CHEMISTRY STUDENTS' UNION

Introduction

The Chemistry Students' Union (CSU) is a University of Toronto students' union that represents the interests of all undergraduate students who take a course offered by the Department of Chemistry and it is bound by the CSU constitution.

The CSU not only holds many academic and social events but it also acts as your representative to the Department of Chemistry. The CSU is also responsible for providing reliable information on Chemistry courses, based on the comments written on the questionnaire handed out towards the end of your course, to the annual ASSU Anti-Calendar. Check out our website: http://www.mycsu.ca/

CSU Executive

CHM 101H1S The Chemistry and Biology of Organic Molecules: Sex, Drugs and Rock and Roll!

Instructor(s): R. Batey

Enr: 51			Resp: 20				Retake: 70%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	15	25	35	25	5.7
Explains	0	0	0	10	26	31	31	5.8
Communicates	0	0	0	15	15	31	36	5.9
Teaching	0	0	0	10	10	35	45	6.2
Workload	0	10	21	57	10	0	0	3.7
Difficulty	0	5	10	47	31	5	0	4.2
Learn Exp	0	0	0	40	20	20	20	5.2

Students really enjoyed the course overall; the material was interesting and Batey was enthusiastic. Some students felt the material was difficult at times for the non-science students.

CHM 138H1F Introductory Organic Chemistry I

Instructor(s): D. Zamble; K. Quinlan

Enr: 154			Resp: 65				Retake: 59%
	1	2	3	4	5	6	7	Mean
Zamble:								
Presents	3	1	6	23	26	29	10	5.0
Explains	1	3	10	13	36	23	10	4.9
Communicates	1	4	18	15	34	17	7	4.6
Teaching	3	3	10	15	33	24	9	4.8
Quinlan:								
Presents	3	1	1	10	21	39	21	5.5
Explains	3	0	3	9	26	34	23	5.5
Communicates	3	0	3	7	23	31	31	5.7
Teaching	1	0	4	9	26	29	28	5.6
Course:								
Workload	0	0	1	26	36	20	15	5.2
Difficulty	0	0	0	20	37	24	17	5.4
Learn Exp	1	3	0	33	29	24	7	4.9

Zamble was described as knowledgeable and enthusiastic, and actively engaged the class through questions. However, she sometimes seemed to have trouble understanding the questions posed by students. Overall, though she performed effectively as a lecturer.

Quinlan presented the material clearly and in an organized fashion. However, students felt she was not engaging enough as she only lectured from slides and did not engage the class through discussions. Overall, she was well-liked by students.

Students had mixed opinions on tutorials and labs, and the tests were deemed to be too hard.

Instructor(s): A. Yudin

Enr: 154			Resp: 65				Retake: 65%
	1	2	3	4	5	6	7	Mean
Presents	4	3	10	20	21	23	15	4.8
Explains	4	1	6	15	16	30	24	5.3
Communicates	4	0	4	1	21	32	35	5.7
Teaching	6	0	4	11	28	25	23	5.3
Workload	0	0	2	32	34	14	16	5.1
Difficulty	0	0	2	22	30	22	22	5.4
Learn Exp	5	0	2	32	30	20	10	4.8

Some students found Yudin a fun and enthusiastic instructor. These students found his thorough detailed explanations helpful. On the other hand, some students found his lectures disorganized and unprepared.

Instructor(s): A. Dicks; M. Winnik

Enr: 406			Resp: 202				Retake: 71%
	1	2	3	4	5	6	7	Mean
Dicks:								
Presents	1	0	0	3	14	34	45	6.2
Explains	1	0	0	3	22	41	29	5.9
Communicates	1	0	0	4	15	32	44	6.1
Teaching	1	0	0	3	14	41	38	6.1
Winnik:								
Presents	1	0	0	6	17	41	32	5.9
Explains	1	0	0	6	17	41	32	5.9
Communicates	1	0	0	3	8	24	62	6.4
Teaching	2	0	2	3	18	43	31	5.9
Course:								
Workload	0	0	2	32	35	21	7	5.0
Difficulty	0	1	3	26	34	24	9	5.0
Learn Exp	0	0	2	26	31	25	14	5.2

While students found the course material a bit heavy, they enjoyed having both Dicks and Winnik as their instructors. Both were lauded as effective instructors for a large class, and were appreciated as helpful instructors who cared about teaching their students well. Both instructors were appreciated for their availability.

Students liked the extra space left on Dicks' lecture slides for them to take down some notes. He was organized and enthusiastic.

Students appreciated Winnik's humour and helpful nature. Some students said his lectures could have been a little more organized.

Instructor(s): D. Seferos

Enr: 406			Resp: 202				Retake: 70%
	1	2	3	4	5	6	7	Mean
Presents	0	1	7	16	28	27	19	5.3
Explains	0	0	4	20	27	30	18	5.3
Communicates	0	0	6	18	28	24	19	5.3
Teaching	1	0	3	16	29	33	17	5.4
Workload	0	0	2	36	31	19	8	4.9

	1	2	3	4	5	6	7	Mean
Difficulty	0	1	3	29	32	24	8	5.0
Learn Exp	0	0	2	27	29	24	15	5.2

Students found Seferos to be a generally effective lecturer. He was available to students for outside help, and was able to explain key concepts well. Some students said his lectures could have been better organized, and he could have been more enthusiastic about the material.

