

Spring 2021 – CHEM 2440 – Organic Chemistry 2 for Majors

In the Spring 2021 semester, I taught the Organic Chemistry 2 class for chemistry, biochemistry, and chemical biology majors. Two evaluation reports were generated:

Report #1: Section 01 – Main Lecture

Report #2: Section 101 – Friday Problem Sessions, Viewed Remotely on Zoom

This class was offered in a hybrid model due to the ongoing COVID-19 pandemic. Some students attended classes and exams in-person, while others joined classes remotely by teleconference (Zoom) and took exams remotely (over Blackboard and Respondus). Lectures and textbook content were recorded on Panopto for asynchronous viewing. The optional Friday problem sessions (Section 101) were only offered over Zoom/teleconference, not in-person.



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Course Evaluation Report for SP2021 CHEM-2440-01- Organic Chemistry 2 for Majors (Paul Bracher) - Spring 2021

Project Title: **Spring 2021 Course Evaluations**

Course Audience: **36**
Responses Received: **21**
Response Rate: **58.33%**

Creation Date: **Tuesday, June 01, 2021**

Interpretation Guidelines

IMPORTANT: Department and college/school comparison data is not final until all course evaluations for the term have been submitted. Please re-run your course reports once the term is over to see final department and college/school data.

I took this course (check all that apply)...

Options	Count
to meet a requirement of an undergraduate academic major or minor	21
to meet a requirement of a graduate/professional program or minor	2
to meet an undergraduate core/general education requirement	1
as an elective (not part of any major/minor/program or core/general education requirement)	0
Please explain	0

Questions about the Student

1. I believe my academic background was sufficient to succeed in this course.				2. The subject matter of this course was of interest to me before the course began.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Strongly Agree	4	7	33.33%	Strongly Agree	4	12	57.14%
Agree	3	10	47.62%	Agree	3	7	33.33%
Disagree	2	4	19.05%	Disagree	2	1	4.76%
Strongly Disagree	1	0	0.00%	Strongly Disagree	1	1	4.76%

I believe my academic background was sufficient to succeed in this course.

Comment

- Not any fault of this course's but of the first semester prereq.
- Did not have a great experience with orgo 1, but otherwise okay
- I think my prior knowledge was rather lackluster.

The subject matter of this course was of interest to me before the course began.

Comment

[No Response]

Questions about the Student

Question	Your Score			Department (Chemistry)			College (College of Arts & Sciences)		
	Response Count	Mean	Median	Response Count	Mean	Median	Response Count	Mean	Median
I believe my academic background was sufficient to succeed in this course.	21	3.14	3.00	974	3.43	4.00	10414	3.56	4.00
The subject matter of this course was of interest to me before the course began.	21	3.43	4.00	974	3.18	3.00	10414	3.33	4.00

Questions about the Student

1. I came to each class session prepared.				2. I invested enough time and energy to meet the course requirements.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Always	4	6	28.57%	Always	4	12	57.14%
Often	3	9	42.86%	Often	3	5	23.81%
Sometimes	2	5	23.81%	Sometimes	2	4	19.05%
Never	1	1	4.76%	Never	1	0	0.00%
3. I asked the instructor for help when I needed it.							
Options	Score	Count	Percentage				
Always	4	5	23.81%				
Often	3	10	47.62%				
Sometimes	2	5	23.81%				
Never	1	1	4.76%				
I came to each class session prepared.							
Comment							
- Did not always have access to lectures (see later commentary)							
- I had a lot of issues with online learning and going to zoom meetings, because I had a lab directly after this class. I had to commute to the lab during this classes period for the majority of the time. A lot of the time I was learning by myself.							
I invested enough time and energy to meet the course requirements.							
Comment							
[No Response]							
I asked the instructor for help when I needed it.							
Comment							
- I usually went to external tutoring instead but did attend a few office hours							

Questions about the Student

Question	Your Score			Department (Chemistry)			College (College of Arts & Sciences)		
	Response Count	Mean	Median	Response Count	Mean	Median	Response Count	Mean	Median
I came to each class session prepared.	21	2.95	3.00	974	3.55	4.00	10414	3.53	4.00
I invested enough time and energy to meet the course requirements.	21	3.38	4.00	974	3.64	4.00	10414	3.64	4.00
I asked the instructor for help when I needed it.	21	2.90	3.00	974	3.37	4.00	10414	3.45	4.00

