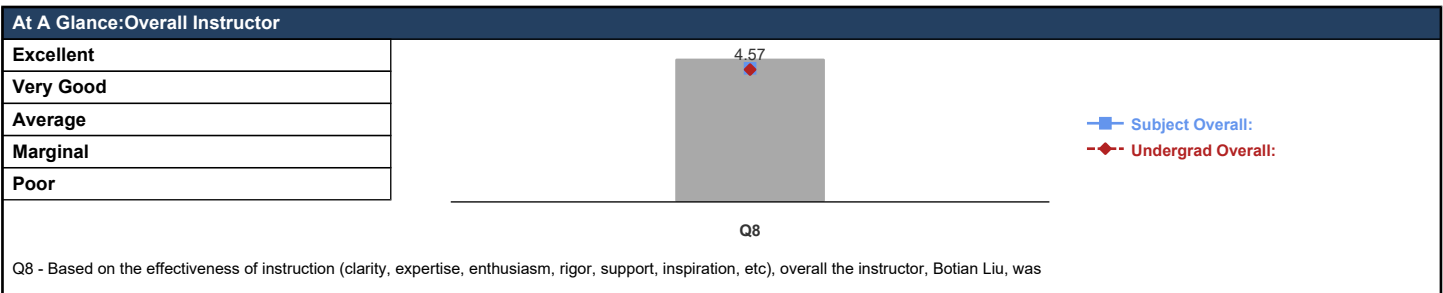
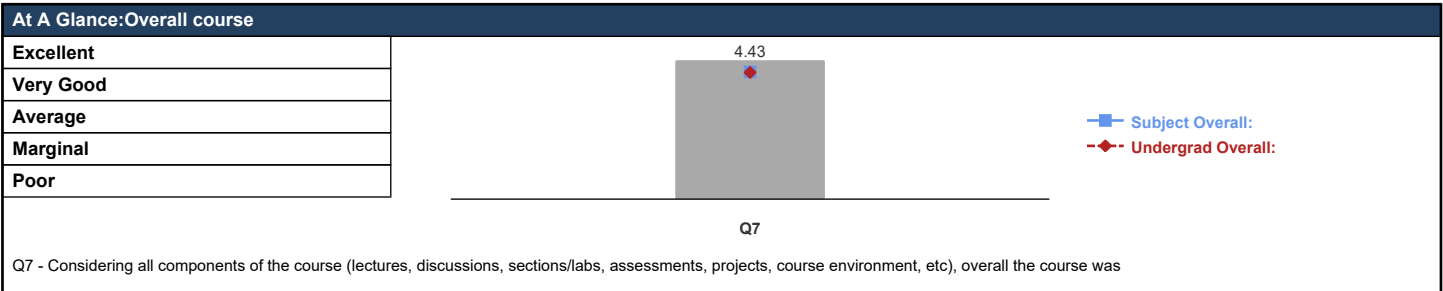
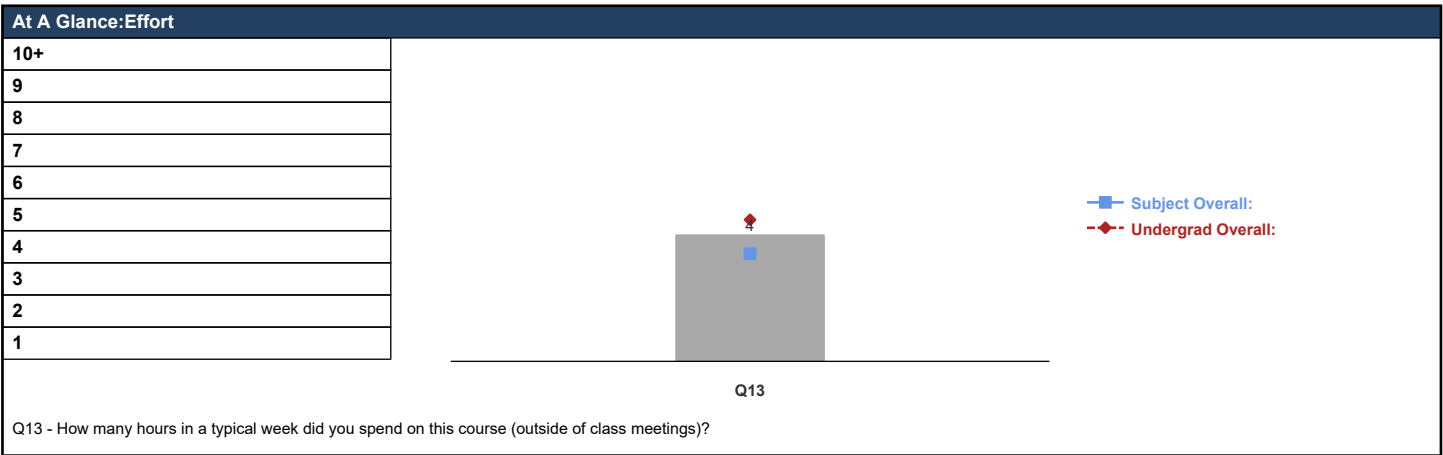
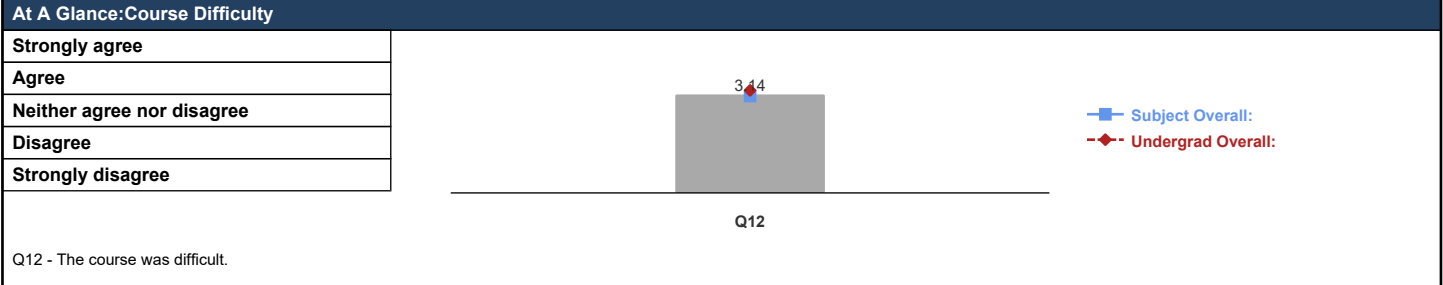


Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-01: LOGIC.PHIL-150-01.
Instructor: Botian Liu *
Response Rate: 7/9 (77.78 %)



Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-01: LOGIC.PHIL-150-01.