Instructor(s): A. Dicks; M. Winnik

Enr: 383   Resp: 201   Retake: 78%

	1	2	3	4	5	6	7	Mean
Dicks:								
Presents	0	0	1	3	9	33	50	6.3
Explains	0	0	2	5	18	31	42	6.1
Communicates	0	1	2	4	14	28	50	6.2
Teaching	0	0	1	3	12	32	48	6.2
Winnik:								
Presents	1	1	3	9	25	35	23	5.6
Explains	0	0	2	3	18	35	38	6.0
Communicates	0	0	0	3	11	26	58	6.4
Teaching	0	0	3	3	17	36	38	6.0
Course:								
Workload	0	0	0	33	41	20	4	5.0
Difficulty	0	0	1	27	40	25	5	5.1
Learn Exp	0	1	1	23	25	35	11	5.3

Overall, Dicks was an outstanding instructor with clear and helpful slides. He presented the material clearly and in an organized manner, enabling students to better understand the concepts. He also used excellent real world examples to support the material.

Instructor(s): D. Seferos

Enr: 383   Resp: 184   Retake: 77%

	1	2	3	4	5	6	7	Mean
Presents	0	0	7	11	32	30	17	5.4
Explains	0	0	3	14	36	26	17	5.3
Communicates	0	0	11	19	32	22	13	5.1
Teaching	0	0	0	12	32	33	20	5.6
Workload	0	0	0	33	38	20	6	5.0
Difficulty	0	0	1	26	37	27	6	5.1
Learn Exp	1	0	0	23	25	35	12	5.3

Seferos was a good lecturer who explained and presented concepts well. He was very approachable and was always willing to answer questions. Students wanted more connection between the labs and the lectures, as well as more organization in the slides

Overall, students found the course to be challenging but enjoyable as Seferos was able to explain the material thoroughly with numerous examples.

CHM 138H1S Introductory Organic Chemistry

Instructor(s): S. Browning; J. Chin

Enr: 391   Resp: 180   Retake: 62%

	1	2	3	4	5	6	7	Mean
Browning:								
Presents	1	0	0	6	20	35	35	5.9
Explains	1	0	2	8	24	35	26	5.7
Communicates	1	0	1	5	14	29	48	6.1
Teaching	1	0	2	10	22	30	31	5.7
Chin:								
Presents	1	0	6	19	32	23	16	5.2
Explains	1	0	2	19	31	27	16	5.3
Communicates	1	0	1	14	25	32	23	5.5
Teaching	0	1	0	12	28	33	22	5.6
Course:								
Workload	1	1	1	26	34	23	12	5.1
Difficulty	1	0	2	21	32	28	14	5.2
Learn Exp	1	4	3	30	30	18	11	4.8

Browning was described to be an enthusiastic, excellent, and interesting lecturer. He was always available to answer any questions. However, students thought that his lectures did not reflect the difficulty of the course work.

The course was said to have very challenging methods of evaluation. Again, students said they thought the lecture material did not prepare them for such evaluations. Students wished for labs that were more related to what they were learning. Yet, students thought the course material was interesting. Tutorials were thought to be rather disorganized.

Chin was described as friendly and approachable. However, his lectures were not entirely effective since some of the material was rushed. He was a great lecturer and very enthusiastic. Students would have appreciated it if the lecture slides contained more notes and less diagrams. Chin was very explicit with his expectations from the students and they thought they were fairly evaluated.

Instructor(s): S. Browning; J. Chin

Enr: 317   Resp: 104   Retake: 62%

	1	2	3	4	5	6	7	Mean
Browning:								
Presents	0	0	0	2	19	37	39	6.1
Explains	0	0	0	5	26	38	29	5.9
Communicates	0	0	0	0	13	39	45	6.3
Teaching	0	0	0	11	20	33	33	5.9
Chin:								
Presents	0	0	0	17	35	26	18	5.4
Explains	0	0	0	7	37	34	18	5.6
Communicates	0	0	0	5	24	43	26	5.9
Teaching	0	0	0	5	37	34	21	5.7
Course:								
Workload	0	0	0	28	39	20	9	5.1
Difficulty	0	0	1	20	36	33	6	5.2
Learn Exp	1	0	1	35	28	27	6	5.0

The course was well-organized. A few students felt that the labs were not helpful.

Browning was an enthusiastic lecturer, who was nice and approachable. Students were happy with how accessible he was to them. However, many said they would have liked more difficult examples in class, which would have given them an idea about what to expect on the tests.

Chin was well-liked by students and described as nice and helpful. Students mentioned that they would have liked more detailed lecture notes.

CHM 139H1F Chemistry: Physical Principles

Instructor(s): S. Browning

Enr: 382   Resp: 225   Retake: 33%

	1	2	3	4	5	6	7	Mean
Presents	0	1	1	11	30	33	20	5.5
Explains	1	2	5	21	25	29	13	5.1
Communicates	0	0	1	6	22	36	31	5.9
Teaching	0	0	5	15	31	28	16	5.3
Workload	0	0	1	18	28	32	18	5.4
Difficulty	0	0	0	18	20	34	26	5.7
Learn Exp	1	4	7	37	27	14	7	4.6

Students felt that while the material was interesting, the difficulty of the material that was taught by Browning was not reflected accurately in the exams.