Questions about the Course

1. Expected learning outcomes for the course were clearly communicated.				2. The required textbook(s)/readings supported my learning in the course.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Strongly Agree	4	16	76.19%	Strongly Agree	4	9	42.86%
Agree	3	4	19.05%	Agree	3	10	47.62%
Disagree	2	1	4.76%	Disagree	2	0	0.00%
Strongly Disagree	1	0	0.00%	Strongly Disagree	1	1	4.76%
Not Applicable	NRP	0	0.00%	Not Applicable	NRP	1	4.76%

3. Class discussions/activities supported my learning in the course.				4. Assignments/homework supported my learning in the course.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Strongly Agree	4	15	71.43%	Strongly Agree	4	14	66.67%
Agree	3	5	23.81%	Agree	3	7	33.33%
Disagree	2	0	0.00%	Disagree	2	0	0.00%
Strongly Disagree	1	1	4.76%	Strongly Disagree	1	0	0.00%
Not Applicable	NRP	0	0.00%	Not Applicable	NRP	0	0.00%

5. Exams/quizzes supported my learning in the course.				6. The multimedia resources supported my learning in the course.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Strongly Agree	4	18	85.71%	Strongly Agree	4	15	71.43%
Agree	3	1	4.76%	Agree	3	3	14.29%
Disagree	2	1	4.76%	Disagree	2	1	4.76%
Strongly Disagree	1	1	4.76%	Strongly Disagree	1	0	0.00%
Not Applicable	NRP	0	0.00%	Not Applicable	NRP	2	9.52%

7. The course was taught at a pace that supported my learning.				8. The course required me to apply what I learned in new ways.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Strongly Agree	4	13	61.90%	Strongly Agree	4	16	76.19%
Agree	3	4	19.05%	Agree	3	4	19.05%
Disagree	2	3	14.29%	Disagree	2	0	0.00%
Strongly Disagree	1	1	4.76%	Strongly Disagree	1	1	4.76%
Not Applicable	NRP	0	0.00%	Not Applicable	NRP	0	0.00%

Questions about the Course (continued)

9. The course challenged me intellectually.			
Options	Score	Count	Percentage
Strongly Agree	4	20	95.24%
Agree	3	1	4.76%
Disagree	2	0	0.00%
Strongly Disagree	1	0	0.00%
Not Applicable	NRP	0	0.00%

The required textbook(s)/readings supported my learning in the course.

Comment

- The textbook wasn't great on account of the worked out examples being difficult to apply to multiple situations, but in class instruction and posted lecture videos helped clear up these difficulties
- I did not use the textbook much directly.
- No required readings, but textbook was a good reference material

Class discussions/activities supported my learning in the course.

Comment

- Problem sessions and doing problems in class was the best way for me to determine what I knew and what I needed to work on more on my own.
- While I could not actively participate because of the limitations of online learning and me commuting I watched recordings of discussions and felt as if I was there as well, great addition!
- Working problems in class was very helpful! (As long as I was prepared)

Assignments/homework supported my learning in the course.

Comment

- The post-chapter questions were extremely helpful, and moving them from Orion is a godsend.

Exams/quizzes supported my learning in the course.

Comment

- The quizzes prepare you for the exams simply put, and the exams are a massive improvement from the ones I took last semester. To put it plainly I felt like I could actually learn the materials expected of me.
- I'm probably a nerd for saying this, but I enjoyed the quizzes and exams

The multimedia resources supported my learning in the course.

Comment

- I was a big fan of the lecture videos as opposed to lecturing in class.
- I'm sorry. Not trying to be mean but it was difficult to be on top of things all the time when the lecture videos couldn't get posted before hand. Again, totally understand that we all have personal lives, but it was difficult to find the time to review those videos as often as schedules became busier and we had less time to review those.
- As a student who spent the majority of the semester using online learning, the setup of zoom recordings, lecture slides, and everything else on the blackboard page is essentially why I have succeeded so far in this class.
- Great videos and slides

The course was taught at a pace that supported my learning.

Comment

- Well, when you have to get like, every advancement in organic chemistry into one semester, the schedule is always going to look a little tight

The course challenged me intellectually.

