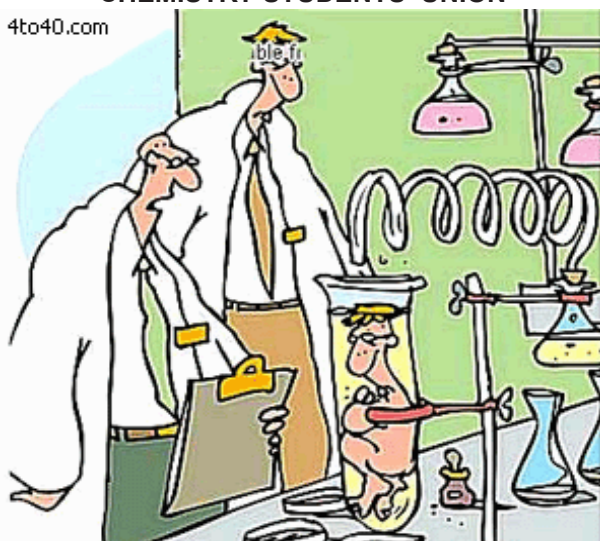# CHEMISTRY STUDENTS' UNION

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"Well, it certainly looks like your DNA. How many times have I told you to wear gloves before touching anything?"

Introduction

The Chemistry Students' Union (CSU) is a student run organization acting as the representative voice for all undergraduate students enrolled in a chemistry course. We hold social and academic events which strive to bring together students who share an interest in the discipline. If you want to get involved please contact us at csu@chem.utoronto.ca or check out our website **www.chem.utoronto.ca/students/csu.**

CSU Executive

CHM 138H1F Introductory Organic Chemistry I

Instructor(s): J. Chin; D. Zamble

Enr: 200 — Resp: 99 — Retake: 57%

	1	2	3	4	5	6	7	Mean
Chin:								
Presents	4	2	14	21	18	21	16	4.8
Explains	1	0	6	10	19	36	26	5.6
Communicates	0	1	4	11	22	40	21	5.6
Teaching	2	1	2	16	25	26	26	5.5
Zamble:								
Presents	1	0	1	15	26	33	22	5.6
Explains	1	1	3	20	33	27	13	5.2
Communicates	1	2	4	19	26	32	14	5.2
Teaching	0	1	0	15	36	30	13	5.3
Course:								
Workload	1	1	3	34	30	17	12	4.9
Difficulty	0	1	2	28	34	21	13	5.1
Learn Exp	1	1	9	31	24	23	8	4.8

Student's found Chin's lecture style interesting but deviated from the slides and was a bit disorganized at times. Some people found he also spoke too quickly.

Students enjoyed Zamble's lectures as they were interesting and organized. Zamble provided a lot of in-depth explanations with relevant examples.

The general consensus was that the labs needed to reflect the covered material better. Exam questions also were not reflective of the assigned material and problems.

Instructor(s): A. Dicks; A. Yudin

Enr: 433 — Resp: 182 — Retake: 63%

	1	2	3	4	5	6	7	Mean
Dicks:								
Presents	0	0	0	3	8	29	56	6.4
Explains	0	0	1	3	13	35	45	6.2
Communicates	0	0	0	5	12	28	53	6.3
Teaching	0	0	0	2	8	32	55	6.4
Yudin:								
Presents	1	1	12	17	34	20	12	4.9
Explains	0	1	2	13	27	32	20	5.5
Communicates	0	0	1	6	19	35	37	6.0
Teaching	0	0	4	8	28	34	23	5.6
Course:								
Workload	0	0	1	24	30	30	11	5.2
Difficulty	0	0	3	27	28	27	12	5.2
Learn Exp	1	0	1	25	27	25	16	5.2

Dicks was a fun, enthusiastic and caring instructor and coordinator. His lectures were clear and well-organized, however, his tests were hard and the lab section was too advanced for an introductory chemistry course.

Yudin was easy going and approachable, although his lectures could be unclear and disorganized at times. The labs, prelabs and prelab quizzes were all too hard for introductory chemistry.

