



## 2022S UBC Individual Instructor Report for GEOS 270 921 - Geographic Information Science (June Skeeter)

Project Title: **2022S UBC Instructor SEI Surveys**

Course Audience: **33**

Responses Received: **4**

Response Ratio: **12%**

### Report Comments

### Recommended Minimum Response Rates

Class Size	Recommended Minimum Response Rates based on 80% confidence & $\pm 10\%$ margin
< 10	75%
11 - 19	65%
20 - 34	55%
35 - 49	40%
50 - 74	35%
75 - 99	25%
100 - 149	20%
150 - 299	15%
300 - 499	10%
> 500	5%

Creation Date: **Thursday, September 8, 2022**

## University Module Questions

### University Module Questions

Question	N	n	SD	D	N	A	SA	N/A	IM	DI
Throughout the term, the instructor explained course requirements so it was clear to me what I was expected to learn.	33	4	0	0	0	1	3	0	4.8	0.2
The instructor conducted this course in such a way that I was motivated to learn.	33	4	0	0	0	3	1	0	4.2	0.2
The instructor presented the course material in a way that I could understand.	33	4	0	0	0	3	1	0	4.2	0.2
Considering the type of class (e.g., large lecture, seminar, studio), the instructor provided useful feedback that helped me understand how my learning progressed during this course.	33	4	0	0	0	3	1	0	4.2	0.2
The instructor showed genuine interest in supporting my learning throughout this course.	33	4	0	0	0	2	2	0	4.5	0.3
Overall, I learned a great deal from this instructor.	33	4	0	0	0	2	2	0	4.5	0.3

Question	%Favourable
Throughout the term, the instructor explained course requirements so it was clear to me what I was expected to learn.	100%
The instructor conducted this course in such a way that I was motivated to learn.	100%
The instructor presented the course material in a way that I could understand.	100%
Considering the type of class (e.g., large lecture, seminar, studio), the instructor provided useful feedback that helped me understand how my learning progressed during this course.	100%
The instructor showed genuine interest in supporting my learning throughout this course.	100%
Overall, I learned a great deal from this instructor.	100%

## Faculty Questions

### Considering everything, how would you rate this course?

N	n	Very Poor	Poor	Neutral	Good	Very Good	IM	DI
33	4	0	0	0	0	4	5.0	0.0

%Favourable
100%

**For courses that had discussion groups or labs, the discussion groups or labs made an important contribution to the course.**

N	n	SD	D	N	A	SA	IM	DI
33	4	0	0	0	0	4	5.0	0.0

								%Favourable 100%
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### Instructor Questions

Question	N	n	SD	D	N	A	SA	N/A	IM	DI
In classes where the size of the class and content of the course were appropriate, student participation in class was encouraged by the instructor.	33	4	0	0	0	3	0	1	4.0	0.0
High standards of achievement were set.	33	4	0	0	0	2	2	0	4.5	0.3
The instructor was generally well prepared for class.	33	4	0	0	0	0	4	0	5.0	0.0
The instructor was readily available to students outside of class (e.g., through email, office hours, or by appointment).	33	4	0	0	0	1	3	0	4.8	0.2
The instructor treated students with respect.	33	4	0	0	0	0	4	0	5.0	0.0
The instructor was responsive when needed.	33	4	0	0	0	1	3	0	4.8	0.2
The instructor's feedback and comments contributed positively to my learning.	33	4	0	0	0	2	2	0	4.5	0.3
The instructor attempted to provide satisfactory answers to all questions in class.	33	4	0	0	0	1	3	0	4.8	0.2
The instructor established effective communication with students in the classroom.	33	4	0	0	0	1	3	0	4.8	0.2
The instructor was helpful when students requested course related assistance outside of class.	33	4	0	0	0	1	3	0	4.8	0.2
Assignments and tests were returned within a reasonable time.	33	4	0	0	0	0	4	0	5.0	0.0