Comment

- And my terrible grades prove it :-)

Questions about the Course

Question	Your Score			Department (Chemistry)			College (College of Arts & Sciences)		
	Response Count	Mean	Median	Response Count	Mean	Median	Response Count	Mean	Median
Expected learning outcomes for the course were clearly communicated.	21	3.71	4.00	970	3.62	4.00	10385	3.61	4.00
The required textbook(s)/readings supported my learning in the course.	20	3.35	3.00	898	3.38	4.00	9675	3.48	4.00
Class discussions/activities supported my learning in the course.	21	3.62	4.00	939	3.49	4.00	10089	3.56	4.00
Assignments/homework supported my learning in the course.	21	3.67	4.00	943	3.50	4.00	10081	3.55	4.00
Exams/quizzes supported my learning in the course.	21	3.71	4.00	889	3.44	4.00	8786	3.52	4.00
The multimedia resources supported my learning in the course.	19	3.74	4.00	869	3.53	4.00	9356	3.58	4.00
The course was taught at a pace that supported my learning.	21	3.38	4.00	956	3.34	4.00	10330	3.52	4.00
The course required me to apply what I learned in new ways.	21	3.67	4.00	966	3.55	4.00	10333	3.58	4.00
The course challenged me intellectually.	21	3.95	4.00	971	3.70	4.00	10352	3.57	4.00

What suggestions do you have for improving this course?

Comments
I think being able to replace the lowest exam with the final would be good since it is cumulative. I know you already let us drop the lowest of the 4 exams taken out of the semester but having the choice of either replacing the exam with the final or dropping it depending on which would give a higher grade would be nicer. Also you make the free response questions worth so many points and then take off a good amount for not putting small things so that sucks. The problem booklet for the exams taken during the semester aren't posted so even though you post the key it doesn't help to review anything because I don't remember the question I got wrong and can't look at the exam to review it.
Overall a great course. The time it took to grade things was understandable but a little frustrating.
I know we already talked about it, but I think in class lecturing would be so helpful and any effort that could be put into helping in semester 1 would be greatly appreciated, because a large part of the issue was that I didn't have a great base, but this semester helped me understand what I should have last semester but by the time I had a grasp on the basics, I was behind on the current information I needed. It was an unfortunate hole, but anything would be a great help for future students. And in class lecturing because you are so good at teaching and it's amazing the amount things make sense when you talk at me and the love you have for the subject makes it even more interesting to listen to, I can focus more effectively when you talk then your videos. But otherwise, the remaining failures are all on me. I'm just a dum dum. :-D
If you could have it timed so that Wiley homework opens directly after class always at the same time (ex: Friday prewiley opens Wednesday at 2pm), that would be better than having it open sometime the day before it is due.
Would suggest having the class in a different room, I know it was different because of covid but I felt that I couldn't hear the lecture too well sometimes.
We did a flipped classroom this year, so we had to watch lectures for homework and then we did practice problems in class. However, sometimes the lecture videos were not posted until after we had finished the unit in class, so the in class problems were just time wasted on material I did not have the resources to understand. Then, I was forced to cram learning a bunch of units into the few days before the exam. Practice problems in class are really helpful, but if you don't have the background they're ultimately worthless.
The pacing of the semester was very chaotic. It was certainly a busy semester for Dr. Bracher, but he had trouble meeting the deadlines that he set for himself in terms of grading, which was annoying at times. Additionally, I am not a fan of four exams over the semester; I much prefer the three exam model.
Having a TA to assist the teacher
I can't think of any way to make Organic Chemistry better. The subject itself is just too complicated and awful to improve in any way. It should not be a required class.
I wish that this course was taken at a slower pace.

Please offer any additional comments and/or suggestions you wish to share about the course:

The system does not allow an instructor to connect ANY quantitative responses with an individual student. Unless a student identifies him or herself in the written comments, qualitative responses are similarly assured of confidentiality.