Instructor(s): D. Seferos

Enr: 433 — Resp: 182 — Retake: 65%

	1	2	3	4	5	6	7	Mean
Presents	0	1	2	11	22	37	24	5.7
Explains	0	0	3	13	27	32	21	5.5
Communicates	1	0	6	15	29	29	15	5.3
Teaching	0	1	1	14	28	36	17	5.5
Workload	0	0	3	24	31	27	12	5.2
Difficulty	0	0	4	28	26	31	9	5.1
Learn Exp	2	0	1	29	29	25	12	5.1

Seferos was said to use an interesting teaching technique where he provided outline slides and allowed students to fill them in during lecture. However, he sometimes spoke too quickly and moved through the slides at a fast pace. Students loved his use of various real-life examples but asked him to show his enthusiasm for his topic of research with his tone of voice instead of just his words. Seferos was well-respected for his extensive knowledge in his field.

Instructor(s): A. Dicks; A. Yudin

Enr: 386 — Resp: 191 — Retake: 76%

	1	2	3	4	5	6	7	Mean
Dicks:								
Presents	0	0	0	3	14	35	46	6.3
Explains	0	0	1	2	15	40	40	6.2
Communicates	0	0	0	1	12	34	51	6.4
Teaching	0	0	0	3	11	34	49	6.3
Yudin:								
Presents	0	1	7	23	24	22	15	5.1
Explains	0	0	2	12	26	36	21	5.6
Communicates	0	0	1	9	20	32	35	5.9
Teaching	0	0	4	13	28	29	22	5.5
Course:								
Workload	0	0	1	35	32	24	6	5.0
Difficulty	0	0	3	28	39	20	8	5.0
Learn Exp	1	0	2	24	26	27	16	5.2

Many students were extremely pleased with Dicks, found him enthusiastic, approachable and helpful.

Students felt that Yudin spent too long on some concepts although his explanations were described as being quite clear. Some felt that he could have been a bit more enthusiastic and more organized.

There was great variation in the students' evaluation of the course. Some found it to be exceedingly difficult, while others found it quite interesting leading some to consider future chemistry courses. The tests were difficult, labs were considered stressful and some felt that too much memorization was necessary.

Instructor(s): D. Seferos

Enr: 386	Resp: 187					Retake: 77%	
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	8	30	39	20	5.7
Explains	0	0	2	8	28	38	22	5.7
Communicates	1	0	4	12	35	27	18	5.4
Teaching	0	0	0	8	32	36	21	5.7
Workload	0	0	0	34	31	24	8	5.0
Difficulty	0	0	3	28	40	18	9	5.0
Learn Exp	0	0	2	24	26	28	17	5.3

Seferos was a very enthusiastic and engaging teacher. Many students, who admitted having a negative predisposition towards organic chemistry found the instructor interesting and were eager to hear about his own research.

He used many useful examples and explained them in detail, very clearly, and to the point.

CHM 138H1S Introductory Organic Chemistry I

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

Enr: 409	Resp: 177					Retake: 64%	
	1	2	3	4	5	6	7	Mean
Dicks:								
Presents	0	0	0	2	9	32	54	6.4
Explains	0	0	0	2	14	37	44	6.2
Communicates	0	0	0	4	6	28	60	6.5
Teaching	0	0	0	2	9	30	57	6.4
Nitz:								
Presents	0	0	0	8	26	40	23	5.8
Explains	0	0	0	5	22	33	38	6.1
Communicates	0	0	0	11	20	35	32	5.9
Teaching	0	0	0	6	21	37	34	6.0
Course:								
Workload	0	1	0	29	37	20	10	5.1
Difficulty	0	0	0	35	28	25	8	5.0
Learn Exp	0	0	1	29	30	26	11	5.1

Dicks was very enthusiastic, nice and available for help. He was an excellent instructor. Dicks gave lots of feedback to students individually and really helped students achieve their full learning potential in the course.

Nitz's slides could be more clear and tests and practice problems could be easier.

Students felt that the course was challenging but helped them transition into an independent university student.

Instructor(s): J. Chin

Enr: 409	Resp: 164					Retake: 61%	
	1	2	3	4	5	6	7	Mean
Presents	4	9	16	32	22	8	6	4.1
Explains	2	1	8	26	26	21	12	4.9
Communicates	1	2	4	24	24	24	17	5.1
Teaching	0	3	9	22	29	22	12	4.9
Workload	0	0	0	34	35	18	9	5.0
Difficulty	0	0	2	32	36	20	6	4.9
Learn Exp	0	1	2	36	30	19	9	4.9

People enjoyed the course. Chin was said to be good at explaining concepts but could be disorganized at times. His availability for individual consultation was very much appreciated.

