

Brown University

Spring 2022 Course Feedback



Course: Spring2022ECON2020S01: ECON2020 Spring22 S01 Applied Economics Analysis-S01
Instructor: Michael Neubauer *
TA: Masahiro Kubo
Response Rate: 6/9 (66.67 %)

| Question | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | B1 | B2 | B3 |
|---|---|-------|--------|-------|-------|--------|-------|-------|--------|------|------|------|
| Please indicate your reason(s) for taking this course (check all that apply): | n | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 1 | 0.00 | 0.00 | 0.00 |
| | % | 0.00% | 83.33% | 0.00% | 0.00% | 16.67% | 0.00% | 0.00% | 16.67% | | | |

Scale: 1 = Pre-requisite for other course(s), 2 = Requirement for my academic program, 3 = Considering this field as my potential concentration, 4 = To strengthen my graduate school applications, 5 = Elective within my academic program, 6 = Elective outside of my academic program, 7 = Reputation of instructor, 8 = Interest in topic
 B1 = Brown University, B2 = Division, B3 = Department

| Question | | 4 | 3 | 2 | 1 |
|--|---|--------|--------|-------|-------|
| Please indicate how often you attended class or for an online course how often you completed modules or other online activities on schedule. | n | 3 | 2 | 0 | 0 |
| | % | 60.00% | 40.00% | 0.00% | 0.00% |

Scale: 4 = Always, 3 = Frequently, 2 = About half of the time, 1 = Less than half of the time

| Question | | 5 | 4 | 3 | 2 | 1 |
|---|---|-------|---------|-------|-------|-------|
| What proportion of class preparation and assignments (e.g. reading; daily homework; papers; problem sets) did you complete? | n | 0 | 5 | 0 | 0 | 0 |
| | % | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% |

Scale: 5 = Some optional tasks in addition to everything that was required, 4 = Everything that was required, 3 = Most of what was required, 2 = About half of what was required, 1 = Less than half of what was required

| Question | | 6 | 5 | 4 | 3 | 2 | 1 |
|---|---|-------|-------|--------|--------|--------|-------|
| On average, how many hours per week were spent on this course excluding regularly scheduled class time? | n | 0 | 0 | 1 | 2 | 2 | 0 |
| | % | 0.00% | 0.00% | 20.00% | 40.00% | 40.00% | 0.00% |

Scale: 6 = More than 16 hours per week, 5 = 13 – 16 hours per week, 4 = 9 – 12 hours per week, 3 = 5 – 8 hours per week, 2 = 1 – 4 hours per week, 1 = Less than 1 hour per week

| Question | | 5 | 4 | 3 | 2 | 1 | B1 | B2 | B3 | Mean | Std | Median |
|---|---|--------|-------|--------|-------|-------|------|------|------|------|------|--------|
| Reflecting on your efforts, to what extent do you agree with the statement: I put in enough effort to learn from this course. | n | 4 | 0 | 1 | 0 | 0 | 4.32 | 4.34 | 4.30 | 4.60 | 0.89 | 5.00 |
| | % | 80.00% | 0.00% | 20.00% | 0.00% | 0.00% | | | | | | |

Scale: 5 = Strongly Agree, 4 = Agree, 3 = Neither Agree nor Disagree, 2 = Disagree, 1 = Strongly Disagree

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| Question | | 5 | 4 | 3 | 2 | 1 | B1 | B2 | B3 | Mean | Std | Median |
|--|---|--------|--------|-------|-------|-------|------|------|------|------|------|--------|
| This course: challenged me to develop new skills, ideas, concepts, or ways of thinking. | n | 2 | 3 | 0 | 0 | 0 | 4.46 | 4.47 | 4.37 | 4.40 | 0.55 | 4.00 |
| | % | 40.00% | 60.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| This course: helped me develop a better understanding of the principles, theories, content, and/or facts in this area. | n | 3 | 2 | 0 | 0 | 0 | 4.48 | 4.51 | 4.40 | 4.60 | 0.55 | 5.00 |
| | % | 60.00% | 40.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| This course: had assignments that helped me learn. | n | 3 | 2 | 0 | 0 | 0 | 4.30 | 4.34 | 4.24 | 4.60 | 0.55 | 5.00 |
| | % | 60.00% | 40.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| This course: Overall, I rate this course as effective. | n | 4 | 1 | 0 | 0 | 0 | 4.38 | 4.42 | 4.29 | 4.80 | 0.45 | 5.00 |
| | % | 80.00% | 20.00% | 0.00% | 0.00% | 0.00% | | | | | | |

