

	Percentage of responses							Mean	Resp.
	1	2	3	4	5	6	7		
	Very Low			Very High					
The amount of work I had to do for this course was:	11	8	14	43	18	4	4	3.8	28
The degree to which material learned in this course met my expectations was:	0	0	7	18	36	29	11	5.1	28
	Extremely Poor			Outstanding					
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	0	7	21	36	36	6.0	28
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	0	0	4	7	39	36	15	5.5	28
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	0	0	4	14	25	32	25	5.6	28
The degree to which the lecture material helped me prepare for exams was:	0	0	4	19	15	26	37	5.7	27
The usefulness of course lecture notes and materials posted on Blackboard was:	0	0	0	7	14	29	50	6.2	28
The usefulness of the required course textbook for this course was:	0	0	7	18	21	36	18	5.4	28
The helpfulness of the online quizzes was:	0	0	0	80	0	20	0	4.4	5
The overall flow of how the course (lectures, assignments, etc.) went together was:	0	0	6	12	23	40	19	5.6	28
The value of the overall learning experience was:	0	0	0	11	18	32	39	6.0	28
	Yes		No						
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	96	4							28

Students liked the course and found the professor very engaging, however students felt that the lecture notes could be improved and that there were too many readings. Students enjoyed the guest lectures though would have liked lecture slides for the guest lectures. Some students struggled with the business and sequencing technology lectures.

	Percentage of responses							Mean	Resp.
	1	2	3	4	5	6	7		
	Very Low			Very High					
The amount of work I had to do for this course was:	0	1	8	17	31	28	15	5.2	78
The degree to which material learned in this course met my expectations was:	0	0	0	25	33	31	12	5.3	77
	Extremely Poor			Outstanding					
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	0	7	23	38	33	6.0	77
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	0	5	7	22	27	25	14	5.0	77
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	1	8	7	24	20	25	15	4.9	75
The degree to which the lecture material helped me prepare for exams was:	3	3	7	20	17	24	27	5.3	75
The usefulness of course lecture notes and materials posted on Blackboard was:	0	1	1	13	21	36	27	5.7	77
The degree to which questions posted on Blackboard were answered clearly or effectively was:	1	0	1	20	27	31	20	5.4	71
The ability of the tutorials to reinforce lecture material was:	0	3	13	22	28	24	9	4.9	76
The usefulness of the required course textbook for this course was:	13	9	15	22	26	16	0	3.9	69
The helpfulness of the online quizzes was:	1	1	3	14	28	41	12	5.4	74
The overall flow of how the course (lectures, assignments, etc.) went together was:	1	0	5	18	36	29	11	5.2	76
The value of the overall learning experience was:	1	1	4	13	23	36	21	5.5	77
	Yes		No						
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	81	19							73

Students enjoyed the guest lecturers and the variety of topics discussed in the course, but felt that the first term test was too long, and that the pharmacokinetic calculation questions were too difficult. They also felt that the questions on the term tests were sometimes too vague. Students suggested an increased emphasis on toxicology in the course.

	Percentage of responses							Mean	Resp.	
	1	2	3	4	5	6	7			
	Very Low			Very High						
The amount of work I had to do for this course was:	0	2	66	38	21	25	8	4.9	48	
The degree to which material learned in this course met my expectations was:	2	2	4	23	27	23	19	5.2	48	
	Extremely Poor			Outstanding						
The degree to which the lectures improved my knowledge in the subject covered in this course was:	2	0	4	17	21	38	17	5.4	47	
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	0	4	4	4	21	38	29	5.7	28	
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	0	0	0	11	21	38	30	5.9	47	
The degree to which the lecture material helped me prepare for exams was:	0	0	2	9	23	34	32	5.9	47	
The usefulness of course lecture notes and materials posted on Blackboard was:	0	2	4	7	28	30	28	5.7	46	
The usefulness of the required course textbook for this course was:	0	11	4	30	30	15	11	4.7	47	
The helpfulness of the online quizzes was:	0	0	3	26	40	20	11	5.1	35	
The overall flow of how the course (lectures, assignments, etc.) went together was:	0	2	0	15	27	33	23	5.6	48	
The value of the overall learning experience was:	0	2	2	11	28	26	32	5.7	47	
	Yes		No							
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	87	13							47	

Despite being slightly unorganized as it was the first year for the course, most students found the course to be enjoyable and a nice refresher from the science courses they were otherwise taking. Many students enjoyed the small class size and class interactions and thought they could apply what they learnt in this class throughout their academic careers. However, students would have appreciated slides being posted earlier before class.

