THE UNIVERSITY OF CHICAGO

PHSC 13410 3, GEOS 13410 3, ENST 13410 3, ENSC 13410 3 - Global Warming: Understanding the Forecast (Flipped Class) - Instructor(s) - Dorian Abbot, Hsing-Hung Chou, Yuke Zheng

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

Number Enrolled: **33**
Number of Responses: **12**

Report Comments

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

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What are the most important things that you learned in this course? Please reflect on the knowledge and skills you gained.

Comments
Global warming is in fact real and is in fact a growing problem that we as a society should work to combat
I learned the ice–albedo feedback, water vapor feedback, the climate layer model, and other more technical knowledge.
I learned so much about the actual mechanisms underlying the warming that we here so much about but don't really understand.
scientific concepts behind global warming
how global warming works
How the greenhouse gas effect works (the science behind it).
How to properly look at facts to show if global warming exists
Different causes and effects of climate change
Causes of global warming

Describe how aspects of this course (lectures, discussions, labs, assignments, etc.) contributed to your learning.

Comments
As the class was flipped–style, reading the notes before the class then recapping them in the class definitely helped me learn more.
I enjoyed the flipped class format. It was good to do the readings before class and discuss them with other students during class.
The class notes were so helpful and organized. They really laid out everything we needed to know to succeed in assignments and in class.
the book and lecture slides were helpful
only studying for the quizzes really did anything
They did not. The office hours were the most helpful aspect of this class.
Small group discussions while working on assignments was really nice
Reading the lectures beforehand was really helpful for completing the problem sets in class, nice format that got straight to the point
Classes and group work was most informative

Please respond to the following:

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
This course challenged me intellectually.	3.60	4.00	0.00%	20.00%	20.00%	40.00%	20.00%
I understood the purpose of this course and what I was expected to gain from it.	4.20	4.00	0.00%	0.00%	10.00%	60.00%	30.00%
I understood the standards for success on assignments.	4.40	4.00	0.00%	0.00%	0.00%	60.00%	40.00%
Class time enhanced my ability to succeed in graded assignments.	3.80	4.00	10.00%	10.00%	0.00%	50.00%	30.00%
I received feedback on my performance that helped me improve my subsequent work.	4.11	4.00	0.00%	0.00%	22.22%	44.44%	33.33%
My work was evaluated fairly.	4.20	4.00	0.00%	0.00%	10.00%	60.00%	30.00%
I felt respected in this class.	4.20	4.00	0.00%	0.00%	10.00%	60.00%	30.00%
Overall, this was an excellent course.	4.10	4.00	0.00%	0.00%	20.00%	50.00%	30.00%

Additional comments about the course:

Comments
The in–class time can feel very rushed, but the club tent isn't so difficult, which helps.
None

I would recommend this course to:

	No	Yes
Highly-motivated and well-prepared students	40.00%	60.00%
Anyone interested in the topic	10.00%	90.00%

Thinking about your time in the class, what aspect of the instructor's teaching contributed most to your learning?

Comments
The teacher recapped the daily notes for the first 10 minutes of class.
The mini lectures at the beginning of the class were very helpful. Our section leader was always open to answering any questions that we had about the material
N/A
lectures
nothing – all tas
The office hours outside of regular class time with the TA were the only time I learned.
Letting us work with each other before explaining answers
The lesson plans and their straightforwardness, it was always clear what information was important
Organization

What could the instructor modify to help you learn more?

Comments
NA
Nothing, I felt this was a great class
Slow down a bit when explaining the problem answers
more practice for quizzes. explanations for incorrect quiz answers, some of them were ambiguous
be more present?
Not teach the class in small sections with a TA, the TA does not end up actually teaching and therefore the flipped learning model fails.
Nothing
Nothing