Instructor: Botian Liu *

Response Rate: 7/9 (77.78 %)

1 - Your personal level of engagement with the course was:												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Very low		(1)	0	0.00%								
Low		(2)	1	16.67%	█	3.50						
Medium		(3)	2	33.33%	██	3.88						
High		(4)	2	33.33%	██	3.94						
Very high		(5)	1	16.67%	█							
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:	
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median	
6/9 (66.67%)	3.50	1.05	3.50	147	3.88	0.92	4.00	17035	3.94	0.90	4.00	

2 - What knowledge, methods, skills, insights, or ways of thinking did you develop in this course? Please describe three specific things you learned.	
Response Rate	5/9 (55.56%)
<ul style="list-style-type: none"> I learned how to critically think and problem solve. I learned of the basic rules of logic and how to create logical formulas to represent real world argumentative essays. I learned how to understand a new method of writing/thinking, think outside the box to solve given problems, and openly ask questions. In terms of a new method of thinking, logic, specifically symbolic logic, is like another language so throughout the course, I learned to understand said language and apply the rules that we learned. In terms of thinking outside the box, we were often faced with proofs that were long and/or confusing, so I learned how to use my own knowledge and some creativity to approach them. Finally, my instructor welcomed questions and comments, so I learned to be more comfortable in engaging in class, especially with confusion. 1. propositional logic, 2. predicate logic, 3. methods of proof Learned how to properly evaluate logical arguments and how to symbolize logical arguments and prove their validity. I learned how to construct and deconstruct arguments, how to think more logically in order to have sound arguments, and learned how to view the arguments from a more quantitative perspective. 	

3 - Reflecting on the overall learning environment of this class, in what ways did the instructor(s) and the structure or components of the course facilitate your learning? Are there specific course components or methods of instruction you'd keep for future years?	
Response Rate	6/9 (66.67%)
<ul style="list-style-type: none"> It was a small class which was very helpful. The environment was very friendly and students felt compelled to raise their hand and share thoughts or questions. I also liked how it was a flipped classroom structure. Always being receptive to questions was helpful The instructor facilitated my learning by spending our classes enunciating the contents of the textbook and providing us with challenging practice problems and questions to keep us engaged. Great collaborative environment, very flexible, went to great lengths to explain clearly He helped by giving us in class exercises and homework as well as quizzes at the end of each class Professor Liu went above and beyond to facilitate learning in his classroom. Offering up his own free time for office hours and to proctor exams for students, he made the course a very welcome and safe learning environment for all students. 	

4 - What might improve the course? Are there specific course components or methods of instruction you'd change for future years? Did anything in particular impede a positive learning environment?	
Response Rate	6/9 (66.67%)
<ul style="list-style-type: none"> I wish we could have turned in graded homeworks instead of in-class quizzes each class to make sure we looked at the material. There was a big portion of the course focused on just memorizing definitions, which wasn't very interesting. I would focus less on testing for memorization and more on solving proofs and logic translations. It would also be helpful if more hands-on practice was given in class rather than just looking at examples on a powerpoint. I don't think the course can be improved. It was engaging, challenging, and my favorite class due to the balance of complex thinking and enjoyable mind problems. N/A Maybe more interactive work and less lecturing, or make the lectures easier to understand. The only thing I'd change about the course is how it starts at 8:30 in the morning. My participation suffered due to my own poor sleep schedule. 	

Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-01: LOGIC.PHIL-150-01.

Instructor: Botian Liu *

Response Rate: 7/9 (77.78 %)

5 - The course was intellectually stimulating. It made me think in new ways, encouraged me to adopt different points of view, or challenged me to develop new skills.

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%		4.71	4.42	4.24	Question	Subject Overall:	Undergrad Overall:		
Disagree	(2)	0	0.00%									
Neither agree nor disagree	(3)	1	14.29%									
Agree	(4)	0	0.00%									
Strongly agree	(5)	6	85.71%									
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median	
7/9 (77.78%)	4.71	0.76	5.00	148	4.42	0.75	5.00	16911	4.24	0.83	4.00	

6 - What made this class stimulating or how could it be more intellectually stimulating if it wasn't?

Response Rate 5/9 (55.56%)

- This class was stimulating because the material was entirely different and unique.
- The class was stimulating in itself due to the fact that the purpose of the course was to learn how to defend notions in the forms of proofs through specific rules. Each proof had multiple answers that could be arrived at through different methods of thinking, thereby giving us room to use our knowledge to solve the given problems.
- Relaxed environment with very interesting content for someone unfamiliar with logic 8:30am was difficult, although this was not a flaw of the class itself by any means
- It was stimulating because it was a course I was interested in and was right in my area of strength
- I had always superficially known that arguments could be deconstructed into their respective components in order to evaluate the strength of its proposal, but Professor Liu's course taught me that it went into so much more depth than I had imagined. It was intellectually stimulating to take a quantitative approach to using logic to determine an argument's strength.

7 - Considering all components of the course (lectures, discussions, sections/labs, assessments, projects, course environment, etc), overall the course was

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Poor	(1)	0	0.00%		4.43	4.06	4.04	Question	Subject Overall:	Undergrad Overall:		
Marginal	(2)	0	0.00%									
Average	(3)	0	0.00%									
Very Good	(4)	4	57.14%									
Excellent	(5)	3	42.86%									
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median	
7/9 (77.78%)	4.43	0.53	4.00	147	4.06	0.87	4.00	17008	4.04	0.92	4.00	

8 - Based on the effectiveness of instruction (clarity, expertise, enthusiasm, rigor, support, inspiration, etc), overall the instructor, Botian Liu, was -

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Poor	(1)	0	0.00%		4.57	4.26	4.22	Question	Subject Overall:	Undergrad Overall:		
Marginal	(2)	0	0.00%									
Average	(3)	0	0.00%									
Very Good	(4)	3	42.86%									
Excellent	(5)	4	57.14%									
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median	
7/9 (77.78%)	4.57	0.53	5.00	154	4.26	0.85	4.00	20006	4.22	0.94	4.00	

Duke University - Trinity and Pratt Undergraduate Programs
Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-01: LOGIC.PHIL-150-01.
Instructor: Botian Liu *
Response Rate: 7/9 (77.78 %)

9 - Based on the effectiveness of instruction (clarity, expertise, enthusiasm, rigor, support, inspiration, etc), overall the teaching assistant, , was													
Response Option		Weight	Frequency	Percent	Percent Responses			Means					
Poor		(1)	0	0.00%				4.20					
Marginal		(2)	0	0.00%				4.13					
Average		(3)	0	0.00%				0.00					
Very good		(4)	0	0.00%									
Excellent		(5)	0	0.00%									
N/A		(0)	0	0.00%									
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:		
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median		
0/9 (0.00%)	0.00	0.00	0.00	33	4.20	0.66	4.00	6794	4.13	0.94	4.00		

10 - In what ways did the teaching assistant(s) facilitate your learning and what might have helped even more? Include any constructive comments you'd like to share with here.	
Response Rate	0/9 (0%)

11 - What would you like to say about this course to a student who is considering taking it in the future?	
Response Rate	5/9 (55.56%)
<ul style="list-style-type: none"> • Read the textbooks! Don't fall behind. It is very similar to proofs in math. • This course was difficult but in an enjoyable way. I very much enjoyed learning the language of logic, especially symbolic logic, and I feel as though the course allowed me to think outside of the box and learn how to defend/understand different notions and processes. • Take this course if you have never done proofs before, and feel intimidated by jumping into mathematical proofs. It will teach a lot • It is worth it • Professor Liu is a good teacher, and most of all, he is a kind one. 	