Scale: 5 = Strongly Agree, 4 = Agree, 3 = Neutral, 2 = Disagree, 1 = Strongly Disagree

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Instructor: Michael Neubauer *
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Response Rate: 6/9 (66.67 %)

| Question | | 5 | 4 | 3 | 2 | 1 | 0 | B1 | B2 | B3 | Mean | Std | Median |
|---|---|---------|--------|-------|-------|-------|-------|------|------|------|------|------|--------|
| The instructor (Michael Neubauer): was well prepared for each class or online module (e.g. lectures, discussions, and/or in-course activities were well organized). | n | 5 | 0 | 0 | 0 | 0 | 0 | 4.57 | 4.62 | 4.52 | 5.00 | 0.00 | 5.00 |
| | % | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| The instructor (Michael Neubauer): effectively engaged students in classes or online modules (e.g. elicited student interest in the topic; encouraged student participation; was responsive to questions; offered opportunities for discussion in pairs or small groups). | n | 4 | 1 | 0 | 0 | 0 | 0 | 4.42 | 4.47 | 4.31 | 4.80 | 0.45 | 5.00 |
| | % | 80.00% | 20.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| The instructor (Michael Neubauer): effectively engaged students outside of classes or online modules (e.g. kept electronic resources up-to-date; was available during office hours; was responsive to requests to meet). | n | 5 | 0 | 0 | 0 | 0 | 0 | 4.39 | 4.43 | 4.28 | 5.00 | 0.00 | 5.00 |
| | % | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| The instructor (Michael Neubauer): made course material clear and understandable (e.g. was effective in explaining content). | n | 4 | 1 | 0 | 0 | 0 | 0 | 4.36 | 4.45 | 4.30 | 4.80 | 0.45 | 5.00 |
| | % | 80.00% | 20.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| The instructor (Michael Neubauer): Overall, I rate this instructor as effective. | n | 5 | 0 | 0 | 0 | 0 | 0 | 4.44 | 4.50 | 4.35 | 5.00 | 0.00 | 5.00 |
| | % | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |

Scale: 5 = Strongly Agree , 4 = Agree , 3 = Neutral , 2 = Disagree , 1 = Strongly Disagree , 0 = N/A
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Thinking about the overall course and its content, what has been particularly effective about Michael Neubauer's approach to teaching in the course?

- Interaction with class. Writing examples in code himself during class.
- Great job
- I really enjoyed in-class labs. They were informative and got me thinking about what I could research in the future.
- The format and delivery of lectures were both great. Coding together in class was an effective way for me to learn. It was also helpful that Mike rearranged the order of the materials he covered in response to students' interests.
- Mike was very approachable and that made it easy to ask questions, which was critical to learning.

Thinking about the overall course and its content, what specific recommendations would you have for Michael Neubauer about changes that would enhance your learning?

- N
- Great job
- Some of the problem sets were too difficult for this class (e.g., the non linear least squares problems). We were not able to see how to apply data to some of the more difficult concepts when in the in-class labs we used a lambda function or something really simple. It would be nice to see one very hard problem done in class to see how to approach coding for more complex research problems. Also, the slides were not always informative to the problem sets. I had to do a fair bit of googling to figure out what was going on in problem sets.
- Some of the later assignments on optimization and numerical derivation/integration felt a bit long, mostly because I was having trouble with working with certain packages (e.g., numdifftools). It would be helpful to go over examples of these kinds of problems in class.
- It felt like there was maybe a bit too long spent on the numerical integration, differentiation, etc. I think some of the best assignments were when we implemented the tools in order use some of the econometrics methods, and it felt like we could have skipped past a bit of the nitty gritty and gone straight to that implementation. It would have also been nice to apply the fixed point iteration problems to a Macroeconomic example, since that's something we kind of did in Matlab for our Macro class, it could have been nice to see it in Python too.