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

Enr: 227	Resp: 69					Retake: 72%	
	1	2	3	4	5	6	7	Mean
Dicks:								
Presents	0	1	0	4	11	30	51	6.2
Explains	1	0	1	1	17	31	46	6.1
Communicates	0	0	1	4	10	26	57	6.3

	1	2	3	4	5	6	7	Mean
Teaching	1	0	0	2	14	26	55	6.3
Nitz								
Presents	0	0	1	10	13	41	32	5.9
Explains	0	0	0	2	17	26	53	6.3
Communicates	0	0	1	5	22	35	35	6.0
Teaching	0	0	0	5	11	43	38	6.1
Course:								
Workload	0	0	1	30	45	16	5	4.9
Difficulty	0	0	1	40	31	23	2	4.9
Learn Exp	0	0	3	20	38	29	8	5.2

Dicks was described to be very thorough when it came to presenting lecture material. His slides were always well organized and he used appropriate examples to explain concepts. He was also very helpful when students approached him with individual questions.

Nitz was described as an enthusiastic instructor who presented his slides in an organized fashion. He used examples to explain all concepts thoroughly although he sometimes spoke too quickly.

The course was well-liked by students although some found the work load to be too heavy. The laboratories were interesting and fit well with the lecture material. Students were very enthusiastic about this course.

Instructor(s): J. Chin

Enr: 227	Resp: 69					Retake: 68%	
	1	2	3	4	5	6	7	Mean
Presents	8	7	16	35	14	11	5	4.0
Explains	1	4	16	20	22	22	13	4.8
Communicates	1	2	7	15	27	27	17	5.2
Teaching	1	1	10	23	29	22	11	4.9
Workload	0	0	4	34	43	14	3	4.8
Difficulty	0	0	6	44	25	23	0	4.7
Learn Exp	0	0	1	21	42	26	8	5.2

Chin performed adequately as an instructor. He was extremely helpful and knowledgeable but his lectures were not very organized.

CHM 139H1F Chemistry: Physical Properties

Instructor(s): T. Mirkovic

Enr: 294	Resp: 123					Retake: 51%	
	1	2	3	4	5	6	7	Mean
Presents	2	1	6	11	26	31	20	5.4
Explains	1	4	5	17	31	26	12	5.0
Communicates	9	6	17	30	19	14	1	3.9
Teaching	3	3	7	23	30	18	13	4.8
Workload	0	0	0	23	29	24	22	5.4
Difficulty	0	0	3	26	27	26	16	5.2
Learn Exp	2	2	11	39	22	13	7	4.5

Many students praised Mirkovic for having good lecture slides with good examples. However, they felt that she could have been more engaging with her presentation. The labs required a lot of work.

Instructor(s): T. Mirkovic

Enr: 375	Resp: 107					Retake: 42%	
	1	2	3	4	5	6	7	Mean
Presents	1	0	4	18	31	26	16	5.2
Explains	3	4	5	23	27	27	8	4.8
Communicates	4	9	13	33	23	11	3	4.1
Teaching	2	1	12	21	29	27	4	4.7
Workload	0	0	0	25	28	30	14	5.4
Difficulty	0	0	0	26	31	28	14	5.3
Learn Exp	2	1	6	49	24	12	4	4.5

Students found Mirkovic to be quite knowledgeable but lacked enthusiasm when teaching. The tests covered material discussed in the slides and was described as fair.

Overall the course was interesting but needed more organization.

CHM 139H1S Chemistry: Physical Properties

Instructor(s): J. Murphy; G. Scholes

Enr: 367　　　　Resp: 137　　　　Retake: 40%

	1	2	3	4	5	6	7	Mean
Murphy:								
Presents	7	4	4	23	27	22	11	4.7
Explains	7	4	12	17	22	25	11	4.6
Communicates	8	8	8	21	27	15	10	4.4
Teaching	8	5	11	21	32	13	8	4.4
Scholes:								
Presents	8	8	17	26	21	12	5	4.0
Explains	7	8	19	20	20	15	9	4.2
Communicates	5	11	11	27	21	14	7	4.2
Teaching	6	9	16	23	16	11	5	4.1
Course:								
Workload	1	0	0	32	31	21	13	5.1
Difficulty	0	0	0	25	32	28	11	5.2
Learn Exp	8	5	10	43	11	11	5	4.1

Students found the course material to be enjoyable. However, exams were unfair as they did not reflect the material taught in class and in the textbook. Labs were found to be enjoyable and educational, albeit the workload was heavy. Tutorials did not help much.