Students would have also appreciated having more tutorials or help sessions, as well as more feedback on exams.

Instructor(s): S. Browning

Enr: 323   Resp: 131   Retake: 35%

	1	2	3	4	5	6	7	Mean
Presents	0	0	3	12	30	32	20	5.5
Explains	0	0	10	17	27	30	12	5.1
Communicates	0	0	0	12	22	33	30	5.8

	1	2	3	4	5	6	7	Mean
Teaching	1	1	3	21	29	22	19	5.2
Workload	0	0	0	29	32	25	12	5.2
Difficulty	0	0	0	20	29	30	19	5.5
Learn Exp	0	2	9	43	27	10	6	4.5

Browning was liked by students and was described as an enthusiastic lecturer who cared about his students. He was helpful and tried to make the basic concepts clear to students in class.

Unfortunately, students felt that the examples shown in class did not reflect the difficulty of the test material. Students suggested that harder examples be solved in class.

A few students mentioned that labs were disorganized and hard to follow because they preceded the lecture where the pertinent material was taught.

CHM 139H1S Chemistry: Physical Principles

Instructor(s): A. Wheeler

Enr: 353   Resp: 133   Retake: 45%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	1	16	41	40	6.2
Explains	0	0	0	1	12	37	48	6.3
Communicates	0	0	0	0	12	37	48	6.3
Teaching	0	0	0	2	14	40	43	6.2
Workload	0	0	1	31	28	28	9	5.1
Difficulty	0	0	2	27	33	22	14	5.2
Learn Exp	3	2	9	35	23	15	8	4.5

Wheeler was described as "awesome" and "amazing". Students really enjoyed his lectures. He was described as being extremely organized and enthusiastic, and he presented the material with clarity.

Instructor(s): D. Stone

Enr: 148   Resp: 44   Retake: 46%

	1	2	3	4	5	6	7	Mean
Presents	0	0	13	16	39	23	6	4.9
Explains	0	0	0	18	41	23	16	5.4
Communicates	0	0	0	4	27	44	23	5.9
Teaching	0	0	0	6	48	30	13	5.5
Workload	0	0	0	25	41	25	6	5.1
Difficulty	0	0	0	23	44	23	9	5.2
Learn Exp	2	0	13	44	22	13	2	4.4

Stone was a nice instructor but was described as being a bit disorganized. Students complained about the test questions, which they deemed to be unrelated to the class material.

Instructor(s): M. Staikova; G. Scholes

Enr: 333   Resp: 137   Retake: 51%

	1	2	3	4	5	6	7	Mean
Staikova:								
Presents	4	5	17	27	25	9	8	4.3
Explains	6	3	24	33	17	9	6	4.1
Communicates	5	7	22	29	17	8	8	4.1
Teaching	4	6	21	30	21	10	5	4.1
Scholes:								
Presents	4	3	12	20	30	18	9	4.6
Explains	4	1	11	26	25	20	10	4.7
Communicates	13	11	18	20	16	10	8	3.8
Teaching	4	9	10	25	28	12	9	4.4
Course:								
Workload	0	0	0	39	41	13	3	4.8
Difficulty	0	0	3	44	26	21	3	4.8
Learn Exp	0	1	6	55	19	11	4	4.5

Generally, students liked Staikova and said she was nice, although a little disorganized and her lectures hard to follow.

Scholes was appreciated by students as an instructor who was good at explaining concepts and using good examples in class.

Students would have liked more enthusiasm from both instructors.

Instructor(s): M. Staikova; G. Scholes

Enr: 353   Resp: 137   Retake: 47%

	1	2	3	4	5	6	7	Mean
Staikova:								
Presents	2	2	16	28	31	10	7	4.4
Explains	4	5	18	27	30	11	2	4.2
Communicates	3	10	14	33	23	10	4	4.1
Teaching	6	4	13	29	32	10	2	4.2
Scholes:								
Presents	2	4	8	20	40	14	8	4.7
Explains	3	2	8	23	34	20	6	4.7
Communicates	8	7	13	28	24	12	5	4.1
Teaching	5	3	8	25	38	12	5	4.5
Course:								
Workload	0	0	1	28	31	26	10	5.1
Difficulty	0	0	1	29	34	20	13	5.1
Learn Exp	4	2	6	45	22	11	7	4.4

Instructor(s): A. Wheeler

Enr: 333   Resp: 138   Retake: 57%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	4	9	34	51	6.3
Explains	0	0	0	3	6	26	62	6.5
Communicates	0	0	0	2	5	29	62	6.5
Teaching	0	0	0	2	4	35	57	6.5
Workload	0	1	0	41	36	15	4	4.8
Difficulty	0	1	1	45	23	21	4	4.7
Learn Exp	0	1	4	53	22	15	4	4.6

Wheeler was described as very engaging, friendly, helpful and awesome. He presented very interactive lectures with great examples which helped the students learn. Many looked forward to attending his lectures.

