Prashant was a great instructor. He was clearly passionate about the subject and was invested in sharing his knowledge with students. He made sure that despite online learning, students were able to learn and succeed in his class if they were willing to put in the effort.
- I thoroughly enjoyed this course! The content was so interesting and I am now more aware of invertebrate biodiversity I never even knew existed before this course. I appreciate the organisms I learned about even more than before. The instructor was very passionate and knowledgeable about the content, making the course even more enjoyable. He was always very helpful about clearing up confusing topics, it was clear he genuinely cared about us understanding the material. I have already recommended this course to my friends and will continue to do so.
- Overall, this course is well organized and taught. Everything you needed to know to do good was available; all you have to do was commit the time and effort. Also, the lectures were interesting and fun.
- This was an amazing class and would probably be even better if it was in-person. I have learn much in this class and will be looking for more classes like it.
- I really enjoyed this course more than I thought I would. I worried I wouldn't find the information as interesting as I did. I would definitely recommend this course to others.
- It is well structured and it is very clear what is expected of students. I appreciate the course layout and general structure of the course. It is a solid course.

