

Methodology

Below is the exact wording of each statement. Students are asked to rate their agreement with four assertions on a scale from 1 to 9, where 9 is equivalent to strongly agreeing with the statement, and 1 is equivalent to strongly disagreeing with the statement.

- The instructor raised questions or problems that encouraged me to think critically.
- The instructor's teaching style was dynamic and engaging.
- The instructor established a positive learning environment.
- The instructor enhanced my interest in the subjects explored.

SeminarName	CriticalThinking	TeachingStyle	PositiveEnvironment	EnhancedInterest	Comments
IST21AvaP: Introduction to Extragalactic Astrophysics	8	8	8	8	
IST21AvaP: Introduction to Extragalactic Astrophysics	8	9	9	9	
IST21AvaP: Introduction to Extragalactic Astrophysics	9	7	7	7	
IST21AvaP: Introduction to Extragalactic Astrophysics	8	8	8	8	
IST21AvaP: Introduction to Extragalactic Astrophysics	9	9	9	9	
IST21AvaP: Introduction to Extragalactic Astrophysics	9	9	9	9	
IST21AvaP: Introduction to Extragalactic Astrophysics	8	8	8	8	
IST22AvaP: Monetizing misinformation — what happens when astronomers sell out the science	8	8	9	8	
IST22AvaP: Monetizing misinformation — what happens when astronomers sell out the science	8	7	8	8	
IST22AvaP: Monetizing misinformation — what happens when astronomers sell out the science	9	9	9	9	
IST22AvaP: Monetizing misinformation — what happens when astronomers sell out the science	9	9	9	9	
IST23AvaP: Astronomy sans the white dudes	9	9	9	9	
IST23AvaP: Astronomy sans the white dudes	8	8	7	8	
IST23AvaP: Astronomy sans the white dudes	9	8	9	9	
IST23AvaP: Astronomy sans the white dudes	9	8	9	9	
IST23AvaP: Astronomy sans the white dudes	9	9	9	9	
IST24AvaP: Introduction to Stellar Astrophysics	8	7	8	8	
IST24AvaP: Introduction to Stellar Astrophysics	8	8	9	9	
IST24AvaP: Introduction to Stellar Astrophysics	8	8	8	8	
IST24AvaP: Introduction to Stellar Astrophysics	8	8	8	7	
IST31AvaP: Introduction to Extragalactic Astrophysics	9	9	9	9	The seminar was very productive and rewarding since it helped me expand my knowledge base as I learnt a lot of new and interesting things about galaxies. Moreover, interacting with the instructor and my peers from around the globe, through the course of the seminar, was truly a wonderful experience.
IST31AvaP: Introduction to Extragalactic Astrophysics	9	9	9	9	
IST31AvaP: Introduction to Extragalactic Astrophysics	9	9	9	9	Ava is the best! I'm so happy I had the opportunity to join her seminar. I learned so many new things about astrophysics, which made me want to study it in college even more. She was always open to answer all of our questions and make sure that we understood everything.
IST31AvaP: Introduction to Extragalactic Astrophysics	8	9	9	9	The instructor was really friendly and was very receptive to doubts and questions. In my opinion, she did quite well to explain an esoteric subject. The meme activity that she made us a play was without a doubt the most fun part of YYGS for me till now
IST31AvaP: Introduction to Extragalactic Astrophysics	9	9	9	9	I really enjoyed the seminar and how we always had time for questions. Making the memes at the end was also really fun!
IST32AvaP: Monetizing misinformation — what happens when astronomers sell out the science	9	9	9	9	Terrific seminar and a great way to teach how sources can seem trustworthy, but can be fabricated and use their platform to put money before the scientific process. Thank you Ava for teaching.
IST32AvaP: Monetizing misinformation — what happens when astronomers sell out the science	9	9	9	9	Ava is really great. But for my technological problem here in rural west bengal, i was unable to get the camera back then abd informed her the same. I was there for the full time. Still got the 2nd warning.
IST33AvaP: Astronomy sans the white dudes	9	9	9	9	
IST32AvaP: Monetizing misinformation — what happens when astronomers sell out the science	9	9	9	9	I loved it!
IST32AvaP: Monetizing misinformation — what happens when astronomers sell out the science	9	9	9	9	This seminar was really engaging, and we got a lot of opportunity to express what we think and also ask the instructor for guidance.
IST34AvaP: Introduction to Stellar Astrophysics	9	9	9	9	
IST34AvaP: Introduction to Stellar Astrophysics	9	9	9	9	I really enjoyed the way the presenter was so open to questions and slight tangents in conversation. This allowed us to get a better picture of the presenter's personality and love for their profession. Thank you!!
IST34AvaP: Introduction to Stellar Astrophysics	9	9	9	9	I loved it! I hope I can also learn about astronomy politics next time! ;)
IST34AvaP: Introduction to Stellar Astrophysics	9	9	9	9	Ava did a great job teaching us a very complex topic. Coming into these two sessions I had no idea what stellar astrophysics was, I just was interested in physics, but I learned a lot and took great notes to use in the future. I especially liked the meme creation portion. Great job Ava!
IST34AvaP: Introduction to Stellar Astrophysics	7	9	9	9	creating memes is a fantastic way of review and engagement.

Session	Critical Thinking	Dynamic & Engaging Teaching Style	Positive Learning Environment	Enhanced Interest in Subject
IST III - Overall	8.28	8.12	8.57	8.23
IST III - Personal	8.80	9.00	9.00	9.00
IST II - Overall	8.31	8.17	8.54	8.27
IST II - Personal	8.45	8.20	8.45	8.40