CHM 151Y1Y Chemistry: The Molecular Science

Instructor(s): M. Taylor

Enr: 147   Resp: 75   Retake: 83%

	1	2	3	4	5	6	7	Mean
Presents	0	0	1	2	25	36	34	6.0
Explains	0	0	1	4	17	42	34	6.0
Communicates	0	0	0	5	16	32	46	6.2
Teaching	0	0	0	0	12	48	40	6.3
Workload	1	0	0	32	35	26	4	5.0
Difficulty	0	0	0	24	45	21	8	5.1
Learn Exp	1	0	1	11	32	35	16	5.5

Taylor was found to be an effective, organized, and knowledgeable instructor who presented many good examples in class. He explained material very clearly and answered questions precisely.

Instructor(s): R. Morris

Enr: 128   Resp: 64   Retake: 79%

	1	2	3	4	5	6	7	Mean
Presents	3	7	15	12	26	25	9	4.6
Explains	6	1	9	10	40	23	7	4.8
Communicates	6	1	7	21	23	23	15	4.9
Teaching	1	6	9	20	25	25	12	4.9
Workload	0	0	3	28	43	18	6	5.0
Difficulty	0	0	1	26	50	14	7	5.0
Learn Exp	0	0	1	13	41	30	13	5.4

This course covered interesting material. However, Morris showed little enthusiasm and lectured in a monotonous tone and students found this section a little dull.

The course itself was great but students wished Morris was more engaging.

CHM 217H1F Introduction to Analytical Chemistry

Instructor(s): D. Stone

Enr: 79   Resp: 47   Retake: 52%

	1	2	3	4	5	6	7	Mean
Presents	2	6	8	28	23	19	10	4.7
Explains	0	6	6	17	30	19	19	5.1
Communicates	0	2	2	8	15	34	36	5.9
Teaching	0	4	2	17	23	30	21	5.4
Workload	0	0	2	20	25	32	18	5.4
Difficulty	0	0	4	35	20	24	15	5.1
Learn Exp	0	0	12	12	37	25	12	5.1

Some students found his lecture slides disorganized. These students suggested Stone give out completed lecture notes instead of skeletal notes.

CHM 220H1F Physical Chemistry for Life Sciences

Instructor(s): J. Schofield

Enr: 380   Resp: 128   Retake: 14%

	1	2	3	4	5	6	7	Mean
Presents	4	6	8	22	25	24	8	4.0
Explains	8	12	15	17	25	12	8	4.1
Communicates	2	4	5	17	27	26	15	5.0
Teaching	3	7	14	22	19	22	9	4.5
Workload	0	0	3	24	26	20	25	5.4
Difficulty	0	0	0	6	15	19	59	6.3
Learn Exp	17	11	17	27	15	7	3	3.5

Many students found this course very hard. Students agreed that the tests did not reflect the lectures or tutorials. This course also required knowledge of math, which many students did not have, since it was a chemistry course for life science students. These students also found the textbook very unhelpful.

Schofield was clear and enthusiastic, however, many students did not like this course.

CHM 221H1S Physical Chemistry: The Molecular Viewpoint

Instructor(s): P. Brumer

Enr: 34   Resp: 18   Retake: 56%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	44	27	16	11	4.9
Explains	0	0	0	11	38	22	27	5.2
Communicates	0	0	0	0	22	33	44	6.2
Teaching	0	0	0	5	16	44	33	6.1
Workload	0	0	5	61	22	5	5	4.4
Difficulty	0	0	0	22	22	38	16	5.5
Learn Exp	0	0	0	25	37	25	12	5.2

Brumer's deep understanding of the material led to clarity in his teaching. He made the subject interesting, and easy to grasp. A few students complained that they found the marking of the midterm harsh.

CHM 225Y1Y Introduction to Physical Chemistry

Instructor(s): A. Dhirani

Enr: 34   Resp: 25   Retake: 62%

	1	2	3	4	5	6	7	Mean
Presents	12	0	4	12	20	25	25	5.0
Explains	4	8	0	8	20	33	25	5.3
Communicates	12	4	4	8	20	12	37	5.1
Teaching	4	0	8	4	29	29	25	5.4
Workload	4	0	8	40	40	8	0	4.4
Difficulty	4	12	0	24	40	16	4	4.5
Learn Exp	4	0	9	33	23	23	4	4.6

Some students found the course boring and felt that Dhirani could have shown more enthusiasm. Yet, they found him to be an effective speaker and a very knowledgeable instructor.

Instructor(s): P. Brumer

Enr: 30   Resp: 15   Retake: 78%

	1	2	3	4	5	6	7	Mean
Presents	0	6	0	40	20	13	20	4.9
Explains	0	0	6	20	20	33	20	5.4
Communicates	0	0	6	6	20	40	33	6.0
Teaching	0	0	6	6	26	40	20	5.6
Workload	0	6	13	53	6	20	0	4.2
Difficulty	0	0	6	40	13	40	0	4.9
Learn Exp	0	0	0	28	7	64	0	5.4

CHM 238Y1Y Introduction to Inorganic Chemistry

Instructor(s): G. Ozin

Enr: 64   Resp: 33   Retake: 28%

	1	2	3	4	5	6	7	Mean
Presents	6	6	3	24	24	27	9	4.7
Explains	6	3	3	18	18	42	9	5.0
Communicates	0	0	3	3	18	39	36	6.0
Teaching	3	6	3	3	39	36	9	5.2
Workload	0	0	0	20	25	16	37	5.7
Difficulty	0	0	0	8	34	34	21	5.7
Learn Exp	5	15	10	30	25	10	5	4.1

Ozin was a knowledgeable and enthusiastic educator.