Comments
<p>The flipped classroom was better and let me learn at my pace. Doing questions in class let me see the types of questions I can expect on the exam. The only problem I personally had was that in the beginning the upload of the videos took so long and didn't end up getting them until 3 or 4 days before the exam that covered that material. Also you kind of get long-winded in your explanations for questions and start to lose everyone's attention, so if it could be a little more straightforward and less that would be better.</p>
<p>I want to emphasize that all the mistakes that were made this semester are mainly on me because I lack the understanding and grasp on the material that I would like to have had regardless of the hours (and hours and hours and hours) of effort, but we all know effort means very little when you have literally no results and the results are all you've got. It's not like anyone's measuring all the character I've devolved from my failures! Anyway, getting off topic, but the point is, academically, it was a great and stimulating class with lots of fun to be had. Just wish that I was better at it, but that's on me. That just sounds so sad, but oh well! I only have good things to say about Dr. Bracher though!</p>
<p>I really enjoyed this class</p>
<p>Hardest part about the course is the amount of new information given in such a small time as it is different than most other chemistry courses.</p>
<p>Honestly, there were so many possible avenues to look for help with the material, including the textbook, problem sessions, office hours, that basically all of the final grade is on how much effort you're willing to put in. It's a very well constructed class with a lot of resources for it's students.</p>
<p>I did not do very well last semester on exams in organic chemistry, and the structure of this course helped me improve so much, mostly because there was so much opportunity for practice problems that were representative of the kinds of problems on the exams, which I felt was really lacking last semester. I really can't think of anything that I would change about this course, and I highly recommend keeping the same primarily flipped format for any future classes that won't be taught as a mix of online and in-person. The chapter videos were the perfect length for my sanity, and watching as many of those videos as I could before class and looking at the book before class helped me stay on pace, since some afternoons I am just not mentally present enough for class, and I would rather miss some of the details of how to do a problem than miss all the content that the problems are based on too. (The post-chapter assignments on Wiley also helped with me not falling too behind on the content, especially for reactions). That said, I appreciated the little recap(s) at the beginning & throughout the class time as preface for problems because that helped me not become lost during class. Overall, definitely one of (if not my most) favorite classes so far at SLU!</p>
<p>I found it hard to keep up with the class sometimes because there were lecture videos to watch in addition to in-person class, but that was partially due to COVID. Overall, it's a very fascinating class and Dr. Bracher was an amazing teacher.</p>

Questions about the Instructor Paul Bracher

1. The instructor communicated ideas and information clearly.					2. The instructor demonstrated enthusiasm for the subject matter.				
Options	Score	Count	Percentage		Options	Score	Count	Percentage	
Always	4	16	76.19%		Always	4	20	95.24%	
Often	3	4	19.05%		Often	3	1	4.76%	
Sometimes	2	1	4.76%		Sometimes	2	0	0.00%	
Never	1	0	0.00%		Never	1	0	0.00%	
3. The instructor provided feedback/critique that helped me with subsequent work in the course.					4. The instructor treated students with respect.				
Options	Score	Count	Percentage		Options	Score	Count	Percentage	
Always	4	16	76.19%		Always	4	21	100.00%	
Often	3	4	19.05%		Often	3	0	0.00%	
Sometimes	2	1	4.76%		Sometimes	2	0	0.00%	
Never	1	0	0.00%		Never	1	0	0.00%	
5. The instructor was available for assistance when needed.									
Options	Score	Count	Percentage						
Always	4	19	90.48%						
Often	3	1	4.76%						
Sometimes	2	1	4.76%						
Never	1	0	0.00%						

The instructor communicated ideas and information clearly.
Comment
- I wish there was an even higher rating for this one. Dr. Bracher is amazing at this and it makes all the difference
The instructor demonstrated enthusiasm for the subject matter.
Comment
- 100%
- Dr. Bracher obviously has a love for chemistry and despite the challenging material, he makes the classes engaging and enjoyable.
- Dr. Bracher always shared real-world applications for the stuff we were working on in class.
The instructor provided feedback/critique that helped me with subsequent work in the course.
Comment
- Sometimes coursework took a long time to be graded
- comments on quizzes and exams were always thorough and helpful
The instructor was available for assistance when needed.
Comment
- Dr. Bracher was very helpful and even held office hours over the weekend before exams.
- Could have used more office hours and more frequent replies to Blackboard discussion forum
- Absolutely! Even sometimes weekend office hours!! Incredibly helpful for those of us who could not make it to regularly scheduled office hours

Questions about the Instructor Paul Bracher

Question	Your Score			Department (Chemistry)			College (College of Arts & Sciences)		
	Response Count	Mean	Median	Response Count	Mean	Median	Response Count	Mean	Median
The instructor communicated ideas and information clearly.	21	3.71	4.00	1531	3.54	4.00	11909	3.60	4.00
The instructor demonstrated enthusiasm for the subject matter.	21	3.95	4.00	1531	3.60	4.00	11909	3.75	4.00
The instructor provided feedback/critique that helped me with subsequent work in the course.	21	3.71	4.00	1531	3.38	4.00	11909	3.54	4.00
The instructor treated students with respect.	21	4.00	4.00	1531	3.65	4.00	11909	3.81	4.00
The instructor was available for assistance when needed.	21	3.86	4.00	1531	3.56	4.00	11909	3.71	4.00

Please offer any additional comments and/or suggestions you wish to share about the instructor Paul Bracher:

The system does not allow an instructor to connect ANY quantitative responses with an individual student. Unless a student identifies him or herself in the written comments, qualitative responses are similarly assured of confidentiality.