	Percentage of responses							Mean	Resp.
	1	2	3	4	5	6	7		
	Very Low			Very High					
The amount of work I had to do for this course was:	2	0	0	10	37	28	23	5.6	60
The degree to which material learned in this course met my expectations was:	2	0	3	8	43	25	18	5.4	60
	Extremely Poor			Outstanding					
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	0	7	17	55	22	5.9	60
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	2	3	17	14	27	27	9	4.7	59
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	3	0	8	13	37	27	12	5.1	60
The degree to which the lecture material helped me prepare for exams was:	2	2	3	15	23	32	23	5.5	60
The usefulness of course lecture notes and materials posted on Blackboard was:	0	2	5	7	20	38	28	5.7	60
The usefulness of the required course textbook for this course was:	9	17	15	27	20	3	3	3.4	59
The overall flow of how the course (lectures, assignments, etc.) went together was:	2	3	5	22	40	22	7	4.9	60
The value of the overall learning experience was:	0	2	2	9	37	39	12	5.5	59
	Yes	No							
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	60	40							

Students appreciated the detailed coverage of pharmacodynamics, but felt the time allowed for writing the midterms was too short. Many students felt the expectations for the evaluations were unclear, and would have appreciated a consolidated list of drugs when studying for exams. Students felt the assignment helped them consolidate their knowledge, and wished it had been worth more. Students would have preferred that lecture notes be posted in advance of lecture to help note-taking.

	Percentage of responses							Mean	Resp.	
	1	2	3	4	5	6	7			
	Very Low			Very High						
The amount of work I had to do for this course was:	0	3	3	28	38	17	10	4.9	29	
The degree to which material learned in this course met my expectations was:	0	0	10	17	38	28	7	5.0	29	
	Extremely Poor			Outstanding						
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	3	7	24	48	17	5.7	29	
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	14	14	36	14	7	14	0	3.2	28	
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	10	3	14	28	24	17	3	4.2	29	
The degree to which the lecture material helped me prepare for exams was:	3	0	17	14	24	28	14	4.9	29	
The usefulness of course lecture notes and materials posted on Blackboard was:	4	0	4	14	25	32	21	5.4	28	
The value of the movies was:	0	3	0	17	10	17	52	5.9	29	
The ability of the tutorials to reinforce lecture material was:	12	15	31	19	19	4	0	3.31	26	
The usefulness of the required course textbook for this course was:	38	25	0	25	0	13	0	2.6	8	
The overall flow of how the course (lectures, assignments, etc.) went together was:	0	0	14	21	48	17	0	4.7	29	
The value of the overall learning experience was:	0	0	14	21	48	17	0	4.7	29	
	Yes	No								
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	65	35								29

Students really enjoyed the content of the course, as well as Professor Well's use of current events to show the impact of pharmacology and toxicology on society. However, they disliked the format of the term tests because they felt that it did not reflect all the concepts learned in the course. They also found the marking scheme for the term tests to be too strict and the time taken to release the grades to be too long.

	Percentage of responses							Mean	Response	
	1	2	3	4	5	6	7			
	Very Low			Very High						
The amount of work I had to do for this course was:	0	0	0	0	6	50	44	6.4	16	
The degree to which material learned in this course met my expectations was:	0	0	0	0	27	40	33	6.1	15	
	Extremely Poor			Outstanding						
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	0	0	33	60	7	5.7	15	
The degree to which these laboratories improved my knowledge in the subject covered in the course was:	0	0	0	0	13	57	31	6.2	16	
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	0	0	0	13	19	56	13	5.7	16	
The degree to which the course material helped me prepare for exams was:	0	0	0	19	25	56	0	5.4	16	
The degree to which the prelab talk helped prepare for the practical portion of the laboratory was:	0	6	0	6	19	56	0	5.6	16	
The usefulness of course notes and materials posted on Blackboard was:	0	0	0	6	38	44	13	5.6	16	
The quizzes are an effective way to prepare for the laboratory:	0	13	19	19	13	39	0	4.4	16	
The overall flow of how the course (lectures, assignments, etc.) went together was:	0	0	6	0	38	50	6	5.5	16	
The value of the overall learning experience was:	0	0	0	6	13	56	25	6.0	16	
	Yes No									
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	100	0								13

Students thought that this was a valuable learning experience as it incorporated hands on work and current research techniques. Students felt that the expectations and requirements for lab reports could be clearer, and suggested that the first lab report should be worth less or be later in the year when students were more familiar with the expectations for the lab reports. Students appreciated the guest lecturers, but would like them to be clearer on their presentations. Overall, students found the course to be an enlightening experience.