Instructor(s): D. McIntosh

Enr: 64   Resp: 35   Retake: 21%

	1	2	3	4	5	6	7	Mean
Presents	8	2	14	14	32	14	11	4.5
Explains	6	9	15	12	30	15	12	4.5
Communicates	8	2	2	11	29	32	11	4.9
Teaching	17	8	8	8	26	26	2	4.1
Workload	0	0	0	6	25	21	46	6.1
Difficulty	0	0	2	8	29	38	20	5.6
Learn Exp	6	13	17	24	27	6	3	3.9

Students thought the labs were very demanding and wished they related more to the lecture material.

CHM 247H1F Introductory Organic Chemistry II

Instructor(s): C. Kutas

Enr: 128   Resp: 48   Retake: 40%

	1	2	3	4	5	6	7	Mean
Presents	6	0	6	19	31	27	8	4.9
Explains	0	0	10	22	35	22	8	5.0
Communicates	2	4	6	36	25	17	8	4.6
Teaching	0	0	4	23	31	23	17	5.3
Workload	2	0	2	34	17	27	17	5.1
Difficulty	0	4	0	31	22	29	12	5.1
Learn Exp	2	2	12	43	20	17	0	4.3

Kutas did not spend enough time explaining concepts or answers to problem sets. She was described as kind and helpful outside of class. There was not enough time to finish the midterm, labs were marked too slowly, and a 3-hour lecture was too long.

CHM 247H1S Introductory Organic Chemistry II

Instructor(s): S. Skonieczny; V. Dong

Enr: 381   Resp: 89   Retake: 54%

	1	2	3	4	5	6	7	Mean
Skonieczny:								
Presents	5	0	8	8	26	28	21	5.2
Explains	5	1	7	14	26	25	22	5.3
Communicates	1	1	2	11	12	42	29	5.8
Teaching	2	2	1	11	22	34	26	5.6
Dong:								
Presents	0	0	1	5	31	36	25	5.8

	1	2	3	4	5	6	7	Mean
Explains	0	0	0	9	22	39	28	5.9
Communicates	0	0	0	2	4	46	47	6.4
Teaching	0	0	0	2	19	46	32	6.1
Course:								
Workload	0	0	1	25	32	28	12	5.3
Difficulty	0	0	0	11	38	36	13	5.5
Learn Exp	1	0	9	28	33	18	9	4.9

Both were good, engaging instructors.

Instructor(s): S. Skonieczny; V. Dong

Enr: 307   Resp: 240   Retake: 39%

	1	2	3	4	5	6	7	Mean
Skonieczny:								
Presents	2	3	7	16	25	24	18	5.1
Explains	2	2	8	17	24	25	19	5.2
Communicates	0	1	0	10	22	32	30	5.7
Teaching	0	2	4	12	23	30	25	5.5
Dong:								
Presents	0	0	0	6	26	39	27	5.9
Explains	0	0	0	5	25	36	32	6.0
Communicates	0	0	0	2	15	35	45	6.2
Teaching	0	0	0	4	21	39	34	6.0
Course:								
Workload	0	0	0	23	30	29	15	5.4
Difficulty	0	0	0	17	32	34	14	5.4
Learn Exp	2	4	7	38	27	12	8	4.5

Students enjoyed that Skonieczny was very approachable and humour-ous. Some felt he should have used more examples/practice problems to help solidify the concepts he was teaching.

Dong was a great lecturer - enthusiastic, followed the textbook and explained everything clearly using lots of analogies and demos. Although some felt she taught a little fast at times, she used every tool in her power as an educator to motivate and engage the students.

CHM 249H1S Organic Chemistry

Instructor(s): A. Yudin

Enr: 46   Resp: 24   Retake: 95%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	12	12	50	25	5.9
Explains	0	0	0	4	4	54	37	6.2
Communicates	0	0	0	8	4	33	54	6.3
Teaching	0	0	0	8	12	37	41	6.1
Workload	4	0	0	50	41	4	0	4.4
Difficulty	0	0	4	37	45	12	0	4.7
Learn Exp	0	0	0	26	26	42	5	5.3

Students generally really liked having Yudin as their instructor.

CHM 310H1S Environmental Chemistry

Instructor(s): S. Mabury

Enr: 53   Resp: 32   Retake: 86%

	1	2	3	4	5	6	7	Mean
Presents	0	6	3	13	23	40	13	5.3
Explains	0	0	0	6	9	50	34	6.1
Communicates	0	0	0	3	0	9	87	6.8
Teaching	0	0	6	0	6	29	58	6.3
Workload	0	0	6	63	20	10	0	4.3
Difficulty	0	0	3	51	25	19	0	4.6
Learn Exp	0	3	0	14	29	33	18	5.4

While students enjoyed the course and the material covered in it, a few said they found it hard to follow without a comprehensive textbook.

Mabury was a good lecturer, who made the material accessible to students. Some said they would have benefitted from more organization in lectures. Students appreciated that the lecture notes were provided in advance. Mabury was well-liked by students.