In what ways did Michael Neubauer communicate the expectations for academic integrity (e.g. sufficient citations of source material; clarity on collaboration policy; clarity on what constitutes plagiarism)? What additional steps could Michael Neubauer have taken to communicate these expectations?

- Expectations communicated clearly with syllabus / first classes.
- Great job
- Syllabus, sufficient.
- Mike communicated clearly through the syllabus and timely reminders about the deadlines and expectations.
- Expectations were clear.

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Did Michael Neubauer foster an environment where all students - including yourself - were treated with respect and their questions and perspectives welcomed? How did the instructor accomplish this?

- Yes.
- Great job
- Yes. Answered questions during class, provided more than enough office hours for us. Emailed back within a very reasonable amount of time.
- Mike did a great job asking for and receiving feedback. He made himself available whenever we had question during and after class.
- Yes, everyone felt welcomed.

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

- Required Course.
- Great job
- I really loved this course. I had coded with Python before but I can definitely tell that my coding improved a lot over the course of the semester. Now I feel like I will be able to approach research with a good set of coding skills.
- The course provides a good introduction to the analytical tools that will be helpful for 2nd year courses and research projects down the line.
- It's a great course! You learn a lot of very useful things, but it does not add much stress to a stressful spring semester.

| Question | | 5 | 4 | 3 | 2 | 1 | 0 | B1 | B2 | B3 | Mean | Std | Median |
|--|---|--------|--------|-------|-------|-------|-------|------|------|------|------|------|--------|
| My teaching assistant (Masahiro Kubo): was consistently prepared. | n | 4 | 1 | 0 | 0 | 0 | 0 | 4.59 | 4.60 | 4.57 | 4.80 | 0.45 | 5.00 |
| | % | 80.00% | 20.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| My teaching assistant (Masahiro Kubo): effectively engaged students (e.g. encouraged student participation; was responsive to questions; offered opportunities for discussion in pairs or small groups). | n | 2 | 3 | 0 | 0 | 0 | 0 | 4.53 | 4.53 | 4.52 | 4.40 | 0.55 | 4.00 |
| | % | 40.00% | 60.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| My teaching assistant (Masahiro Kubo): was responsive to students (e.g. was available during office hours; was responsive to questions; was responsive to requests to meet). | n | 3 | 2 | 0 | 0 | 0 | 0 | 4.59 | 4.59 | 4.58 | 4.60 | 0.55 | 5.00 |
| | % | 60.00% | 40.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| My teaching assistant (Masahiro Kubo): made content clear and understandable. | n | 3 | 2 | 0 | 0 | 0 | 0 | 4.52 | 4.50 | 4.49 | 4.60 | 0.55 | 5.00 |
| | % | 60.00% | 40.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| My teaching assistant (Masahiro Kubo): provided clear feedback on assignments that improved my learning. | n | 4 | 1 | 0 | 0 | 0 | 0 | 4.48 | 4.44 | 4.46 | 4.80 | 0.45 | 5.00 |
| | % | 80.00% | 20.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |
| My teaching assistant (Masahiro Kubo): Overall, I rate this teaching assistant as effective. | n | 3 | 2 | 0 | 0 | 0 | 0 | 4.55 | 4.53 | 4.53 | 4.60 | 0.55 | 5.00 |
| | % | 60.00% | 40.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | | | | |

Scale: 5 = Strongly Agree , 4 = Agree , 3 = Neutral , 2 = Disagree , 1 = Strongly Disagree , 0 = N/A

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What has been particularly effective about Masahiro Kubo's approach to teaching in this course?

- N
- Great job
- His feedback on problem sets was very constructive. I learned a lot about coding just reading the comments he left on my code.
- He was timely in grading and made himself available regularly through OH.

What specific advice would you have for Masahiro Kubo about changes that would enhance your learning?

- N
- Great job
- None.
- Remote OH could make them more accessible to students that live far from campus.

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| Question | | 1 | 2 | B1 | B2 | B3 |
|--|---|---------|-------|------|------|------|
| Would you recommend this course to other students all things considered and if taught by the same professor? | n | 5 | 0 | 0.00 | 0.00 | 0.00 |
| | % | 100.00% | 0.00% | | | |

Scale: 1 = Yes, 2 = No

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