Comments
You're very nit-picky on free response questions and make them worth so many points, so then you take lots off points for small things. Since the question is worth so many points you probably feel the need to and its dumb. Either make it worth less or don't be as picky. Also posting the problem booklet for the exams so students could review what was missed on multiple choice would have been nice.
Great knowledgeable professor always willing to help his students. However, the exams are quite difficult.
Dr. Bracher is an amazing professor and tries his best to make organic chemistry an enjoyable subject. He is always willing to answer questions and help students.
You were amazing and I hope to one day be intellectually as stimulating as you were. And I can only dream of being a proper teacher the way that you were able to make a lot of things make sense for me. I was having lightbulb moments all semester and I think, even past my grade, that made this whole subject worth it. Will I be crying over my grades later? Yes. Will I regret first semester? Yes. Will I regret second semester? Never!! I understand orbitals now. I know that doesn't seem like much, but that's a big deal in my mind! So, thank you! You'll probably get an official thank you email from me and a thank you gift next semester (since it's too late now) but I also want you to know that I appreciate all the love and effort you put into this semester and it has definitely affected my life (I understand orbitals!!) :-).
Dr. Bracher was EXTREMELY dedicated to this class and all his students. Dr. Bracher is one-hundred percent without a doubt the best professor that I have had at SLU.
I really liked Prof. Bracher, he was enthusiastic about Orgo and made me feel welcomed to the class.
I learned a LOT from Dr. Bracher, and he is an excellent professor of organic chemistry. My one complaint is that he is a bit slow to post course materials like lectures, which made it really difficult for me to keep up with the course. I learned the most when he lectured in class towards the end of the semester, because then I could ask questions as they arose and see practice problems in context and in real time—this was an awesome way to learn. Otherwise, thanks for a great semester! :)
So I actually, accidentally wrote what I meant for this evaluation on the recitation one. So I will just re-paste it and add some things.
After feeling pretty demoralized after taking Organic Chemistry 1 for Majors, I felt like Professor Bracher and his entire course revitalized by love for Chemistry as a whole. A professor that genuinely cares about his students and puts in effort in order for them to understand the material is something every student begs and wishes for. I think Professor Bracher does this to an amazing extent, and personally may be one of the most influence professors I have head since I started going to SLU. While I could not always participate in the zoom meetings, or come to class due to my scheduling circumstances and commuting to my analytical lab from home I always felt like I was still apart of this class. This helped me motivate myself while self-learning at home and allowed me to teach myself many things through the semester. I do not think Professor Bracher has actually had a interaction with me in a classroom setting, but his zoom recordings, lecture slides, and prior assessment are all things that have helped me succeed so far in this course. In order to put things into perspective I started off the first exam with a measly 12%, my reasoning for it I honestly could not find the motivation to do online learning and actively push myself with the material at the start of the semester. However, I

Comments
<p>was able to pull myself back up and since then I have been religiously studying all the material that have been provided for us. To be completely honest I actually hired myself a private tutor because while I felt like I was getting a good grasp of the material, I felt I need an extra avenue where somebody could test me on the information that I learned through the semester regularly. While this was not needed I pursued this in order to succeed in the class, however I feel if I had any other professor besides Professor Bracher I would have honestly failed the class and most likely switched my major. Besides the lockdown browser error that keeps happening when I am trying to take the exams, I think this professor and the class he teaches is a great example of what SLU has to offer.</p>
<p>Best, Avdo Sahbaz</p>
<p>A kind, funny, wonderful human being. It was just an off semester.</p>
<p>The effort Dr. Bracher puts into making/writing/grading every single video, slide deck, quiz, exam, practice problem etc. is obvious. Everything is so well done it almost makes the job of learning the material easy. He is an absolutely incredible professor. Dr. Bracher, I am so thankful to have had you for this course.</p>
<p>In my opinion, I really really enjoyed your style of teaching. You were super engaging with students and I could not have asked for a better teacher over a subject that I found difficult. I don't attribute any of my lackings in this class to the style of teaching. I really appreciated you as a teacher and wish I could have you teach all my classes. Have a good summer and once again thank you for being so amazing :)</p>
<p>Dr. Bracher is an amazing teacher who clearly loves what he does, but the disorganization this semester did impact my learning especially towards the middle of the semester. I understand this semester was hard for everyone but it was difficult when I would come to class and not have been able to do any of the notes before because slides/videos weren't posted. Exam grades also took forever to get back. Hopefully going forward the department keeps a TA in the majors section to help out.</p>
<p>It is clear that Dr. Bracher is not only knowledgeable about organic chemistry, but that he is also incredibly enthusiastic. His enthusiasm was contagious and genuinely made me excited to come to class and learn. His lectures are engaging and the course material is presented clearly. My only complaint is that grading could take a while, but grade updates after exams help clarify where you stand in the class. His grading policies were also incredibly tolerant of mistakes or off days. I felt like one assignment wouldn't completely tank my grade, and I could really learn from mistakes and missed problems.</p>
<p>He was a real good instructor. The difficulty of the class does not mean he was a bad teacher. He did his best to make the class understandable and easy. I would enjoy any other class taught by him as long as it was not organic chemistry related.</p>
<p>Was responsive to questions that students had, and was able to admit when he just didn't know the answer while clarifying what was and wasn't really important to know in the course. Challenged the class to think in unorthodox ways about topics that were discussed. Extremely good as an instructor.</p>
<p>The best instructor ever. So generous and understanding with office hours and practice problems and quiz deadlines, so enthusiastic about organic chemistry, and committed to challenging students in a good way.</p>
<p>Dr. Bracher is an amazing teacher. He is funny, engaging, extremely knowledgeable, and he made this class fun. His class will challenge you, but that is only for your benefit. He genuinely cares about his students and their success, and SLU is extremely lucky to have him as a teacher. Other than Feng Zhang, he very well may be the smartest person and best chemist that I have met in my life.</p>