While the presented material was interesting. Students found it hard to understand some concepts and wished for Murphy to explain more clearly and coherently.

In general students found that Scholes was at times under prepared in lecturing. However, he was an entertaining instructor.

Instructor(s): A. Wheeler

Enr: 367　　　　Resp: 115　　　　Retake: 35%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	7	25	25	41	6.0
Explains	0	0	0	4	19	30	44	6.1
Communicates	0	0	0	7	13	35	43	6.1
Teaching	0	0	0	6	18	38	36	6.1
Workload	0	0	0	31	30	18	18	5.2
Difficulty	0	0	2	30	25	25	14	5.1
Learn Exp	7	4	8	43	13	12	9	4.3

Wheeler was described as an extremely enthusiastic instructor who explained material thoroughly with great usage of examples. He even showed movies in class to further students' understanding of the material. Wheeler was a favourite among most students and was said to be helpful and approachable.

In general the students enjoyed his section of the course and found it easy to understand. The material was taught clearly and the course was well organized.

Instructor(s): J. Murphy; G. Scholes

Enr: 361　　　　Resp: 142　　　　Retake: 44%

	1	2	3	4	5	6	7	Mean
Murphy:								
Presents	2	4	11	26	29	16	9	4.6
Explains	2	3	12	25	26	21	9	4.7
Communicates	3	4	20	30	19	16	4	4.3
Teaching	2	4	16	28	25	15	6	4.4
Scholes:								
Presents	2	0	12	23	35	15	10	4.8
Explains	1	2	8	28	25	22	10	4.8
Communicates	4	3	17	27	25	12	8	4.4
Teaching	2	4	11	26	27	20	7	4.6
Course:								
Workload	0	0	0	32	31	23	11	5.1
Difficulty	0	1	3	31	26	23	12	5.0
Learn Exp	3	3	8	42	26	10	5	4.4

The course was not enjoyed by students. Most found the term tests too hard (specially term test 1) and felt that the lecturers did not adequately prepare them.

Instructor(s): A. Wheeler

Enr: 361　　　　Resp: 143　　　　Retake: 46%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	6	21	38	33	6.0
Explains	0	0	1	4	21	32	40	6.0
Communicates	0	0	2	6	15	36	39	6.0
Teaching	0	0	1	6	19	35	37	6.0
Workload	0	0	0	34	24	26	13	5.2
Difficulty	0	0	4	32	25	23	14	5.1
Learn Exp	1	3	7	41	26	13	6	4.5

Wheeler was described as an enthusiastic teacher by a number of students. They appreciated him providing clear explanations as well as elaborating on concepts by using examples.

Instructor(s): T. Mirkovic; D. Segal

Enr: 147　　　　Resp: 35　　　　Retake: 37%

	1	2	3	4	5	6	7	Mean
Mirkovic:								
Presents	0	0	2	20	38	23	14	5.3
Explains	3	0	3	24	39	18	12	5.0
Communicates	2	0	2	38	32	14	8	4.8
Teaching	3	0	0	31	37	21	6	4.9
Segal:								
Presents	3	0	3	6	48	21	18	5.3
Explains	3	0	6	21	27	30	12	5.1
Communicates	2	0	11	38	23	14	8	4.6
Teaching	2	0	5	26	32	20	11	4.9
Course:								
Workload	0	0	2	42	14	22	17	5.1
Difficulty	0	0	0	31	31	20	17	5.2
Learn Exp	3	3	14	46	17	14	0	6.1

Students found the course challenging.