The Instructor . . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Organized the course clearly.	4.70	5.00	0.00%	0.00%	0.00%	30.00%	70.00%	0.00%
Presented lectures that enhanced your understanding.	4.20	5.00	10.00%	0.00%	10.00%	20.00%	60.00%	0.00%
Facilitated discussions that were engaging and useful.	4.20	5.00	0.00%	10.00%	20.00%	10.00%	60.00%	0.00%
Stimulated your interest in the core ideas of the course.	4.70	5.00	0.00%	0.00%	0.00%	30.00%	70.00%	0.00%
Challenged you to learn.	4.30	5.00	0.00%	10.00%	20.00%	0.00%	70.00%	0.00%
Helped you gain significant learning from the course content.	4.60	5.00	0.00%	0.00%	10.00%	20.00%	70.00%	0.00%
Was available and helpful outside of class.	4.30	5.00	0.00%	0.00%	30.00%	10.00%	60.00%	0.00%
Motivated you to think independently.	4.20	5.00	0.00%	0.00%	40.00%	0.00%	60.00%	0.00%
Worked to create an inclusive and welcoming learning environment.	4.60	5.00	0.00%	0.00%	0.00%	40.00%	60.00%	0.00%
Overall, this instructor made a significant contribution to your learning.	4.30	5.00	0.00%	10.00%	10.00%	20.00%	60.00%	0.00%

Please include the name of the TA/CA/Intern you are evaluating. What aspects of the TA's teaching contributed most to your learning? What could the TA modify to help you learn more? Please include any additional feedback for the TA/CA/Intern.

| Comments |
|---|
| Yuke Zheng |
| Yuke Zheng. The mini lectures at the beginning of the class were very helpful. She explained the more technical concepts very thoroughly. |
| Yuke was really lovely and approachable! |
| yuke zheng – she was super nice and taught in a very chill way |
| Yuke Zheng |
| Yuke Zheng |
| Yuke Zheng |
| Yule Zheng |

The TA/CA or Intern. . .

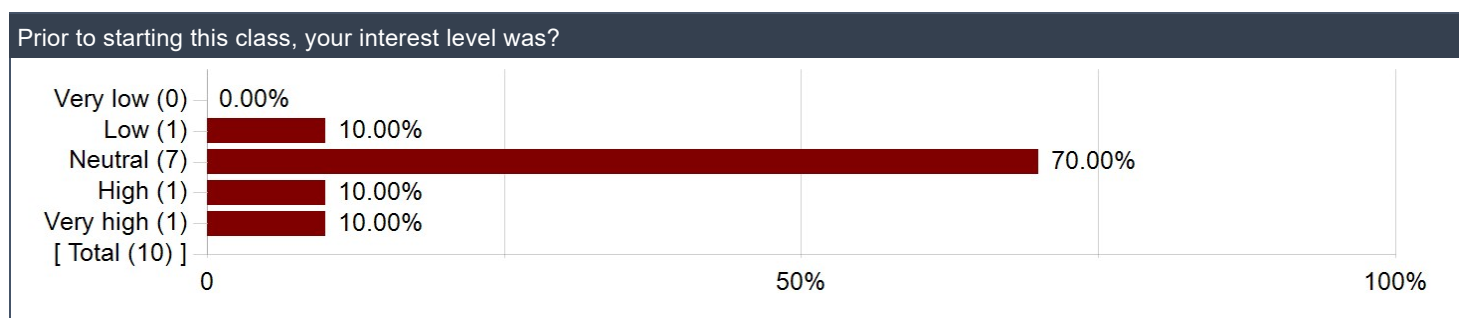|	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Facilitated discussions that supported your learning.	3.89	4.00	11.11%	0.00%	22.22%	22.22%	44.44%	0.00%
Gave you useful feedback on your work.	4.00	4.00	0.00%	11.11%	11.11%	22.22%	33.33%	22.22%
Stimulated your interest in the core ideas of the class.	4.11	4.00	0.00%	11.11%	11.11%	33.33%	44.44%	0.00%
Challenged you to learn.	4.11	4.00	0.00%	11.11%	11.11%	33.33%	44.44%	0.00%
Helped you succeed in the class.	4.00	4.00	0.00%	11.11%	22.22%	22.22%	44.44%	0.00%
Was available and helpful outside of class.	3.88	4.00	0.00%	11.11%	22.22%	22.22%	33.33%	11.11%
Overall, this individual made a significant contribution to your learning.	3.88	4.00	11.11%	0.00%	11.11%	33.33%	33.33%	11.11%