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Course Evaluation Report for SP2021 CHEM-2440-101- Organic Chemistry 2 for Majors (Paul Bracher) - Spring 2021

Project Title: **Spring 2021 Course Evaluations**

Course Audience: **35**

Responses Received: **8**

Response Rate: **22.86%**

Creation Date: **Tuesday, June 01, 2021**

Interpretation Guidelines

IMPORTANT: Department and college/school comparison data is not final until all course evaluations for the term have been submitted. Please re-run your course reports once the term is over to see final department and college/school data.

I took this course (check all that apply)...

Options	Count
to meet a requirement of an undergraduate academic major or minor	8
to meet a requirement of a graduate/professional program or minor	0
to meet an undergraduate core/general education requirement	0
as an elective (not part of any major/minor/program or core/general education requirement)	0
Please explain	0

Questions about the Student

1. I believe my academic background was sufficient to succeed in this course.				2. The subject matter of this course was of interest to me before the course began.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Strongly Agree	4	5	62.50%	Strongly Agree	4	5	62.50%
Agree	3	1	12.50%	Agree	3	2	25.00%
Disagree	2	1	12.50%	Disagree	2	0	0.00%
Strongly Disagree	1	1	12.50%	Strongly Disagree	1	1	12.50%

I believe my academic background was sufficient to succeed in this course.

Comment

- I think that my information that I retained from organic chemistry 1 was very little to help me succeed in this course. Again this is my opinion.

The subject matter of this course was of interest to me before the course began.

Comment

- I hate organic chemistry

Questions about the Student

Question	Your Score			Department (Chemistry)			College (College of Arts & Sciences)		
	Response Count	Mean	Median	Response Count	Mean	Median	Response Count	Mean	Median
I believe my academic background was sufficient to succeed in this course.	8	3.25	4.00	974	3.43	4.00	10414	3.56	4.00
The subject matter of this course was of interest to me before the course began.	8	3.38	4.00	974	3.18	3.00	10414	3.33	4.00

Questions about the Student

1. I came to each class session prepared.				2. I invested enough time and energy to meet the course requirements.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Always	4	4	50.00%	Always	4	6	75.00%
Often	3	2	25.00%	Often	3	2	25.00%
Sometimes	2	2	25.00%	Sometimes	2	0	0.00%
Never	1	0	0.00%	Never	1	0	0.00%

3. I asked the instructor for help when I needed it.			
Options	Score	Count	Percentage
Always	4	5	62.50%
Often	3	1	12.50%
Sometimes	2	1	12.50%
Never	1	1	12.50%

I came to each class session prepared.
Comment
- I did online asynchronous for this class, as I was sort of forced to because of my schedule and commuting to SLU for this semester at SLU.
I invested enough time and energy to meet the course requirements.
Comment
[No Response]
I asked the instructor for help when I needed it.
Comment
- I did not really think that I needed that much extra assistance as most of the information was already relayed well.