	Percentage of responses							Mean	Resp.
	1	2	3	4	5	6	7		
	Very Low			Very High					
The amount of work I had to do for this course was:	0	0	0	22	5	22	0	5	9
The degree to which material learned in this course met my expectations was:	0	0	0	11	44	44	0	5.3	9
	Extremely Poor			Outstanding					
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	0	33	22	33	11	5.2	9
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	11	0	11	33	33	0	11	4.2	9
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	0	0	33	11	44	11	0	4.3	9
The degree to which the lecture material helped me prepare for exams was:	0	0	22	33	22	22	0	4.4	9
The usefulness of course lecture notes and materials posted on Blackboard was:	11	0	0	22	33	11	11	4.1	9
The degree to which questions posted on Blackboard were answered clearly or effectively was:	11	0	0	22	0	0	0	1	9
The usefulness of the required course textbook for this course was:	0	0	0	22	22	0	33	4.3	9
The helpfulness of the online quizzes was:	0	0	0	33	44	22	0	4.9	9
The overall flow of how the course (lectures, assignments, etc.) went together was:	0	0	0	22	56	11	11	5.1	9
The value of the overall learning experience was:	0	0	0	22	33	44	0	5.2	9
	Yes	No							
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	44	56							

Students commented that the course was informative, but sometimes the material was not explained very well. Some students asked for more practice questions and assignments, and the results of online quizzes to be available for students to see. Lastly, students would have liked to see the department make the SPSS software available to the students, so they could set it up on their own laptops.

	Percentage of responses							Mean	Resp.	
	1	2	3	4	5	6	7			
	Very Low			Very High						
The amount of work I had to do for this course was:	4	0	7	19	30	30	11	5	27	
The degree to which material learned in this course met my expectations was:	4	4	7	22	22	11	30	5	27	
	Extremely Poor			Outstanding						
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	7	4	30	33	26	5.7	27	
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	4	0	4	19	11	26	37	5.6	27	
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	0	0	7	15	26	33	15	5	27	
The degree to which the lecture material helped me prepare for exams was:	0	0	4	23	19	11	4	3.0	26	
The usefulness of course lecture notes and materials posted on Blackboard was:	0	0	4	7	22	48	15	5.4	27	
The overall flow of how the course (lectures, assignments, etc.) went together was:	0	4	7	15	26	30	19	5.3	27	
The value of the overall learning experience was:	0	7	0	15	11	37	30	5.6	27	
	Yes No									
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	78	22								27

Many students thought this course provided engaging discussions, and interesting guest lecturers that brought different perspectives to the issues. Some students would have liked more feedback with coursework and more clearly defined expectations for the placements and assignments. Many students did not enjoy the reflective writing component, and the response from the community partner involvement was mixed.



	Percentage of responses							Mean	Resp.
	1	2	3	4	5	6	7		
	Very Low			Very High					
The amount of work I had to do for this course was:	0	0	0	3	9	29	60	6.5	35
The degree to which material learned in this course met my expectations was:	3	3	0	6	23	31	34	5.7	35
	Extremely Poor			Outstanding					
The degree to which the lectures improved my knowledge in the subject covered in this course was:	3	3	0	3	12	47	32	5.9	34
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	0	0	6	6	23	46	20	5.7	35
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	9	0	6	6	26	38	15	5.2	34
The degree to which the lecture material helped me prepare for exams was:	3	0	3	3	17	49	26	5.8	35
The usefulness of course lecture notes and materials posted on Blackboard was:	0	3	0	3	17	40	37	6.0	35
The degree to which questions posted on Blackboard were answered clearly or effectively was:	10	3	3	10	23	29	23	5.1	34
The ability of the small group sessions to expand lecture material was:	15	3	0	12	29	32	9	4.7	31
The usefulness of the required course textbook for this course was:	14	7	10	21	21	14	14	4.2	29
The helpfulness of the online quizzes was:	17	11	9	6	26	23	9	4.1	35
The overall flow of how the course (lectures, assignments, etc.) went together was:	3	6	3	14	34	29	11	5.0	35
The value of the overall learning experience was:	6	0	3	11	29	31	20	5.3	35
	Yes		No						
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	52	48							33