12 - The course was difficult.													
Response Option		Weight	Frequency	Percent	Percent Responses			Means					
Strongly disagree		(1)	0	0.00%				3.14					
Disagree		(2)	2	28.57%	■			3.09					
Neither agree nor disagree		(3)	2	28.57%	■			3.27					
Agree		(4)	3	42.86%	■								
Strongly agree		(5)	0	0.00%									
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:		
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median		
7/9 (77.78%)	3.14	0.90	3.00	146	3.09	0.98	3.00	16988	3.27	1.08	3.00		

Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-01: LOGIC.PHIL-150-01.

Instructor: Botian Liu *

Response Rate: 7/9 (77.78 %)

13 - How many hours in a typical week did you spend on this course (outside of class meetings)?												
Response Option	Weight	Frequency	Percent	Percent Responses	Means							
1	(1)	1	14.29%									
2	(2)	0	0.00%									
3	(3)	2	28.57%									
4	(4)	2	28.57%									
5	(5)	1	14.29%									
6	(6)	0	0.00%									
7	(7)	0	0.00%									
8	(8)	1	14.29%									
9	(9)	0	0.00%									
10+	(10)	0	0.00%									
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:	
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median	
7/9 (77.78%)	4.00	2.16	4.00	148	3.39	1.69	3.00	17000	4.46	2.42	4.00	

14 - The pace at which course material is covered is:												
Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Too fast	(1)	0	0.00%									
Slightly fast	(2)	2	28.57%									
About right	(3)	5	71.43%									
Slightly slow	(4)	0	0.00%									
Too slow	(5)	0	0.00%									
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:	
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median	
7/9 (77.78%)	2.71	0.49	3.00	12	2.75	0.62	3.00	55	2.47	0.57	2.00	

15 - What in the class so far has helped your learning the most?	
Response Rate	6/9 (66.67%)
<ul style="list-style-type: none"> • The approachability of the professor, the textbook, and the slides shared on sakai. • Doing practice problems in class • The fact that the instructor would assign us textbook readings and practice problems for homework and then spend class reviewing the contents of the textbook and solving more practice problems helped me to understand the topic through reinforcement and ask relevant questions. • Plentiful practice • the quizzes • In-class exercises and out of class exercises. 	

16 - How effective were the class lectures? What were the strengths, and what might you change?	
Response Rate	6/9 (66.67%)
<ul style="list-style-type: none"> • I liked how we always recapped what we had to read in order to prepare for the class. I am not sure if I would change anything. • More time dedicated to doing practice problems • They were extremely effective. They allowed me to truly understand the readings done at home and the processes required for the course rather than just memorizing rules. I would change nothing as I very much enjoyed everything about the course. • Very effective, at times repetitive. Best lectures were days that introduced material not in the text • Effective enough, but could be more interactive and slightly easier to understand. • They were effective due to the way the course was structured in that the required reading was done before hand, and the lectures held in order to reinforce the topics and to solicit help from Professor Liu on any questions. 	

Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-01: LOGIC.PHIL-150-01.

Instructor: Botian Liu *

Response Rate: 7/9 (77.78 %)

17 - The instructor communicates course ideas in an effective manner.												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%		4.43	4.00		4.08			
Disagree		(2)	0	0.00%								
Neither agree nor disagree		(3)	0	0.00%								
Agree		(4)	4	57.14%								
Strongly agree		(5)	3	42.86%								
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:	
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median	
7/9 (77.78%)	4.43	0.53	4.00	12	4.00	1.13	4.00	13	4.08	1.12	4.00	

18 - The instructor's style of presentation holds my interest during class.												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%		4.29	4.25		3.75			
Disagree		(2)	1	14.29%								
Neither agree nor disagree		(3)	0	0.00%								
Agree		(4)	2	28.57%								
Strongly agree		(5)	4	57.14%								
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:	
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median	
7/9 (77.78%)	4.29	1.11	5.00	12	4.25	0.97	4.50	73	3.75	1.09	4.00	

19 - What from this course do you imagine might be useful in your future career or life in general?	
Response Rate	5/9 (55.56%)
<ul style="list-style-type: none"> • Learning how to problem solve. I learned how to always review material to be ready for class which can translate for a meeting or interview environment. • The course taught me how to thoughtfully and skillfully solve any given problem, despite its complexity or the amount of information provided, a skill that will be very useful in my future career and life in general. • Logical thinking skills • The basic knowledge of how to examine logic. • Applying logic to my everyday life and thinking in a more rational manner. 	

20 - Would you like to provide any other comments about this course?	
Response Rate	4/9 (44.44%)
<ul style="list-style-type: none"> • I absolutely loved this course (it was my favorite class). Our instructor was very organized and proctored stimulating and inclusive conversations. I would at times enter class confused on the topics in the previous night's readings, but I never left said class confused and was rather left with more knowledge and insight than I had entered with. The instructor was additionally engaging and always willing to explain in details any lessons, rules, etc. that we had questions about. Overall, this course was very engaging, enjoyable, and beneficial for whatever my future endeavors may be. • Botian was great! • no • Thank you for the semester Professor Liu. You were a bright spot during a rough time in my life, and I won't ever forget your kindness. 	

Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-03: LOGIC.PHIL-150-03.
Instructor: Botian Liu *
Response Rate: 5/12 (41.67 %)

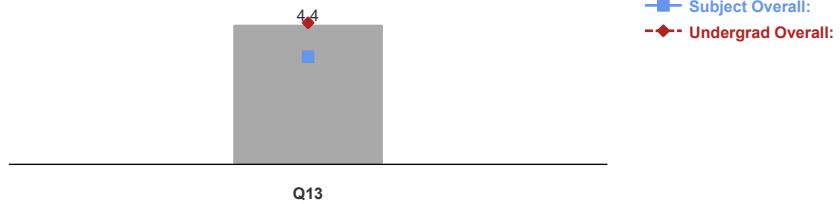
At A Glance:Course Difficulty

Strongly agree
Agree
Neither agree nor disagree
Disagree
Strongly disagree



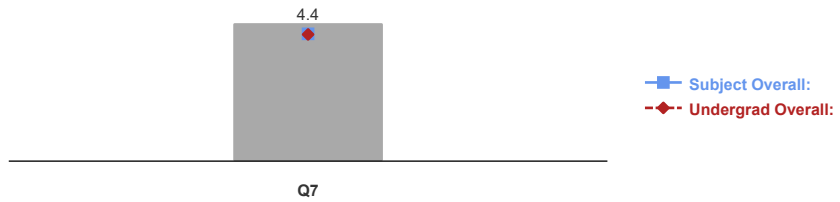
At A Glance:Effort

10+
9
8
7
6
5
4
3
2
1



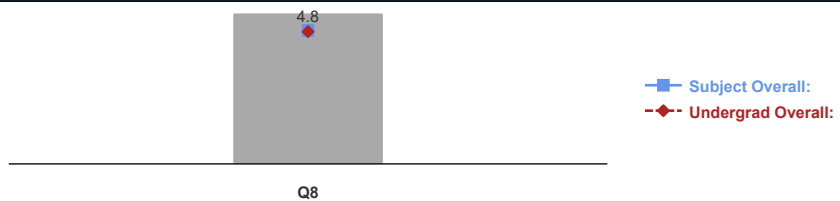
At A Glance:Overall course

Excellent
Very Good
Average
Marginal
Poor



At A Glance:Overall Instructor

Excellent
Very Good
Average
Marginal
Poor



Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-03: LOGIC.PHIL-150-03.

Instructor: Botian Liu *

Response Rate: 5/12 (41.67 %)

1 - Your personal level of engagement with the course was:												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Very low		(1)	0	0.00%		4.20	3.88	3.94	Question	Subject Overall:	Undergrad Overall:	
Low		(2)	0	0.00%								
Medium		(3)	1	20.00%								
High		(4)	2	40.00%								
Very high		(5)	2	40.00%								
Response Rate		Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median
5/12 (41.67%)		4.20	0.84	4.00	147	3.88	0.92	4.00	17035	3.94	0.90	4.00

2 - What knowledge, methods, skills, insights, or ways of thinking did you develop in this course? Please describe three specific things you learned.	
Response Rate	5/12 (41.67%)
<ul style="list-style-type: none"> logics in philosophy constructing, proving, and verifying symbolic logic statements from the everyday English language. I learned to think more critically in every aspect of my life. I developed my deductive reasoning skills. I learned to be a more effective communicator through the skills I learned in logic. 1. A good understanding of statement/predicate logic, and how to construct proofs using rules 2. Translating english phrases into statement/predicate logic in order to prove these statements using rules 3. A good overview of the field of logic as a whole It was a great introduction to logic! 	

3 - Reflecting on the overall learning environment of this class, in what ways did the instructor(s) and the structure or components of the course facilitate your learning? Are there specific course components or methods of instruction you'd keep for future years?	
Response Rate	4/12 (33.33%)
<ul style="list-style-type: none"> perfect The daily quizzes/group activities were imperative for facilitating the depth of knowledge in the class Having frequent quizzes helped me to stay on task and not fall behind. The homework that was assigned helped to reinforce what the book and lectures were teaching. I would definitely keep this level of engagement with the material. I think the pace of the course was good. Doing practice problems in class/going over proofs was helpful to ensure that we understood the rules, and allowed us to ask questions. I also think going over particularly tricky/challenging problems in class was helpful. The weekly quizzes were good to ensure I was keeping up with the course material 	

4 - What might improve the course? Are there specific course components or methods of instruction you'd change for future years? Did anything in particular impede a positive learning environment?	
Response Rate	4/12 (33.33%)
<ul style="list-style-type: none"> perfect, professor was helpful and very approachable the current design of the class was amazing for the course. I would refrain from using digital lectures, as the connection to the material does not come across very well. Nothing in this course impede a positive learning environment. The small intimate class size was perfect. The teacher was very effective at teaching the material in a way that kept us engaged. There is a lot of material to cover and the pace was fast but necessary to cover everything. Not much, I think the course was perfect as it was 	

5 - The course was intellectually stimulating. It made me think in new ways, encouraged me to adopt different points of view, or challenged me to develop new skills.												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%		4.40	4.42	4.24	Question	Subject Overall:	Undergrad Overall:	
Disagree		(2)	0	0.00%								
Neither agree nor disagree		(3)	0	0.00%								
Agree		(4)	3	60.00%								
Strongly agree		(5)	2	40.00%								
Response Rate		Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median
5/12 (41.67%)		4.40	0.55	4.00	148	4.42	0.75	5.00	16911	4.24	0.83	4.00

Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-03: LOGIC.PHIL-150-03.

Instructor: Botian Liu *

Response Rate: 5/12 (41.67 %)

6 - What made this class stimulating or how could it be more intellectually stimulating if it wasn't?

Response Rate 4/12 (33.33%)

- already perfect
- The application of symbolic logic to the statements of everyday arguments.
- I found myself utilizing the skills I learned in logic in other courses. When I tackle difficult subjects I am better able to use the deductive reasoning skills learned in logic to think about the problem more critically. My problem solving skills and ways that I communicate with others has greatly improved due to what I learned in logic.
- It would be good if we had more examples of challenging proofs to practice on our own. Other than that, not much

7 - Considering all components of the course (lectures, discussions, sections/labs, assessments, projects, course environment, etc), overall the course was

Response Option	Weight	Frequency	Percent	Percent Responses	Means									
Poor	(1)	0	0.00%											
Marginal	(2)	0	0.00%											
Average	(3)	0	0.00%											
Very Good	(4)	3	60.00%											
Excellent	(5)	2	40.00%											
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:			
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median			
5/12 (41.67%)	4.40	0.55	4.00	147	4.06	0.87	4.00	17008	4.04	0.92	4.00			

8 - Based on the effectiveness of instruction (clarity, expertise, enthusiasm, rigor, support, inspiration, etc), overall the instructor, Botian Liu, was -

Response Option	Weight	Frequency	Percent	Percent Responses	Means									
Poor	(1)	0	0.00%											
Marginal	(2)	0	0.00%											
Average	(3)	0	0.00%											
Very Good	(4)	1	20.00%											
Excellent	(5)	4	80.00%											
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:			
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median			
5/12 (41.67%)	4.80	0.45	5.00	154	4.26	0.85	4.00	20006	4.22	0.94	4.00			

9 - Based on the effectiveness of instruction (clarity, expertise, enthusiasm, rigor, support, inspiration, etc), overall the teaching assistant, was

Response Option	Weight	Frequency	Percent	Percent Responses	Means									
Poor	(1)	0	0.00%											
Marginal	(2)	0	0.00%											
Average	(3)	0	0.00%											
Very good	(4)	0	0.00%											
Excellent	(5)	0	0.00%											
N/A	(0)	0	0.00%											
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:			
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median			
0/12 (0.00%)	0.00	0.00	0.00	33	4.20	0.66	4.00	6794	4.13	0.94	4.00			

10 - In what ways did the teaching assistant(s) facilitate your learning and what might have helped even more? Include any constructive comments you'd like to share with here.