Questions about the Student

Question	Your Score			Department (Chemistry)			College (College of Arts & Sciences)		
	Response Count	Mean	Median	Response Count	Mean	Median	Response Count	Mean	Median
I came to each class session prepared.	8	3.25	3.50	974	3.55	4.00	10414	3.53	4.00
I invested enough time and energy to meet the course requirements.	8	3.75	4.00	974	3.64	4.00	10414	3.64	4.00
I asked the instructor for help when I needed it.	8	3.25	4.00	974	3.37	4.00	10414	3.45	4.00

Questions about the Course

1. Expected learning outcomes for the course were clearly communicated.				2. The required textbook(s)/readings supported my learning in the course.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Strongly Agree	4	7	87.50%	Strongly Agree	4	4	50.00%
Agree	3	0	0.00%	Agree	3	2	25.00%
Disagree	2	1	12.50%	Disagree	2	0	0.00%
Strongly Disagree	1	0	0.00%	Strongly Disagree	1	1	12.50%
Not Applicable	NRP	0	0.00%	Not Applicable	NRP	1	12.50%

3. Class discussions/activities supported my learning in the course.				4. Assignments/homework supported my learning in the course.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Strongly Agree	4	5	62.50%	Strongly Agree	4	4	50.00%
Agree	3	2	25.00%	Agree	3	2	25.00%
Disagree	2	0	0.00%	Disagree	2	0	0.00%
Strongly Disagree	1	1	12.50%	Strongly Disagree	1	0	0.00%
Not Applicable	NRP	0	0.00%	Not Applicable	NRP	2	25.00%

5. Exams/quizzes supported my learning in the course.				6. The multimedia resources supported my learning in the course.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Strongly Agree	4	5	62.50%	Strongly Agree	4	6	75.00%
Agree	3	0	0.00%	Agree	3	0	0.00%
Disagree	2	0	0.00%	Disagree	2	0	0.00%
Strongly Disagree	1	1	12.50%	Strongly Disagree	1	0	0.00%
Not Applicable	NRP	2	25.00%	Not Applicable	NRP	2	25.00%

7. The course was taught at a pace that supported my learning.				8. The course required me to apply what I learned in new ways.			
Options	Score	Count	Percentage	Options	Score	Count	Percentage
Strongly Agree	4	6	75.00%	Strongly Agree	4	6	75.00%
Agree	3	0	0.00%	Agree	3	1	12.50%
Disagree	2	0	0.00%	Disagree	2	0	0.00%
Strongly Disagree	1	1	12.50%	Strongly Disagree	1	1	12.50%
Not Applicable	NRP	1	12.50%	Not Applicable	NRP	0	0.00%

Questions about the Course (continued)

9. The course challenged me intellectually.			
Options	Score	Count	Percentage
Strongly Agree	4	7	87.50%
Agree	3	1	12.50%
Disagree	2	0	0.00%
Strongly Disagree	1	0	0.00%
Not Applicable	NRP	0	0.00%

Assignments/homework supported my learning in the course.

Comment

- The post chapter quizzes were a massive improvement over last semesters on Orion.

Exams/quizzes supported my learning in the course.

Comment

- The quizzes were extremely helpful in prepping for exams, and the exams themselves were a revelation.

The course challenged me intellectually.

Comment

- Organic Chemistry 2, is an incredibly difficult class and I felt it really challenged me.

Questions about the Course

Question	Your Score			Department (Chemistry)			College (College of Arts & Sciences)		
	Response Count	Mean	Median	Response Count	Mean	Median	Response Count	Mean	Median
Expected learning outcomes for the course were clearly communicated.	8	3.75	4.00	970	3.62	4.00	10385	3.61	4.00
The required textbook(s)/readings supported my learning in the course.	7	3.29	4.00	898	3.38	4.00	9675	3.48	4.00
Class discussions/activities supported my learning in the course.	8	3.38	4.00	939	3.49	4.00	10089	3.56	4.00
Assignments/homework supported my learning in the course.	6	3.67	4.00	943	3.50	4.00	10081	3.55	4.00
Exams/quizzes supported my learning in the course.	6	3.50	4.00	889	3.44	4.00	8786	3.52	4.00
The multimedia resources supported my learning in the course.	6	4.00	4.00	869	3.53	4.00	9356	3.58	4.00
The course was taught at a pace that supported my learning.	7	3.57	4.00	956	3.34	4.00	10330	3.52	4.00
The course required me to apply what I learned in new ways.	8	3.50	4.00	966	3.55	4.00	10333	3.58	4.00
The course challenged me intellectually.	8	3.88	4.00	971	3.70	4.00	10352	3.57	4.00

What suggestions do you have for improving this course?