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

	Mean	Median	No Gain	A Little Gain	Moderate Gain	Good Gain	Great Gain	N/A
Laboratory Experience	3.00	3.00	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
Field Trips	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Library Sessions	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Review Sessions	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Writing Seminars	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

Is this class a requirement of some sort?
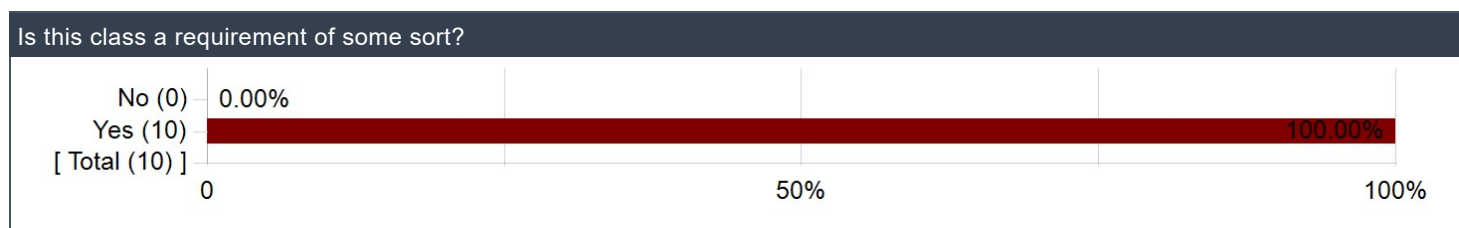
Is this class a requirement of some sort?

- No (0) — 0.00%
- Yes (10) — 100.00%
- [Total (10)]

Prior to starting this class, your interest level was?

Prior to starting this class, your interest level was?

- Very low (0) — 0.00%
- Low (1) — 10.00%
- Neutral (7) — 70.00%
- High (1) — 10.00%
- Very high (1) — 10.00%
- [Total (10)]

Now that this class is over, your interest is?

Now that this class is over, your interest is?

- Diminished (0) — 0.00%
- Satisfied (5) — 50.00%
- Heightened (5) — 50.00%
- [Total (10)]
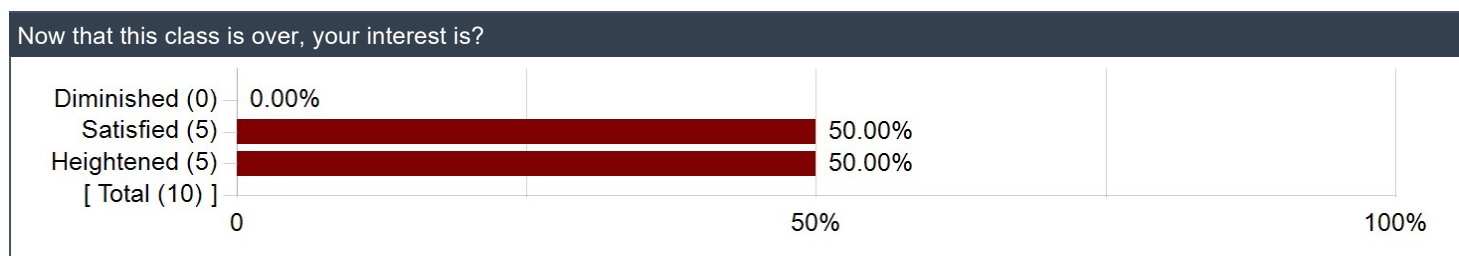
Why did you choose to take this course? (Select all that apply)
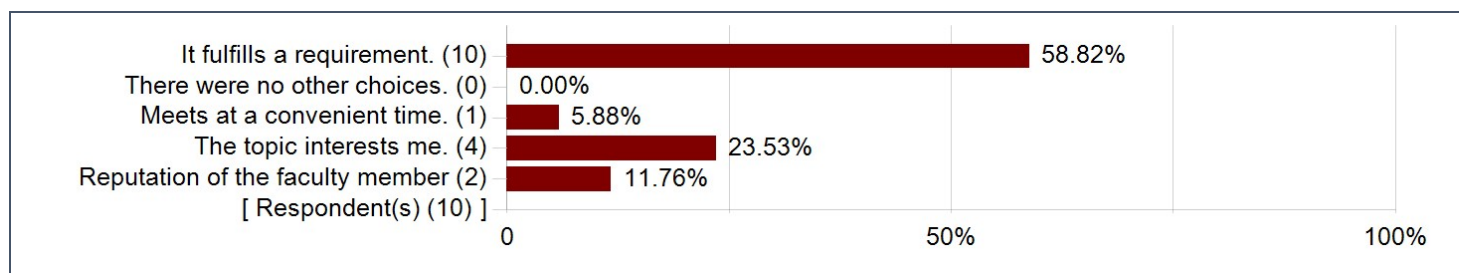
- It fulfills a requirement. (10) — 58.82%
- There were no other choices. (0) — 0.00%
- Meets at a convenient time. (1) — 5.88%
- The topic interests me. (4) — 23.53%
- Reputation of the faculty member (2) — 11.76%
- [Respondent(s) (10)]