Question	%Favourable
In classes where the size of the class and content of the course were appropriate, student participation in class was encouraged by the instructor.	100%
High standards of achievement were set.	100%
The instructor was generally well prepared for class.	100%
The instructor was readily available to students outside of class (e.g., through email, office hours, or by appointment).	100%
The instructor treated students with respect.	100%
The instructor was responsive when needed.	100%
The instructor's feedback and comments contributed positively to my learning.	100%
The instructor attempted to provide satisfactory answers to all questions in class.	100%
The instructor established effective communication with students in the classroom.	100%
The instructor was helpful when students requested course related assistance outside of class.	100%
Assignments and tests were returned within a reasonable time.	100%

## Open ended feedback

**Do you have any suggestions for what the instructor could have done differently to further support your learning?**

Comments

n/a

More in-class group discussion can be included in the course, since it is such a small class size and it is beneficial to promote such an academic conversation in class.

**Please identify what you consider to be the strengths of this course.**

Comments

I really liked the seven day grace period for homework as it gave me breathing room during busy times. The website we used was also very nice, it had all of our assignments as well as our notes all in one area and it was very clean and organized. I also liked that lab instructions came with videos on how to perform the operation. For me personally, I have trouble grasping the instructions if they are purely on text, so the videos were very welcome.

accessibility – i liked the web page form and ability to review content in the feature.  
easy to use

Course syllabus presents everything clearly and is created in an organized way.

**Please provide suggestions on how this course might be improved.**

Comments

n/a

More in-class discussion.

**Please comment on course content, or any aspects, positive or negative, of your instructor's teaching, attitudes to students, class atmosphere, or any other matters affecting the quality of instruction that you consider worthy of note.**

Comments

I loved the class. Again, I already stated my positives on the last page.

June was very supportive and considerate to all the students, they not only taught us the knowledge related to GIS, but also explored the possible career choices and future opportunities of GIS usage.

**Please share any feedback on your experience with the technologies used in this course.**

Comments

n/a

# Explanatory Note

## Percent Favourable Rating

This is the percentage of respondents who rated the instructor a 4 or 5 (Agree or Strongly Agree).

## Interpolated Median

The data collected for Student Experience of Instruction (SEI) are ordinal in nature, with a natural order (from 1 to 5). While the mean may be used as a measure of central tendency for such data, it is not an appropriate or accurate representation of SEI data (cf. Stark & Freishtat, 2014). The usual measure of central tendency for ordinal data is the median. As a result, we have been reporting the mean and the median for the last several years. After considerable thought and data modeling, we now believe that the interpolated median is the best representation of the data, since it takes the frequency distribution into account.

Consider the following example from 2015W, the two course sections have identical mean (3.8). However, the instructor in section 2 received 77% favourable (4-5) ratings, compared to 53% for the instructor in section 1. The Interpolated median values of (3.7 and 4.2), much better reflects the distribution of the scores above and below their respective median. Furthermore, the interpolated median is better correlated with percent favourable rating; such that an interpolated median of 3.5 on a Likert scale of 1 to 5, corresponds to 50% favourable rating.

**Frequency Distribution**

Response for University Module Item	Section 1	Section 2
5 = Strongly agree	5	5
4 = Agree	3	5
3 = Neither agree nor disagree	6	0
2 = Disagree	1	2
1 = Strongly disagree	0	1
Mean	3.8	3.8
Median	4.0	4.0
Interpolated Median	3.7	4.2
Percent favourable rating	53%	77%

## Dispersion Index

The dispersion index is a measure of variability suitable for ordinal data (Rampichini, Grilli & Petrucci 2004). This dispersion index has values between zero and 1. A zero dispersion index indicates that all respondents in the section rated their experience of instruction the same. An index value of 1.0 is obtained when the respondents are split evenly between the two extreme values (Strongly Disagree & Strongly Agree), a very rare occurrence. In SEI data at UBC, the index rarely exceeds 0.85, and mostly for evaluations not meeting the minimum recommended response rate.