Comments
Problem session was great! I think it was a good balance of allowing students to come in with questions and filling up the time if they didn't
none
I think everything is being done in the best way for the students.
Sometimes the videos were not posted in the most convenient fashion (timely fashion). I really benefit from the flipped classroom and walking into class with a decent grasp of the material being addressed in class. Ideally, I would be able to work through some book problems and watch all the relevant videos before material was addressed in class. When these videos were posted later than usual, it delayed my learning and I gained much less from the class itself.
This course cannot be improved. The best way to improve it is to stop teaching it. I was up till 3 every night studying and working and I still did not even get a B. Please do not make future students suffer through learning this class. There is no point other than causing suffering. I did my time and suffered because I had to. Don't make others go through this class.

Please offer any additional comments and/or suggestions you wish to share about the course:

The system does not allow an instructor to connect ANY quantitative responses with an individual student. Unless a student identifies him or herself in the written comments, qualitative responses are similarly assured of confidentiality.

Comments
none
I am impressed with how well Dr. Bracher organizes the information. I have only had to use the book for problems, double checking my knowledge, and referring to tables. Reading the book has become a complete waste of time for me. His lecture/slides/presentation are very straightforward yet comprehensive.

Questions about the Instructor Paul Bracher

1. The instructor communicated ideas and information clearly.	2. The instructor demonstrated enthusiasm for the subject matter.																																																																		
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Questions about the Instructor Paul Bracher

Question	Your Score			Department (Chemistry)			College (College of Arts & Sciences)		
	Response Count	Mean	Median	Response Count	Mean	Median	Response Count	Mean	Median
The instructor communicated ideas and information clearly.	8	4.00	4.00	1531	3.54	4.00	11909	3.60	4.00
The instructor demonstrated enthusiasm for the subject matter.	8	4.00	4.00	1531	3.60	4.00	11909	3.75	4.00
The instructor provided feedback/critique that helped me with subsequent work in the course.	8	3.75	4.00	1531	3.38	4.00	11909	3.54	4.00
The instructor treated students with respect.	8	4.00	4.00	1531	3.65	4.00	11909	3.81	4.00
The instructor was available for assistance when needed.	8	4.00	4.00	1531	3.56	4.00	11909	3.71	4.00

Please offer any additional comments and/or suggestions you wish to share about the instructor Paul Bracher:

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Comments
Don't go off on as many spiels because everyone starts to tune out.
Practice sessions were nice! Didn't always enjoy that it was on a Friday but they were great!
After feeling pretty demoralized after taking Organic Chemistry 1 for Majors, I felt like Professor Bracher and his entire course revitalized by love for Chemistry as a whole. A professor that genuinely cares about his students and puts in effort in order for them to understand the material is something every student begs and wishes for. I think Professor Bracher does this to an amazing extent, and personally may be one of the most influence professors I have head since I started going to SLU. While I could not always participate in the zoom meetings, or come to class due to my scheduling circumstances and commuting to my analytical lab from home I always felt like I was still apart of this class. This helped me motivate myself while self-learning at home and allowed me to teach myself many things through the semester. I do not think Professor Bracher has actually had a interaction with me in a classroom setting, but his zoom recordings, lecture slides, and prior assessment are all things that have helped me succeed so far in this course. Besides the lockdown browser error that keeps happening when I am trying to take the exams, I think this professor and the class he teaches is a great example of what SLU has to offer.
Best, Avdo Sahbaz
Dr. Bracher is probably one of the best professors I have had at SLU. You must work hard for a great grade in the class, but he is very clear about expectations. His organization and control over the complicated material is extraordinary. Somehow he manages to be very concise yet thorough in his slides/assessments/vides/lectures. I only use the book in his class for problems and reference. I rely almost entirely on his self-made materials to review content. I am never afraid to ask him questions and thoroughly enjoy his enthusiasm (and humor) during his lecture. You can tell he cares about our understanding as students and how the information in the course is delivered to us. He made a subject that I much dreaded (and almost feared) last semester to a subject that I feel much more confident in approaching and maybe even continuing an education in. Any chance I can be under his instruction in the future, I will take it.
He is real nice and good at teaching. Sadly the matter that we are learning is just awful and not understandable. He did good and did his best but no one should have to suffer through organic chemistry. He is the best organic chemistry teacher I have seen, but this is hampered by the fact that organic chemistry is the worst class to ever be taught in the 200 years of SLU's existence. I would rather have spent 3 months in jail than learning organic chemistry because in jail you at least get a full night's sleep. This does not mean Paul is a bad professor he was real nice and taught in a way I could understand its just that organic chemistry itself is terrible and can only be understood by geniuses and those willing to never get a good night's sleep.