






M. Armstrong Instructor feedback: Summer

1. How much prior knowledge did you have on this topic prior to the course?

[More Details](#)






 no prior knowledge	5
 Minimal prior knowledge	20
 moderate prior knowledge	11
 good prior knowledge	3
 excellent prior knowledge	2



2. Explicit module information was provided (e.g., course outline, pre-assessment, instructor bio, etc.).

[More Details](#)

 Insights






 Strongly agree	21
 Agree	19
 Disagree	0
 Strongly disagree	0
 Neutral	1



3. My teacher was able to teach or deliver the content in a way that supported my learning.

[More Details](#)

 Insights

 Strongly agree	25
 Agree	14
 Disagree	1
 Strongly disagree	1
 Neutral	0



4. My teacher provided options for interaction and collaboration between students and/or the teacher (e.g., discussion board, classroom discussion, chat, Q&A, journal, interactive activities, etc.).

[More Details](#)

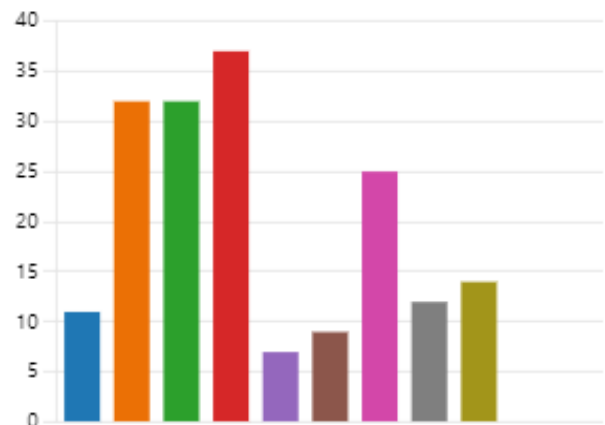
Never	0
Sometimes	0
Often	2
Frequently	10
Always	29



5. Which classroom activities did the instructor include that you found effective for your learning?

[More Details](#)






PowerPoint slides	11
Discussion	32
Interactive activity	32
Group work/discussion	37
Quizzes or prompting questions	7
Lab activity or Experiment	9
Examples and real world applica...	25
Images and Graphs	12
Video clips or media	14
None of the above	0
Other	0



6. The module used a variety of learning materials to engage me as a learner.

[More Details](#)

 Insights






 Strongly agree	23
 Agree	14
 Disagree	1
 Strongly disagree	0
 Neutral	3



7. The variety of learning activities and assessments (e.g., tests, assignments, projects, etc.) in this module supported my learning.

[More Details](#)

 Insights






 Strongly agree	17
 Agree	18
 Neutral	6
 Disagree	0
 Strongly disagree	0



8. this module included real life and/or relatable/practical examples that helped me learn (e.g., simulations, case studies, industry or community projects, capstone projects, labs, etc.).

[More Details](#)

 Insights

 Strongly agree	19
 Agree	20
 Disagree	0
 Strongly disagree	0
 Neutral	2



What did you like most about the module?

1. The interactive discussions were a fun way to expand my knowledge on sensory systems
2. the writing on the board and the presentation part
3. The different type of group activities the instructor conducted during the class.
4. I really enjoyed the interactive nature of this module. Comparing plant sensory systems to human sensory systems was very eye opening to me, and taught me about a topic I wasn't knowledgeable about prior.
5. I really liked how this was activity focused rather than just sitting and listening. It allowed me and other students to interact with each other and stay engaged to the learning. When someone teaching just speaks or reads off slides it eventually becomes hard to pay attention however Dr. Armstrong gave continuous breaks and interactive activities to ensure we are all engaged and contributing. In terms of module content, I really enjoyed coming up with different experiments and learning how experiments don't always have to be scientific but can be translated to more fun and play. A lot of students gave a lot of good ideas that opened me up to how incredible our senses are and how they can be applied. For example one student talked about a dark dance party where people stay clicking to make sure they're not bumping into each other.
6. I really liked how engaging this module was! It was extremely well done in that sense. I appreciated the group work and how the pre-assessment directly related to what we were doing in class.
7. I liked that the instructor included a variety of experiments to understand human sensory systems and perception of objects and the space around us. I liked the experiment about manipulation of objects
8. The groupwork and interaction with other students. If it weren't for their help, I wouldn't have caught some of the flaws in my ideas that they pointed out.
9. I really loved the fact that this class was highly interactive and prompted us to think from a non-STEM standpoint or through an artistic lens.
10. The interactive activities were a fun way to introduce me to certain sensory systems
11. I really enjoyed the promotion of innovative thinking and the challenge of applying those concepts through documented experimentation!
12. I enjoyed being active and moving around to help me better understand the topic of sensory movement
13. Learning about the human sensory system.
14. There were different activities to keep the engagement of the students. Such as the bouncing on the heels, or the visual blind spot activity.
15. I enjoyed that this module was focused on thinking outside of the box and using our knowledge to share ideas with others and vice versa. This was a very unique lecture in which the students led the discussions as we used our ideas to share knowledge to other members in the class.
16. I liked the group work and the given space for creativity.
17. I enjoyed how interactive and interdisciplinary the module was. I do enjoy learning about science and found it particularly interesting analyzing scientific topics from an arts and culture perspective.
18. I enjoyed being able to connect humans with other organisms like plants. I enjoyed being given the opportunity to find creative ways to test certain concepts. I really liked how they started the class with the land acknowledgement and some class rules.
19. I loved everything about this module. I loved the presentations.
20. I liked the interactive activities and frequent discussion with my peers