CHM 317H1S Introduction to Instrumental Methods of Analysis

Instructor(s): R. Jockusch

Enr: 45   Resp: 25   Retake: 37%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	8	20	44	28	5.9
Explains	0	0	0	12	16	60	12	5.7
Communicates	0	0	0	8	20	36	36	6.0
Teaching	0	0	0	8	24	44	24	5.8
Workload	0	0	0	4	12	44	40	6.2
Difficulty	0	0	0	28	40	24	8	5.1
Learn Exp	0	0	10	21	42	26	0	4.8

The course material was challenging and the lab reports were time intensive and lengthy. Students said they would have liked more detailed lecture notes, which would have helped them pay more attention in class. The course was well-organized.

Jockusch was appreciated by students as a knowledgeable instructor who knew the material well. She was enthusiastic and helpful.

CHM 325H1S Introduction to Inorganic and Polymer Materials Chemistry

Instructor(s): G. Ozin

Enr: 34   Resp: 22   Retake: 80%

	1	2	3	4	5	6	7	Mean
Presents	0	0	18	9	36	18	18	5.1
Explains	0	0	0	15	30	35	20	5.6
Communicates	0	0	0	0	22	40	36	6.1
Teaching	0	0	0	4	45	31	18	5.6
Workload	0	0	23	52	19	4	0	4.0
Difficulty	0	0	4	38	28	23	4	4.9
Learn Exp	0	0	0	52	10	31	5	4.9

CHM 326H1F Introductory Quantum Mechanics and Spectroscopy

Instructor(s): A. Dhirani

Enr: 18   Resp: 13   Retake: 75%

	1	2	3	4	5	6	7	Mean
Presents	0	0	8	25	16	41	8	5.2
Explains	0	0	0	18	18	36	27	5.7
Communicates	0	0	0	9	27	45	18	5.7
Teaching	0	0	0	8	25	33	33	5.9
Workload	0	0	0	83	16	0	0	4.2
Difficulty	0	0	0	45	45	9	0	4.6
Learn Exp	0	0	10	30	0	50	10	5.2

The textbook was not used, and students felt more problem sets were necessary.

CHM 327H1F Experimental Physical Chemistry

Instructor(s): C. Goh

Enr: 17   Resp: 16   Retake: 92%

	1	2	3	4	5	6	7	Mean
Presents	0	0	6	25	43	18	6	4.9
Explains	0	0	0	18	18	43	18	5.6
Communicates	0	0	0	6	25	25	43	6.1
Teaching	0	0	0	18	12	43	25	5.8
Workload	0	0	18	50	12	12	6	4.4
Difficulty	0	0	12	50	12	25	0	4.5
Learn Exp	0	0	0	20	20	30	30	5.7

CHM 328H1S Modern Physical Chemistry

Instructor(s): R. Kapral

Enr: 20   Resp: 11   Retake: 63%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	18	36	45	6.3
Explains	0	0	0	9	27	27	36	5.9
Communicates	0	0	0	9	9	36	45	6.2
Teaching	0	0	0	9	18	36	36	6.0

	1	2	3	4	5	6	7	Mean
Workload	0	0	18	63	18	0	0	4.0
Difficulty	0	0	0	36	18	27	18	5.3
Learn Exp	0	0	0	44	11	11	33	5.3

The course material was quite challenging.

CHM 342H1F Modern Organic Synthesis

Instructor(s): M. Taylor

Enr: 48   Resp: 38   Retake: 80%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	2	18	36	42	6.2
Explains	0	0	0	2	21	28	47	6.2
Communicates	0	0	0	5	21	18	54	6.2
Teaching	0	0	0	0	23	18	57	6.3
Workload	0	0	0	35	27	32	5	5.1
Difficulty	0	0	0	32	27	32	8	5.2
Learn Exp	0	0	0	18	22	44	14	5.6

Students really enjoyed this course and found Taylor to be extremely knowledgeable and enthusiastic.

CHM 343H1S Organic Synthesis Techniques

Instructor(s): R. Batey

Enr: 30   Resp: 18   Retake: 77%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	5	55	16	22	5.6
Explains	0	0	0	5	50	16	27	5.7
Communicates	0	0	0	5	50	22	22	5.6
Teaching	0	0	0	5	33	44	16	5.7
Workload	0	0	5	22	61	5	5	4.8
Difficulty	0	5	5	35	47	5	0	4.4
Learn Exp	0	0	0	15	46	30	7	5.3

CHM 347H1F Organic Chemistry of Biological Compounds

Instructor(s): J. Chin

Enr: 66   Resp: 39   Retake: 78%

	1	2	3	4	5	6	7	Mean
Presents	0	0	7	21	31	23	15	5.2
Explains	0	0	0	10	30	43	15	5.6
Communicates	0	0	0	5	17	38	38	6.1
Teaching	0	0	0	7	20	53	17	5.8
Workload	2	2	5	71	15	2	0	4.0
Difficulty	2	0	10	57	18	10	0	4.2
Learn Exp	4	0	0	40	36	20	0	4.6

Chin was said to be very helpful and approachable. However, he was a bit disorganized, and posted the lecture notes too late. The second midterm was deemed to be too long.