Response Rate 0/12 (0%)

Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-03: LOGIC.PHIL-150-03.

Instructor: Botian Liu *

Response Rate: 5/12 (41.67 %)

11 - What would you like to say about this course to a student who is considering taking it in the future?

Response Rate 4/12 (33.33%)

- take it with this professor
- If you show up every day it will be easy to understand the material. Professor Botian does an amazing job of pointing out common misconceptions while not feeling like he's calling you out.
- I don't know about other professors but Botian Liu is an excellent logic teacher. The material can be a bit difficult to grasp but once you get it it is very rewarding. I learned so much from him. I will take these skills and be able to apply them in other areas of my life.
- It's a good course to take to fulfill humanities requirements in a major where you might be writing proofs (math/compsci/etc). It gives you a good foundation to think about stepping through problems in a logical manner, which may help when writing proofs in other classes. You also might learn about a few logical relationships that you may have intuitively known but that you hadn't seen formally defined before. It's a pretty good course and I would recommend it if you're looking for something that's not too challenging but can still help you learn/formulate ideas.

12 - The course was difficult.

Response Option	Weight	Frequency	Percent	Percent Responses	Means									
Strongly disagree	(1)	1	20.00%											
Disagree	(2)	1	20.00%											
Neither agree nor disagree	(3)	1	20.00%											
Agree	(4)	2	40.00%											
Strongly agree	(5)	0	0.00%											
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:			
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median			
5/12 (41.67%)	2.80	1.30	3.00	146	3.09	0.98	3.00	16988	3.27	1.08	3.00			

13 - How many hours in a typical week did you spend on this course (outside of class meetings)?

Response Option	Weight	Frequency	Percent	Percent Responses	Means									
1	(1)	1	20.00%											
2	(2)	0	0.00%											
3	(3)	2	40.00%											
4	(4)	0	0.00%											
5	(5)	1	20.00%											
6	(6)	0	0.00%											
7	(7)	0	0.00%											
8	(8)	0	0.00%											
9	(9)	0	0.00%											
10+	(10)	1	20.00%											
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:			
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median			
5/12 (41.67%)	4.40	3.44	3.00	148	3.39	1.69	3.00	17000	4.46	2.42	4.00			

14 - The pace at which course material is covered is:

Response Option	Weight	Frequency	Percent	Percent Responses	Means									
Too fast	(1)	0	0.00%											
Slightly fast	(2)	2	40.00%											
About right	(3)	2	40.00%											
Slightly slow	(4)	1	20.00%											
Too slow	(5)	0	0.00%											
					0	25	50	100	Question	Subject Overall:	Undergrad Overall:			
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median			
5/12 (41.67%)	2.80	0.84	3.00	12	2.75	0.62	3.00	55	2.47	0.57	2.00			

Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-03: LOGIC.PHIL-150-03.

Instructor: Botian Liu *

Response Rate: 5/12 (41.67 %)

15 - What in the class so far has helped your learning the most?

Response Rate 5/12 (41.67%)

- slides
- The online digital practice is very helpful for unique problems
- Doing problem sets and attending lectures. You must engage with the material if you are going to be successful in logic. If you put in the time this class is very rewarding!
- Practice problems, especially the challenging ones. Stepping through problems is by far the best way to grasp and remember concepts
- Textbook

16 - How effective were the class lectures? What were the strengths, and what might you change?

Response Rate 4/12 (33.33%)

- highly effective
- Extremely effective when taught in person. I would refrain from using digital lectures.
- Lectures were very effective. Botian Liu is a very smart and effective teacher. He takes his time to explain the material in such a way that makes it easy to apply the concepts. Lectures helped reinforce the readings in a concrete way.
- Lectures were good, I would prefer we mostly do practice problems because the reading was assigned for homework, I didn't really see the purpose in reviewing it.

17 - The instructor communicates course ideas in an effective manner.

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	1	20.00%								
Disagree	(2)	0	0.00%								
Neither agree nor disagree	(3)	1	20.00%								
Agree	(4)	2	40.00%								
Strongly agree	(5)	1	20.00%								
0 25 50 100					Question	Subject Overall:	Undergrad Overall:				
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median
5/12 (41.67%)	3.40	1.52	4.00	12	4.00	1.13	4.00	13	4.08	1.12	4.00

18 - The instructor's style of presentation holds my interest during class.

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%								
Disagree	(2)	0	0.00%								
Neither agree nor disagree	(3)	1	20.00%								
Agree	(4)	2	40.00%								
Strongly agree	(5)	2	40.00%								
0 25 50 100					Question	Subject Overall:	Undergrad Overall:				
Response Rate	Mean	STD	Median	Subject Overall:	Mean	STD	Median	Undergrad Overall:	Mean	STD	Median
5/12 (41.67%)	4.20	0.84	4.00	12	4.25	0.97	4.50	73	3.75	1.09	4.00

19 - What from this course do you imagine might be useful in your future career or life in general?

Response Rate 5/12 (41.67%)

- about logics
- Breaking down the argumentative statements of others
- Critical thinking skills. Effective communication skills. Deductive reasoning skills. All of these skills are transferable to life and career aspirations that I have.
- If I were ever to go into research in Computer Science, the ideas of proof writing could be useful. I also just think it's useful to think about these logical relationships and understand them to have a better idea of how to make good arguments.
- Analyzing the validity of the arguments

Duke University - Trinity and Pratt Undergraduate Programs

Undergraduate Course Evaluations - Fall 2022

Course: PHIL-150-03: LOGIC.PHIL-150-03.

Instructor: Botian Liu *

Response Rate: 5/12 (41.67 %)

20 - Would you like to provide any other comments about this course?	
Response Rate	3/12 (25%)
<ul style="list-style-type: none">• perfect• This course is lots of fun if you really get into the material.• This class is not easy but what you learn in so valuable. If you put in the time you will be rewarded with a set of skills that you can use throughout your college career and beyond. I am so happy taht I decided to take logic!	