While students thought that the course material was interesting, many found it to be too memory intensive and the volume of material to be overwhelming. Students found the workload to be unreasonable and poorly coordinated with other PCL courses. Also, while students appreciated having different guest lecturers for the different topics, they found that the quality of teaching varied greatly depending on the lecturer. Students also found the quizzes to be effective and useful, and they would have liked more practice questions to help better prepare for the course examinations.

	Percentage of responses							Mean	Resp.	
	1	2	3	4	5	6	7			
	Very Low			Very High						
The amount of work I had to do for this course was:	0	0	0	12	0	29	59	6.4	17	
The degree to which material learned in this course met my expectations was:	0	11	0	17	11	56	6	5.2	18	
	Extremely Poor			Outstanding						
The degree to which the lectures improved my knowledge in the subject covered in this course was:	6	6	0	6	33	22	28	5.3	18	
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	11	0	6	17	28	22	17	4.8	18	
The degree to which these laboratories improved my knowledge in the subject covered in the course was:	11	0	6	0	28	22	33	5.3	18	
The degree to which the lecture material helped me prepare for exams was:	17	0	0	17	22	28	17	4.8	18	
The usefulness of course lecture notes and materials posted on Blackboard was:	11	0	6	6	28	39	11	5.0	18	
The degree to which the prelab talk helped prepare for the practical portion of the laboratory was:	11	0	11	11	22	28	17	4.8	18	
The quizzes are an effective way to prepare for the laboratory	24	6	12	12	29	6	12	3.8	17	
The overall flow of how the course (lectures, assignments, etc.) went together was:	11	22	0	11	28	17	11	4.2	18	
The value of the overall learning experience was:	6	0	11	11	28	11	33	5.2	18	
	Yes		No							
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	46	54								13

Students found the hands on experience to be useful, and thought the modules were well organized. However, many students felt that the workload was extremely high, especially at the end of the semester, and would have appreciated more feedback on the lab reports.

	Percentage of responses							Mean	Resp.
	1	2	3	4	5	6	7		
	Very Low			Very High					
The amount of work I had to do for this course was:	0	0	9	27	27	27	9	5.0	11
The degree to which material learned in this course met my expectations was:	0	0	9	36	36	18	0	4.6	11
	Extremely Poor			Outstanding					
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	9	27	27	36	0	4.9	11
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	0	0	9	27	36	9	18	5.0	11
The degree to which the lecture material helped me prepare for exams was:	0	0	9	27	18	46	0	5.0	11
The usefulness of course lecture notes and materials posted on Blackboard was:	0	0	0	9	27	64	0	5.6	11
The degree to which questions posted on Blackboard were answered clearly or effectively was:	0	0	9	9	18	36	9	5.1	11
The degree to which assignments were related to toxicology was:	0	0	9	9	18	36	27	5.6	11
The degree to which assignments introduced me to new toxicological resources was:	0	0	9	27	27	36	0	4.9	11
The overall flow of how the course (lectures, assignments, etc.) went together was:	9	18	0	18	9	46	0	4.4	11
The value of the overall learning experience was:	0	0	18	27	9	36	9	4.9	11
	Yes		No						
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	30	70							10

Students enjoyed the wide range of topics covered, as well as the array of guest lecturers. Students felt that even though the lecture topics were interesting, they needed to have a better flow to them and wished that assigned readings had been posted beforehand. Overall, many enjoyed the diversity that the course offered.