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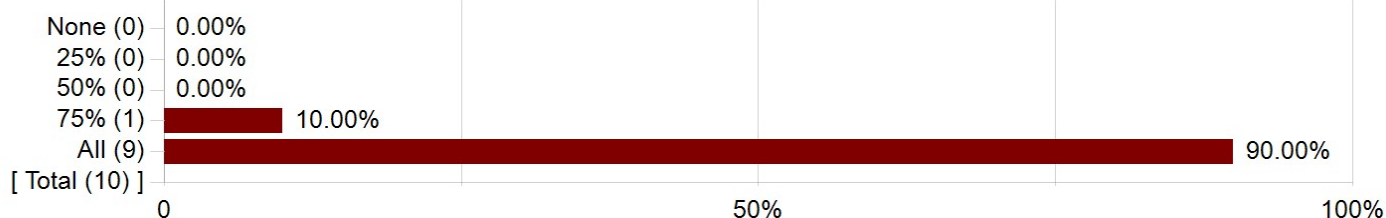
How many hours per week outside of attending required sessions did you spend on this course?

<5 hours (8)	80.00%
5-10 hours (2)	20.00%
10-15 hours (0)	0.00%
15-20 hours (0)	0.00%
20-25 hours (0)	0.00%
25-30 hours (0)	0.00%
>30 hours (0)	0.00%
[Total (10)]	
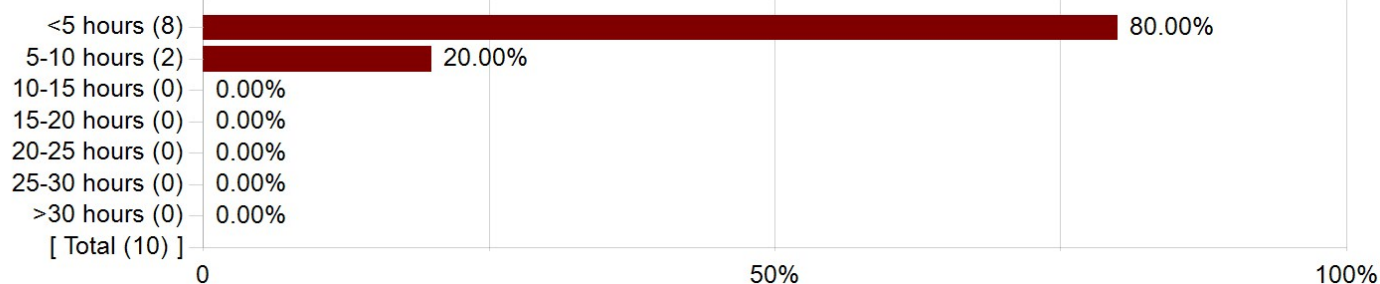
What proportion of classes did you attend?

What proportion of classes did you attend?

None (0)	0.00%
25% (0)	0.00%
50% (0)	0.00%
75% (1)	10.00%
All (9)	90.00%
[Total (10)]	

Please comment on the level of difficulty of the course relative to your background and experience.

Comments
Easy
There were some challenging mathematical concepts, but definitely doable if you put in the work to understand them
As long as you stay caught up on the written class notes, you will be totally fine. They explain everything so clearly.
Needed to work but not too difficult
No background necessary! As long as you find a group with somewhat of a stem background to study with, you'll be okay (coming from a hum major with very little science background)