Duke University - Course Evaluations

Undergraduate Course Evaluations - Fall 2023

Course: PHIL-103S-02: INTRO TO PHILOSOPHY.PHIL-103S-02.
Instructor: Botian Liu *
Response Rate: 6/11 (54.55 %)

1 - Your personal level of engagement with the course was:

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Very low	(1)	0	0.00%		4.20	3.89	3.96					
Low	(2)	0	0.00%									
Medium	(3)	1	20.00%									
High	(4)	2	40.00%									
Very high	(5)	2	40.00%									
					0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
5/11 (45.45%)	4.20	0.84	4.00	125	3.89	0.77	4.00	17055	3.96	0.91	4.00	

2 - What knowledge, methods, skills, insights, or ways of thinking did you develop in this course? Please describe three specific things you learned.

Response Rate	5/11 (45.45%)
<ul style="list-style-type: none"> I think I learned that struggling through a reading is actually very helpful for your understanding, how to critically engage with complex arguments, and how to engage in arguments politely. In our philosophy course, I honed my ability to critically analyze complex ideas, cultivating a skill for dissecting arguments and discerning underlying assumptions. Additionally, delving into various philosophical schools of thought broadened my perspective, fostering a nuanced understanding of diverse perspectives and enhancing my capacity for empathetic reasoning. Lastly, the emphasis on logical reasoning and constructing coherent arguments has equipped me with the tools to articulate and defend my own philosophical positions more effectively. stronger writing skills, better reading comprehension skills, and thinking in new ways. I learned that sometimes, the simple answer isn't the right one; I learned that multiple people can have different understandings of the same concept and all be correct; and I learned that philosophy has mainly been the study of "old white dudes," and it's important to consider that element of their privilege while analyzing it. How to analyze arguments, how to read philosophy, how to write well 	

3 - Reflecting on the overall learning environment of this class, in what ways did the instructor(s) and the structure or components of the course facilitate your learning? Are there specific course components or methods of instruction you'd keep for future years?

Response Rate	5/11 (45.45%)
<ul style="list-style-type: none"> I think the professors openness to all ideas allowed the class to be a calm environment. The instructor's engaging teaching style and encouragement of open philosophical discussions significantly contributed to my learning experience. The structured format of Socratic dialogues allowed for a deeper exploration of philosophical concepts, fostering critical thinking. Additionally, incorporating real-world examples into lectures effectively connected abstract theories to practical applications, enhancing my understanding of philosophical principles. I would recommend maintaining these interactive discussions, structured formats, and real-world connections for future philosophy classes. Throughout the course, I learned to deconstruct arguments effectively, appreciate the nuances of ethical dilemmas, and develop a more nuanced understanding of various philosophical perspectives. very accessible for office hours, leaves thoughtful feedback on work, and offers regrade option Professor Liu's class was the best environment of any of mine this semester, I was so lucky to start off my time at Duke with him. His seminar always promoted conversation and debate. Discussion was great! Varying the environment of the class really helped too. 	

4 - What might improve the course? Are there specific course components or methods of instruction you'd change for future years? Did anything in particular impede a positive learning environment?

Response Rate	3/11 (27.27%)
<ul style="list-style-type: none"> spending more time on readings Maybe more options for readings? Or another section on philosophy produced my non-white philosophers? Philosophy of race for example could be cool, sort of similar to how we had a little segment on feminist philosophy. Also, maybe instead of/on top of reading discussion posts, there could be ones due at the end of each week (which was like designated a question for topic) as a general reflection on what you learned or how you would answer the question? Literally just make it not an 8:30. No other improvements, just let us sleep. 	

Duke University - Course Evaluations

Undergraduate Course Evaluations - Fall 2023

Course: PHIL-103S-02: INTRO TO PHILOSOPHY.PHIL-103S-02.
Instructor: Botian Liu *
Response Rate: 6/11 (54.55 %)

5 - The course was intellectually stimulating. It made me think in new ways, encouraged me to adopt different points of view, or challenged me to develop new skills.

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Poor	(1)	0	0.00%		4.60	4.37	4.12				
Marginal	(2)	0	0.00%								
Average	(3)	0	0.00%								
Very Good	(4)	2	40.00%								
Excellent	(5)	3	60.00%								
					Question	Dept/Program (UGRD)	Undergrad Overall				
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median
5/11 (45.45%)	4.60	0.55	5.00	126	4.37	0.85	5.00	16932	4.12	0.89	4.00

6 - What made this class stimulating or how could it be more intellectually stimulating if it wasn't?

Response Rate 4/11 (36.36%)

- From my perspective, the philosophy class was intellectually stimulating due to the thought-provoking discussions that challenged my existing beliefs and encouraged critical thinking. The instructor's ability to connect abstract concepts to real-world examples also enhanced my understanding of complex philosophical ideas. Additionally, exploring diverse philosophical perspectives exposed me to a range of thought processes, fostering a more comprehensive and nuanced approach to analyzing issues.
- pushed me to think about the topic in a new way
- Professor Liu is very engaging and the questions he asks force thoughtful response.
- Since it was discussion based, it caused me to often rethink my original opinions on the readings and intellectually engage with the material.

7 - Considering all components of the course (lectures, discussions, sections/labs, assessments, projects, course environment, etc), overall the course was

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Poor	(1)	0	0.00%		4.40	4.21	4.05				
Marginal	(2)	0	0.00%								
Average	(3)	0	0.00%								
Very Good	(4)	3	60.00%								
Excellent	(5)	2	40.00%								
					Question	Dept/Program (UGRD)	Undergrad Overall				
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median
5/11 (45.45%)	4.40	0.55	4.00	126	4.21	0.81	4.00	16978	4.05	0.92	4.00

8 - Based on the effectiveness of instruction (clarity, expertise, enthusiasm, rigor, support, inspiration, etc), overall the instructor, Botian Liu, was -

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Poor	(1)	0	0.00%		5.00	4.38	4.22				
Marginal	(2)	0	0.00%								
Average	(3)	0	0.00%								
Very Good	(4)	0	0.00%								
Excellent	(5)	5	100.00%								
					Question	Dept/Program (UGRD)	Undergrad Overall				
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median
5/11 (45.45%)	5.00	0.00	5.00	136	4.38	0.80	5.00	19960	4.22	0.95	4.00

Duke University - Course Evaluations

Undergraduate Course Evaluations - Fall 2023

Course: PHIL-103S-02: INTRO TO PHILOSOPHY.PHIL-103S-02.
Instructor: Botian Liu *
Response Rate: 6/11 (54.55 %)

9 - Based on the effectiveness of instruction (clarity, expertise, enthusiasm, rigor, support, inspiration, etc), overall the teaching assistant, , was												
Response Option		Weight	Frequency	Percent	Percent Responses			Means				
Poor		(1)	0	0.00%								
Marginal		(2)	0	0.00%								
Average		(3)	0	0.00%								
Very good		(4)	0	0.00%								
Excellent		(5)	0	0.00%								
N/A		(6)	0	0.00%								
					0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
0/11 (0.00%)	0.00	0.00	0.00	65	4.14	1.10	4.00	6287	4.89	1.13	5.00	

10 - In what ways did the teaching assistant(s) facilitate your learning and what might have helped even more? Include any constructive comments you'd like to share with here.