	Percentage of responses							Mean	Resp.	
	1	2	3	4	5	6	7			
	Very Low			Very High						
The amount of work I had to do for this course was:	0	0	0	23	23	31	23	5.5	13	
The degree to which material learned in this course met my expectations was:	0	0	0	23	8	46	23	5.7	13	
	Extremely Poor			Outstanding						
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	0	15	8	23	54	6.2	13	
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	0	23	15	31	15	8	8	3.9	13	
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	0	0	8	25	17	33	17	5.2	12	
The degree to which the lecture material helped me prepare for exams was:	0	0	8	23	0	54	15	5.5	13	
The usefulness of course lecture notes and materials posted on Blackboard was:	0	8	8	23	0	31	31	5.3	13	
The usefulness of the required course textbook for this course was:	0	17	33	17	8	8	17	4.1	12	
The ability of the tutorials to reinforce the lecture material was:	0	0	0	0	0	50	50	6.5	2	
The overall flow of how the course (lectures, assignments, etc.) went together was:	0	0	15	15	8	23	39	5.6	13	
The value of the overall learning experience was:	0	0	0	15	8	23	54	6.2	13	
	Yes No									
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	85	15								13

Students really enjoyed the content of the course, particularly its integration with other fields of study. They also admired Professor Burnham's enthusiasm for the course content, but they believed that it was a lot of content to cover. They found the course to be disorganized in terms of the format and accuracy of the posted lecture notes as well as the time taken to post test grades. Some students found the teacher assistant to be disorganized and, as a result, not entirely helpful.

	Percentage of responses							Mean	Resp.	
	1	2	3	4	5	6	7			
	Very Low			Very High						
The amount of work I had to do for this course was:	0	0	10	40	40	10	0	4.5	30	
The degree to which material learned in this course met my expectations was:	0	0	0	23	27	40	10	5.4	30	
	Extremely Poor			Outstanding						
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	0	3	27	40	30	6.0	30	
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	0	0	0	24	24	28	17	5.0	29	
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	0	0	0	10	23	33	30	5.7	30	
The degree to which the lecture material helped me prepare for exams was:	0	0	0	0	17	37	43	6.1	30	
The usefulness of course lecture notes and materials posted on Blackboard was:	0	0	0	0	17	37	47	6.3	30	
The degree to which questions posted on Blackboard were answered clearly or effectively was:	0	3	0	10	10	14	3	2.1	29	
The ability of the small group sessions to expand lecture material was:	0	4	0	0	4	4	0	0.5	28	
The ability of the tutorials to reinforce lecture material was:	0	4	0	0	7	0	0	0.4	28	
The overall flow of how the course (lectures, assignments, etc.) went together was:	0	0	0	3	27	50	17	5.6	30	
The value of the overall learning experience was:	0	0	0	3	27	50	17	5.6	30	
	Yes No									
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	90	10								29

Students found the material interesting, the course to be well organized, and they appreciated how the material was heavily focused on current research. While the students appreciated the straightforwardness of the tests, they would have liked to be given questions that tested their ability to apply the material as opposed to being tested on minute-details. Students would have liked clearer guidelines or examples regarding the assignment.

	Percentage of responses							Mean	Resp.	
	1	2	3	4	5	6	7			
	Very Low			Very High						
The amount of work I had to do for this course was:	0	0	14	29	14	29	14	5.0	7	
The degree to which material learned in this course met my expectations was:	0	0	0	29	29	43	0	5.1	7	
	Extremely Poor			Outstanding						
The degree to which the lectures improved my knowledge in the subject covered in this course was:	0	0	0	0	43	43	14	5.7	7	
The degree to which student work was returned with feedback for improvement/reinforcement, when appropriate, was:	0	14	0	29	29	14	14	4.7	7	
The degree to which questions addressed in papers/assignments/tests reflected the subject matter covered in lectures was:	0	14	0	14	14	43	14	5.1	7	
The degree to which the lecture material helped me prepare for exams was:	0	0	0	14	29	43	14	5.6	7	
The usefulness of course lecture notes and materials posted on Blackboard was:	0	0	0	0	29	57	14	5.9	7	
The overall flow of how the course (lectures, assignments, etc.) went together was:	0	0	0	29	29	29	14	5.3	7	
The value of the overall learning experience was:	0	0	0	29	29	29	14	5.3	7	
	Yes		No							
Considering your experience with this course, and disregarding your need for it to meet degree requirements, would you still have taken this course?	43	57								7

Students found the course well coordinated, and that it covered a wide range of topics. They felt that the lecturers were very personable, but would have appreciated more time to study for Dr. Utrecht's section, and an increased availability of practice tests.