

Final Course and Instructor Evaluations CHEM-342 - Introduction to Biochemistry - Spring 2009

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The following are the responses of all 20 registered students to the University of Delaware's on-line course evaluations conducted during the last week of classes.

Question	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree	Total (20)	Mean	Std. Dev
	1	2	3	4	5	N		
The course was well organized.	0	1	0	9	10	20	4.4	0.75
The course textbook was very useful.	0	5	10	3	2	20	3.1	0.91
The course examinations emphasized understanding of the material.	0	1	1	6	12	20	4.45	0.83
The course emphasized understanding of the material rather than memorization.	0	0	0	5	15	20	4.75	0.44
Overall, I learned a great deal in this course, including factual knowledge, principles of behavior, or skills.	0	3	1	5	11	20	4.2	1.11
I found the visit by Dr. Howard Dintzis to the class definitely worthwhile.	0	1	1	6	12	20	4.45	0.83
I found the visit by Dr. Carlton Cooper to the class definitely worthwhile.	0	0	2	7	11	20	4.45	0.69
The process-oriented guided inquiry learning (POGIL) activities (e.g. protein crystallization for Zinoffsky, experimental decisions relating to Dintzis, and natural selection on hemoglobin for Allison) should be used in future offerings of CHEM-342.	0	1	2	12	5	20	4.05	0.76
It would be a good idea to form new groups after midterm.	7	7	3	1	2	20	2.2	1.28
Peer evaluation of student performance within groups was a worthwhile activity	0	2	4	10	4	20	3.8	0.89
My group would have done fine without a tutor-facilitator	7	9	2	2	0	20	1.95	0.94
I think examinations in CHEM-342 should focus more on factual information and less on problem solving.	5	6	8	1	0	20	2.25	0.91
The assignments I turned in were graded and returned promptly.	0	0	2	2	16	20	4.7	0.66
A considerable amount of the material in CHEM-342 reviewed material I had studied in other courses.	0	7	4	8	1	20	3.15	0.99
It was a bad idea to change tutor-facilitators after Spring Break.	5	5	4	6	0	20	2.55	1.19
My jigsaw group's concept map reflected mostly the efforts of one or two group members.	3	5	1	10	1	20	3.05	1.28

CHEM-342, Introduction to Biochemistry, final Course and Instructor Evaluations, Spring 2009

I think grades in CHEM-342 should be based solely on individual performance.	3	9	7	1	0	20	2.3	0.80
I talked about subjects and issues arising in this course with people not enrolled in the course.	0	2	9	7	2	20	3.45	0.83
I feel that I can apply the general principles I learned in CHEM-342 to problems in other courses.	0	0	1	11	8	20	4.35	0.59
I found the hemoglobinopathy assignment worthwhile.	1	1	3	9	6	20	3.9	1.07
As a result of this class my ability to find, read, and analyze information has improved.	0	0	1	6	13	20	4.6	0.60
I feel confident that I can read and understand research articles.	0	1	1	8	10	20	4.35	0.81
I am comfortable working in groups.	0	0	3	12	5	20	4.1	0.64
I feel comfortable sharing information.	0	1	1	11	7	20	4.2	0.77
I feel comfortable asking help from others.	0	1	1	13	5	20	4.1	0.72
I feel comfortable in relying on information obtained from others.	0	3	6	8	3	20	3.55	0.94
Given the opportunity, I would like to take another class designed like this one.	2	0	3	6	9	20	4	1.26
Discussion of the mystery molecules helped me make connections to things I had learned in other chemistry courses.	1	2	3	10	4	20	3.7	1.08
I found the course web-site to be a useful resource.	0	0	0	9	11	20	4.55	0.51
I found the quotations on the board thought provoking.	0	1	6	8	5	20	3.85	0.88
I enjoyed working in the jigsaw group for one week.	3	2	4	8	3	20	3.3	1.30
My group made use of the classroom library	0	5	5	7	3	20	3.4	1.05
I found the scratch-off group-quiz format a useful learning activity.	0	0	1	13	6	20	4.25	0.55
Having a group outing at the beginning of the course helped my group to work well together.	0	1	9	6	4	20	3.65	0.88
Overall, I would rate this class:	0	1	3	6	10	20	4.25	0.91

Question	1 - 0	3 - 2	5 - 4	7 - 6	8 or more	Total (20)
On the average, the number of hours per week I spend working on this course outside of class is:	3	9	6	2	0	

Essay Responses for CHEM-342 Section 010 for 2009 Spring

Question ID: 3436 Comment on the course.

Responses (15 of 20)

- Please see my previous comments.
- Definitely one of the best courses I have ever taken. The lessons I learned extend well beyond biochemical facts about hemoglobin
- Sometimes it was difficult to tell what was going to be on the exam. Thought that sometimes I was able to understand all of the concepts on the articles but then the exam would ask me specific knowledge questions.
- Great course. The course was a lot of work, and at times the workload seemed overwhelming in combination with the workloads of other courses. Despite this, the course was interesting, stimulating and enjoyable.
- A lot of the concepts [of the articles] were hard to comprehend at first. Of course that got easier after each additional article was read. A lot of the time, I had trouble looking up the right information, or even deciding that the information I was looking up was what I needed to be looking up. I feel that this course is an excellent gateway into the research branch of the scientific world.
- This was both a relaxing course and a challenging course at the same time.
- The course had an interesting subject and it did help me learn how to read articles better, with more understanding.
- Overall, it was a very helpful and interesting course with PBL. It not only introduced me to basic biochemistry concepts but also showed me how I should be learning from articles and not just text books.
- The course was very challenging and time-consuming for an introduction course. The course allowed me to learn how to understand concepts at a much deeper level than ever before through individual research and group cooperation. The course provides a solid background in both biochemistry and advanced methods for learning in the future.
- Most of the time difficult, FRUSTRATING, constant group work adds the added pressure of getting along with people on top of learning biochemistry. However, I was surprised that the midterm was actually do-able and fair. We do learn a lot in this class, but the way it is set up puts us through UNNECESSARY stress
- An excellent class.
- I think we should have had more time for the Zinoffsky article, but I think the unusual snow day is the reason that the time was cut short. Other than that, I thought the course went pretty well. I won't fully know the extent of its usefulness until I take CHEM641 next fall, but as of now I feel like it definitely helped a lot.