Response Rate 0/11 (0%)

11 - What would you like to say about this course to a student who is considering taking it in the future?

Response Rate 4/11 (36.36%)

- This philosophy course profoundly explores fundamental questions about existence, knowledge, and morality. Throughout the term, I gained a deeper appreciation for the intricate nature of ethical dilemmas, sharpened my critical thinking skills in dissecting complex arguments, and developed a more nuanced understanding of diverse philosophical perspectives. Engaging in thought-provoking discussions with classmates and delving into timeless philosophical texts has expanded my intellectual horizons and provided me with valuable tools for navigating the intricacies of life's uncertainties.
- take this class if you are interested in thoughtfully engaging with new ideas and challenging existing ones
- Do it! It was the only time I've ever been excited to wake up for an 8:30 in my life.
- Take it!!!! Literally told all of my friends to sign up for a philosophy course, with Prof Liu if they can.

12 - The course was difficult.												
Response Option		Weight	Frequency	Percent	Percent Responses			Means				
Strongly disagree		(1)	0	0.00%								
Disagree		(2)	1	20.00%	█			3.20				
Neither agree nor disagree		(3)	3	60.00%	██████████			3.23				
Agree		(4)	0	0.00%				3.25				
Strongly agree		(5)	1	20.00%	█							
					0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
5/11 (45.45%)	3.20	1.10	3.00	125	3.23	0.97	3.00	16963	3.25	1.10	3.00	

Duke University - Course Evaluations

Undergraduate Course Evaluations - Fall 2023

Course: PHIL-103S-02: INTRO TO PHILOSOPHY.PHIL-103S-02.
Instructor: Botian Liu *
Response Rate: 6/11 (54.55 %)

13 - How many hours in a typical week did you spend on this course (outside of class meetings)?												
Response Option	Weight	Frequency	Percent	Percent Responses	Means							
1	(1)	1	20.00%									
2	(2)	1	20.00%									
3	(3)	3	60.00%									
4	(4)	0	0.00%									
5	(5)	0	0.00%									
6	(6)	0	0.00%									
7	(7)	0	0.00%									
8	(8)	0	0.00%									
9	(9)	0	0.00%									
10+	(10)	0	0.00%									
					0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
5/11 (45.45%)	2.40	0.89	3.00	125	3.52	1.67	3.00	17007	4.39	2.39	4.00	

14 - Is the class fun and enjoyable? Which aspects of the class do you find most enjoyable? Which aspects of the class do you find least enjoyable.	
Response Rate	5/11 (45.45%)
<ul style="list-style-type: none"> I found the discussions enjoyable I find the philosophy class both stimulating and enjoyable. Delving into profound philosophical concepts and engaging in thoughtful discussions with classmates has been intellectually rewarding. However, at times, I find the abstract nature of certain theories challenging to grasp, which can be the least enjoyable aspect. Three specific things I've learned include understanding the nuances of ethical dilemmas, exploring various epistemological perspectives, and grappling with existentialist ideas about individual freedom and responsibility. yes very fun. took us outside a few times, botian is very interested in making class engaging and fun It was fun when our debates would go on tangents and everyone was sharing their ideas and opinions, plus Professor Liu is very funny. Yes, very--Professor Liu created a very open and inviting environment to be in, and I loved that he was able to incorporate aspects of humor into our discussions while still keeping us on track. The only thing that sucked was that it was an 8:30. 	

15 - The course effectively accomplished the student learning objectives and overall goals.												
Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%									
Disagree	(2)	0	0.00%									
Neither agree nor disagree	(3)	0	0.00%									
Agree	(4)	1	20.00%									
Strongly Agree	(5)	4	80.00%									
					0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
5/11 (45.45%)	4.80	0.45	5.00	5	4.80	0.45	5.00	5	4.80	0.45	5.00	

16 - The instructor utilizes class time effectively.												
Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%									
Disagree	(2)	0	0.00%									
Neither agree nor disagree	(3)	0	0.00%									
Agree	(4)	2	40.00%									
Strongly Agree	(5)	3	60.00%									
					0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
5/11 (45.45%)	4.60	0.55	5.00	5	4.60	0.55	5.00	21	4.62	0.50	5.00	

Duke University - Course Evaluations

Undergraduate Course Evaluations - Fall 2023

Course: PHIL-103S-02: INTRO TO PHILOSOPHY.PHIL-103S-02.

Instructor: Botian Liu *

Response Rate: 6/11 (54.55 %)

17 - The course had clear expectations for assignments and other work.												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%		4.80	4.80	4.80	Question	Dept/Program (UGRD)	Undergrad Overall	
Disagree		(2)	0	0.00%								
Neither agree nor disagree		(3)	0	0.00%								
Agree		(4)	1	20.00%								
Strongly Agree		(5)	4	80.00%								
0 25 50 100												
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
5/11 (45.45%)	4.80	0.45	5.00	5	4.80	0.45	5.00	5	4.80	0.45	5.00	

18 - Feedback on course assessments helped me learn.												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%		4.60	4.60	4.57	Question	Dept/Program (UGRD)	Undergrad Overall	
Disagree		(2)	0	0.00%								
Neither agree nor disagree		(3)	1	20.00%								
Agree		(4)	0	0.00%								
Strongly Agree		(5)	4	80.00%								
0 25 50 100												
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
5/11 (45.45%)	4.60	0.89	5.00	5	4.60	0.89	5.00	23	4.57	0.73	5.00	

19 - The grading in this course was:												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Much too hard		(1)	0	0.00%		3.00	3.00	3.00	Question	Dept/Program (UGRD)	Undergrad Overall	
Hard		(2)	0	0.00%								
Fair		(3)	5	100.00%								
Easy		(4)	0	0.00%								
Too easy		(5)	0	0.00%								
0 25 50 100												
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
5/11 (45.45%)	3.00	0.00	3.00	5	3.00	0.00	3.00	5	3.00	0.00	3.00	

20 - The instructor of this course encouraged me to respect points of view different from my own.												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%		5.00	5.00	5.00	Question	Dept/Program (UGRD)	Undergrad Overall	
Disagree		(2)	0	0.00%								
Neither agree nor disagree		(3)	0	0.00%								
Agree		(4)	0	0.00%								
Strongly Agree		(5)	5	100.00%								
0 25 50 100												
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
5/11 (45.45%)	5.00	0.00	5.00	5	5.00	0.00	5.00	5	5.00	0.00	5.00	

Duke University - Course Evaluations

Undergraduate Course Evaluations - Fall 2023

Course: PHIL-103S-02: INTRO TO PHILOSOPHY.PHIL-103S-02.
Instructor: Botian Liu *
Response Rate: 6/11 (54.55 %)

21 - Please list three things you wish you had learned (or learned about) in this course but didn't and that might be included in the future.