21. I really liked that the class was up and active for the major part of the lecture, and there was always some kind of engaging activity where we brainstormed and chatted with other students, it was very immersive
22. I enjoyed learning about the different senses
23. I liked how Dr. M showed us the limitations of human sensory systems in class using the printed sheets of paper and other activities.
24. I liked the method that the module was taught with group work and discussions
25. I liked the blind spot activity we did, and the brainstorming activity.
26. Group Work
27. I liked how there was a lot of opportunities for collaboration in this module. I also liked how Dr. Armstrong encourages my group to challenge our thoughts as scientists and look at the assignment through a different lens. This made me challenge my own ideas and look at things in a way I don't in most of my science based courses
28. The blind spot test and group discussion
29. how engaging her module was
30. I really enjoyed the introductory activities which primed my curiosity for sensory systems. I also really enjoyed the collaborative group work based on the videos we were supposed to watch before class. I also really appreciated the instructor feedback and clarification, I feel that it enhanced my critical and abstract thinking skills.
31. it was engaging and never boring
32. The real world examples of animals and systems, along with the creative elements of creating methods and experiments to assess what we learned
33. I really enjoyed the activities that we did at the start of the lesson, testing balance, determining blindspot in each eye etc. These activities were very engaging and kept me attentive during the lesson. It also made me highly interested in the topics we discussed.
34. Variety of learning styles addressed, visual learning via ppt, hands on learning with examples, group work etc
35. the interactive exercises
36. Learned about a new topic I had no background on.
37. I really loved that we did a variety of different activities and discussions. Learning from each other and having opportunities for collaboration was fun
38. The creativity behind the instructor's ways of teaching.
39. case group work
40. I liked the group collaboration and discussion elements

Is there anything that the instructor could do to improve your learning experience?

1. N/A! Would've liked to go outside but the coin made its decision :(
2. She did an amazing job. I would suggest maybe allowing us to warm up to each other before carrying out an awkward task like the bouncing. If we were more familiarized before doing the task I believe more people would've done the task better or participated in general. However this experience was incredible
3. I don't have many thoughts on how they can improve - my only thought is maybe around giving us more context for the purpose of activities as this lack of clarity was a little confusing for me.
4. reduce discussion times by a little bit as there was a lot of extra time where students started rambling and going off on a tangent, and this time could be better utilized to listen to other groups.

5. Maybe if you're going to have the amount of collaboration and group work involved, have the post assessment be in the same group format. Rather than re-type everything out on our own at home and replicate experiments, it would make more sense to have larger format group work.
6. The instructor's approach was highly effective in enhancing our learning experience. They provided us with excellent videos that discussed diverse concepts and created room for us to share insights about all the topics and ask questions.
7. I would have loved to have heard more about what sparked their interest in this field and opportunities of employment that they might recommend!
8. I think it would have been easier to learn if there was a slide show to reference, a lot of the time I got lost and was not sure what the point was. I also think that there was way too much group work, a little bit is fine but it was basically the whole three hours. And the presentations at the end of the group work felt ineffective, we already presented out ideas to our group mates why did we do it again. My learning experience would have been improved if there was less group work. It was also very difficult to focus with the instructor constantly saying things like "take off your stem hat" and use "play learning." I feel like if the instructor is set on using those terms they should define them first so the students know what they are talking about.
9. Nothing comes to mind in terms of improvement, loved their encouragement and positive spirit.
10. I would have enjoyed to have some sort of "lecture" at the beginning of the class to learn more about Dr. Armstrong's perspective on the topics discussed, as well as for them to share their knowledge on their field of research more, as I would love to hear about the research in this field of study.
11. maybe choose one topic to expand on it, bcs I feel that most of us just learnt their topic.
12. No, I very much enjoyed the entirety of this module and think it could only have been improved if we were able to go outside (but that's just a personal preference).
13. Next time, having a slide show might help. Sometimes, I find it better to understand concepts through pictures and words.
14. They did a wonderful job. I was paying attention the entire time of the module. No comment.
15. More concise explanations or perhaps examples of answers for the activities we were doing could have made the activities a bit easier to understand.
16. There could maybe be a slideshow to supplement the learning
17. I feel the mix of interactive activities and teaching was done well but the second portion of the module felt long with the long waiting times whilst just listening to group discussions which became somewhat repetitive between groups and both parts 1 and 2
18. Perhaps a more specific approach to the assignments could be given.
19. I found the post-assessment challenging to do since it is very abstract and difficult to complete in a short amount of time and with limited resources. I think answering questions based on what we learned would've supported my learning better.
20. I am very confused about the post-assessment, but this is likely a fault of my own. I am a STEM student through and through so I am used to strict rubrics and guidelines and the lack of one makes me anxious
21. maybe powerpoint
22. While I enjoyed the thorough explanations of activities, perhaps condensing the speeches might increase engagement and mitigate mind wandering.
23. I think everything went well, no suggestions
24. instructor was great

25. although we had creative freedom, I think having more structured discussion prompts or tangible goals would have been helpful because there were times where my group was sitting in silence haha
26. Being more explicit in what is required for the post assessment, as it was unclear