CHM 348H1F Organic Reaction Mechanisms

Instructor(s): R. Kluger

Enr: 47   Resp: 26   Retake: 39%

	1	2	3	4	5	6	7	Mean
Presents	3	0	19	42	26	7	0	4.1
Explains	0	0	15	38	19	23	3	4.6
Communicates	0	0	3	19	26	19	30	5.5
Teaching	0	0	8	24	32	16	20	5.2
Workload	0	3	3	23	26	30	11	5.1
Difficulty	0	0	0	30	23	30	15	5.3
Learn Exp	0	9	4	40	18	13	13	4.6

The textbook was difficult to understand and the notes were poorly organized.

CHM 379H1S Biomolecular Chemistry

Instructor(s): A. Woolley

Enr: 18   Resp: 12   Retake: 70%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	8	41	50	6.4
Explains	0	0	0	0	8	41	50	6.4
Communicates	0	0	0	8	0	41	50	6.3
Teaching	0	0	0	0	8	41	50	6.4
Workload	8	8	0	50	25	8	0	4.0
Difficulty	0	0	0	66	16	16	0	4.5
Learn Exp	0	0	0	16	0	66	16	5.8

Woolley was very approachable and a great instructor overall.

CHM 410H1F Analytical Environmental Chemistry

Instructor(s): J. D'eon

Enr: 18   Resp: 10   Retake: 100%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	10	10	30	50	6.2
Explains	0	0	0	10	10	30	50	6.2
Communicates	0	0	0	10	0	50	40	6.2
Teaching	0	0	0	10	10	40	40	6.1
Workload	0	0	0	50	20	20	10	4.9
Difficulty	0	0	0	60	20	20	0	4.6
Learn Exp	0	0	0	11	22	33	33	5.9

D'eon's lectures were well-organized, well-presented and clear. She was an excellent instructor.

Students LOVED the labs. They thought they were enjoyable and very helpful.

CHM 414H1F Biosensors and Chemical Sensors

Instructor(s): M. Thompson

Enr: 32   Resp: 21   Retake: 90%

	1	2	3	4	5	6	7	Mean
Presents	0	0	4	19	47	19	9	5.1
Explains	0	0	0	14	33	28	23	5.6
Communicates	0	0	0	4	19	38	38	6.1
Teaching	0	0	0	9	23	47	19	5.8
Workload	0	9	28	57	4	0	0	3.6
Difficulty	0	4	0	80	4	9	0	4.1
Learn Exp	0	5	0	38	22	22	11	4.9

Overall, students really enjoyed this course - describing it as useful Thompson was a good instructor who was enthusiastic and approachable.

CHM 415H1S Atmospheric Chemistry

Instructor(s): J. Murphy

Enr: 31   Resp: 24   Retake: 75%

	1	2	3	4	5	6	7	Mean
Presents	0	0	4	4	41	41	8	5.5
Explains	0	0	4	8	50	29	8	5.3
Communicates	0	0	4	4	33	41	16	5.6
Teaching	0	0	0	4	33	50	12	5.7
Workload	0	0	4	45	29	16	4	4.7
Difficulty	0	0	4	50	12	29	4	4.8
Learn Exp	0	0	0	30	40	30	0	5.0

Problem sets and assignments were difficult to do. More examples would have been helpful.

CHM 416H1S Separation Science

Instructor(s): M. Thompson

Enr: 11   Resp: 10   Retake: 80%

	1	2	3	4	5	6	7	Mean
Presents	0	0	30	20	30	20	0	4.4

	1	2	3	4	5	6	7	Mean
Explains	0	0	0	10	50	30	10	5.4
Communicates	0	0	0	20	30	50	0	5.3
Teaching	0	0	0	20	30	50	0	5.3
Workload	0	0	10	60	10	20	0	4.4
Difficulty	0	0	0	60	10	0	30	5.0
Learn Exp	0	0	0	50	50	0	0	4.5

Many wished that lecture slides or notes were posted online to make note taking easier.

CHM 417H1F Laboratory Instrumentation
Instructor(s): A. Wheeler

Enr: 11   Resp: 6   Retake: 100%

	1	2	3	4	5	6	7	Mean
Presents	0	0	16	0	0	16	66	6.2
Explains	0	0	0	16	0	33	50	6.2
Communicates	0	0	0	0	16	16	66	6.5
Teaching	0	0	0	0	16	16	66	6.5
Workload	0	0	16	83	0	0	0	3.8
Difficulty	0	0	0	83	0	16	0	4.3
Learn Exp	0	0	0	25	0	25	50	6.0

Overall, a relevant and useful course.

CHM 423H1S Applications of Quantum Mechanics
Instructor(s): D. Segal

Enr: 10   Resp: 6   Retake: 60%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	50	33	16	5.7
Explains	0	0	0	16	16	50	16	5.7
Communicates	0	0	0	0	16	66	16	6.0
Teaching	0	0	0	0	0	83	16	6.2
Workload	0	0	0	66	33	0	0	4.3
Difficulty	0	0	0	33	50	16	0	4.8
Learn Exp	0	0	0	40	20	40	0	5.0

A very enjoyable course with interesting topics.