Response Rate	1/11 (9.09%)
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- Maybe a little more about how philosophers are connected with each other, how different regions have different philosophies, and how philosophy developed through the years. We did brush on these topics, but I would like to know more.

22 - What were your favorite reading(s) from the course?

Response Rate	4/11 (36.36%)
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- Utilitarianism's Consequentialist Ethics: The study of utilitarianism introduced me to the consequentialist approach to ethics, wherein the morality of an action is determined by its outcomes. Examining the works of Jeremy Bentham and John Stuart Mill deepened my appreciation for the ethical complexities involved in maximizing overall happiness and the potential implications for individual rights and justice.
- Jaegwon Kim (2011), "Mind as a Computing Machine" in Philosophy of Mind, pp. 130-135. (On Sakai)
- The feminist ethics readings, specifically "Virtue Theory and Abortion"
- Descartes' Meditations! It was really challenging, but rewarding once I understood it.

23 - What were your least favorite reading(s) from the course?

Response Rate	2/11 (18.18%)
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- Sean Carroll, The Big Picture
- I generally didn't love the unit on whether or not God existed, but I still found the readings interesting.

Duke University - Course Evaluations

Undergraduate Course Evaluations - Spring 2024

Course: PHIL-210-01: KNOWLEDGE AND CERTAINTY.PHIL-210-01.
Instructor: Botian Liu *
Response Rate: 3/14 (21.43%)

1 - Your personal level of engagement with the course was:

Response Option					Weight	Frequency	Percent	Percent Responses	Means						
Very low	(1)	0	0.00%												
Low	(2)	0	0.00%						3.33	3.85	3.92				
Medium	(3)	2	66.67%	■											
High	(4)	1	33.33%	■											
Very high	(5)	0	0.00%												
								0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median				
3/14 (21.43%)	3.33	0.58	3.00	128	3.85	0.84	4.00	15461	3.92	0.92	4.00				

2 - The course was intellectually stimulating. It made me think in new ways, encouraged me to adopt different points of view, or challenged me to develop new skills.

Response Option					Weight	Frequency	Percent	Percent Responses	Means						
Poor	(1)	0	0.00%												
Marginal	(2)	0	0.00%						4.00	4.34	4.11				
Average	(3)	1	33.33%	■											
Very Good	(4)	1	33.33%	■											
Excellent	(5)	1	33.33%	■											
								0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median				
3/14 (21.43%)	4.00	1.00	4.00	127	4.34	0.76	4.00	15386	4.11	0.91	4.00				

3 - Considering all components of the course (lectures, discussions, sections/labs, assessments, projects, course environment, etc), overall the course was

Response Option					Weight	Frequency	Percent	Percent Responses	Means						
Poor	(1)	0	0.00%												
Marginal	(2)	0	0.00%						4.33	4.19	4.05				
Average	(3)	1	33.33%	■											
Very Good	(4)	0	0.00%												
Excellent	(5)	2	66.67%	■											
								0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median				
3/14 (21.43%)	4.33	1.15	5.00	126	4.19	0.90	4.00	15382	4.05	0.94	4.00				

4 - Based on the effectiveness of instruction (clarity, expertise, enthusiasm, rigor, support, inspiration, etc), overall the instructor, Botian Liu, was -

Response Option					Weight	Frequency	Percent	Percent Responses	Means						
Poor	(1)	0	0.00%												
Marginal	(2)	0	0.00%						4.67	4.32	4.21				
Average	(3)	0	0.00%												
Very Good	(4)	1	33.33%	■											
Excellent	(5)	2	66.67%	■											
								0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median				
3/14 (21.43%)	4.67	0.58	5.00	148	4.32	0.97	5.00	17326	4.21	1.00	5.00				

Duke University - Course Evaluations

Undergraduate Course Evaluations - Spring 2024

Course: PHIL-210-01: KNOWLEDGE AND CERTAINTY.PHIL-210-01.
Instructor: Botian Liu *
Response Rate: 3/14 (21.43 %)

5 - Based on the effectiveness of instruction (clarity, expertise, enthusiasm, rigor, support, inspiration, etc), overall the teaching assistant, , was												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Poor		(1)	0	0.00%	 	0.00	3.75	4.15	10865	4.15	0.98	4.00
Marginal		(2)	0	0.00%								
Average		(3)	0	0.00%								
Very good		(4)	0	0.00%								
Excellent		(5)	0	0.00%								
N/A		(0)	0	0.00%								
					0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
0/14 (0.00%)	0.00	0.00	0.00	72	3.75	0.97	4.00	10865	4.15	0.98	4.00	

6 - The course was difficult.												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%	 	2.67	2.90	3.19	15383	3.19	1.09	3.00
Disagree		(2)	1	33.33%								
Neither agree nor disagree		(3)	2	66.67%								
Agree		(4)	0	0.00%								
Strongly agree		(5)	0	0.00%								
					0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
3/14 (21.43%)	2.67	0.58	3.00	126	2.90	0.96	3.00	15383	3.19	1.09	3.00	

7 - How many hours in a typical week did you spend on this course (outside of class meetings)?												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
1		(1)	0	0.00%	 	2.33	3.43	4.31	15404	4.31	2.36	4.00
2		(2)	2	66.67%								
3		(3)	1	33.33%								
4		(4)	0	0.00%								
5		(5)	0	0.00%								
6		(6)	0	0.00%								
7		(7)	0	0.00%								
8		(8)	0	0.00%								
9		(9)	0	0.00%								
10+		(10)	0	0.00%								
					0	25	50	100	Question	Dept/Program (UGRD)	Undergrad Overall	
Response Rate	Mean	STD	Median	Dept/Program (UGRD)	Mean	STD	Median	Undergrad Overall	Mean	STD	Median	
3/14 (21.43%)	2.33	0.58	2.00	125	3.43	1.73	3.00	15404	4.31	2.36	4.00	