CHM 426H1S Polymer Chemistry
Instructor(s): M. Winnik

Enr: 57   Resp: 13   Retake: 58%

	1	2	3	4	5	6	7	Mean
Presents	0	0	8	8	41	41	0	5.2
Explains	0	0	0	16	50	16	16	5.3
Communicates	0	0	0	0	8	66	25	6.2
Teaching	0	0	0	0	33	50	16	5.8
Workload	16	0	16	41	16	8	0	3.7
Difficulty	16	0	8	58	8	8	0	3.7
Learn Exp	0	25	0	25	37	12	0	4.1

CHM 434H1F Advanced Materials Chemistry
Instructor(s): G. Ozin

Enr: 15   Resp: 18   Retake: 80%

	1	2	3	4	5	6	7	Mean
Presents	0	0	16	11	16	33	22	5.3
Explains	0	0	0	11	22	38	27	5.8
Communicates	0	0	0	5	0	27	66	6.6
Teaching	0	0	0	11	16	27	44	6.1
Workload	0	0	0	38	22	33	5	5.1
Difficulty	0	0	11	22	22	27	16	5.2
Learn Exp	0	0	6	6	26	33	26	5.7

CHM 440H1F Synthesis of Modern Pharmaceutical Agents
Instructor(s): M. Lautens

Enr: 23   Resp: 24   Retake: 82%

	1	2	3	4	5	6	7	Mean
Presents	0	4	4	13	39	26	13	5.2
Explains	0	0	0	12	29	37	20	5.7
Communicates	0	0	0	0	29	29	41	6.1
Teaching	0	0	0	4	26	39	30	6.0
Workload	0	0	0	68	22	4	4	4.5
Difficulty	4	0	0	39	13	30	13	5.0
Learn Exp	0	0	5	23	29	35	5	5.1

Lautens was a very enthusiastic and clear instructor. The course material was interesting and useful. However, some students found that there was a lot of reference to material that they were assumed to have prior knowledge of.

CHM 441H1F Spectroscopic Analysis of Organic Chemistry
Instructor(s): S. Skonieczny

Enr: 20   Resp: 19   Retake: 100%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	10	10	26	52	6.2
Explains	0	0	0	5	15	21	57	6.3
Communicates	0	0	5	0	5	26	63	6.4
Teaching	0	0	0	5	5	31	57	6.4
Workload	0	0	0	42	31	10	10	4.8
Difficulty	0	0	11	44	27	16	0	4.5
Learn Exp	0	0	0	6	13	53	26	6.0

Students absolutely loved Skonieczny! He was described as "outstanding", "caring" and "fair".

Students felt the course was very useful and applicable to real life research, and a great experience overall.

CHM 443H1S Physical Organic Chemistry
Instructor(s): A. Dicks; M. Staikova

Enr: 13   Resp: 11   Retake: 90%

	1	2	3	4	5	6	7	Mean
Dicks:								
Presents	0	0	10	0	10	40	40	6.0
Explains	0	0	0	0	18	27	54	6.4
Communicates	0	0	0	0	18	18	63	6.5
Teaching	0	0	0	0	0	36	63	6.6
Staikova:								
Presents	10	10	20	40	0	10	10	3.8
Explains	10	30	0	20	10	20	10	3.9
Communicates	10	20	10	20	0	30	10	4.1
Teaching	10	30	0	30	0	10	20	3.9
Course:								
Workload	0	0	9	72	18	0	0	4.1
Difficulty	0	0	9	36	45	9	0	4.5
Learn Exp	0	0	0	22	22	44	11	5.4

CHM 446H1S Organic Materials Chemistry
Instructor(s): D. Seferos

Enr: 18   Resp: 16   Retake: 85%

	1	2	3	4	5	6	7	Mean
Presents	0	7	0	7	23	38	23	5.5
Explains	7	0	0	15	15	23	38	5.5
Communicates	0	0	0	7	23	7	61	6.2
Teaching	0	0	7	0	30	23	38	5.8
Workload	0	0	38	61	0	0	0	3.6
Difficulty	0	0	15	46	23	15	0	4.4
Learn Exp	0	0	0	23	23	46	7	5.4

One issue was that students didn't feel they had sufficient time to work on the 40% assignment. Overall, a very interesting course.

CHM 447H1F Bio-organic Chemistry

Instructor(s): R. Kluger

Enr: 21   Resp: 19   Retake: 61%

	1	2	3	4	5	6	7	Mean
Presents	0	10	15	15	47	10	0	4.3
Explains	0	0	10	21	10	52	5	5.2
Communicates	0	0	0	5	15	5	73	6.5
Teaching	0	0	0	15	21	57	5	5.5
Workload	0	0	5	64	29	0	0	4.2
Difficulty	0	0	0	38	38	6	5	4.9
Learn Exp	0	0	0	16	25	50	8	5.5

   While Kluger's lectures were interesting and informative, some felt they could have used some more organization. However, Kluger was very enthusiastic and knowledgeable.

CHM 479H1S Biological Chemistry

Instructor(s): A. Woolley

Enr: 33   Resp: 26   Retake: 86%

	1	2	3	4	5	6	7	Mean
Presents	0	0	4	4	24	40	28	5.8
Explains	0	0	0	0	19	50	30	6.1
Communicates	0	0	0	3	23	26	46	6.2
Teaching	0	0	0	0	24	40	36	6.1
Workload	0	0	7	53	30	7	0	4.4
Difficulty	0	0	0	42	42	15	0	4.7
Learn Exp	0	0	0	31	36	31	0	5.0

   Woolley was an excellent instructor who explained concepts clearly.