CHM 151Y1Y Chemistry: The Molecular Science

Instructor(s): V. Dong

Enr: 141　　　　Resp: 89　　　　Retake: 83%

	1	2	3	4	5	6	7	Mean
Presents	0	1	0	2	9	34	53	6.4
Explains	0	1	1	0	12	40	44	6.2
Communicates	0	0	1	1	9	18	70	6.6
Teaching	0	1	0	0	3	35	60	6.5
Workload	0	1	2	35	33	20	6	4.9
Difficulty	1	0	4	33	35	18	6	4.9
Learn Exp	1	1	0	12	22	39	22	5.6

Dong was described as a well-organized, fantastic instructor. Most students appreciated her use of a tablet PC to teach the course. She was readily available for questions. However, students found the course to be a bit fast paced. Overall, students enjoyed taking this course.

Instructor(s): R.J.D. Miller

Enr: 130　　　　Resp: 75　　　　Retake: 78%

	1	2	3	4	5	6	7	Mean
Presents	1	1	1	5	12	40	38	6.0
Explains	1	0	2	2	13	28	52	6.2
Communicates	1	0	0	0	5	12	81	6.7
Teaching	0	1	0	1	8	34	54	6.4
Workload	2	0	0	35	36	17	6	4.8
Difficulty	2	0	4	33	36	17	6	4.8
Learn Exp	3	0	1	9	27	35	23	5.6

The instructor was very enthusiastic and helpful, and the fireside chats and test prep sessions as well as in-class demos were very appreciated. Evaluations were fair.

Instructor(s): R. H. Morris

Enr: 130   Resp: 73   Retake: 74%

	1	2	3	4	5	6	7	Mean
Presents	1	2	9	19	20	28	17	5.1
Explains	2	1	8	16	20	26	24	5.3
Communicates	2	5	5	14	28	30	22	5.2
Teaching	0	2	10	10	23	30	21	5.3
Workload	0	0	6	37	33	15	6	4.8
Difficulty	0	1	4	30	36	23	4	4.9
Learn Exp	0	3	5	20	32	20	17	5.1

Many students commented that the course was interesting and the instructor was great. However, a few said that the material was dull. A number of students appreciated the in-class demonstrations the instructor did to enhance the students' understanding and indicated that more of the same would have made the course more interesting. Some students felt that the compact nature of the lecture material was challenging, yet a few students complimented Morris frequently for handling course material clearly. Finally, they indicated that the tutorials could have been more effectively organized and that the instructor could have been a bit more enthusiastic.

CHM 220H1F Physical Chemistry for Life Sciences

Instructor(s): R. Kapral

Enr: 288   Resp: 129   Retake: 43%

	1	2	3	4	5	6	7	Mean
Presents	1	0	4	10	20	39	24	5.6
Explains	0	1	5	10	20	33	27	5.6
Communicates	0	0	1	4	23	33	35	5.9
Teaching	0	1	1	6	19	39	30	5.8
Workload	0	0	6	56	16	16	2	4.5
Difficulty	1	0	0	22	35	26	13	5.2
Learn Exp	3	3	4	43	23	13	8	4.6

Students questioned the helpfulness of the tutorials and many did not like the textbook. The exams were said to have too few questions and too little time. Many found the notes difficult to understand and they complained that there was too much math involved.

CHM 221H1S Physical Chemistry: The Molecular Viewpoint

Instructor(s): P. Brumer

Enr: 34   Resp: 19   Retake: 41%

	1	2	3	4	5	6	7	Mean
Presents	0	0	27	38	11	16	5	4.3
Explains	0	0	11	44	27	16	0	4.5
Communicates	0	0	0	10	33	22	27	5.6
Teaching	0	0	0	16	50	27	5	5.2
Workload	0	5	11	52	29	0	0	4.1
Difficulty	0	0	0	27	38	22	11	5.2
Learn Exp	0	0	14	50	14	14	7	4.5

The instructor was enthusiastic. However, lectures were somewhat disorganized. The evaluations were fair.

CHM 225Y1Y Introduction to Physical Chemistry

Instructor(s): A. Dhirani

Enr: 35   Resp: 27   Retake: 41%

	1	2	3	4	5	6	7	Mean
Presents	0	7	14	3	37	14	22	5.0
Explains	3	7	15	3	26	19	23	4.9
Communicates	0	3	18	7	11	29	29	5.3
Teaching	3	0	0	22	14	37	22	5.4
Workload	0	3	14	48	22	11	0	4.2
Difficulty	0	0	3	25	44	18	7	5.0
Learn Exp	4	0	16	28	16	28	8	4.7

Students found the instructor very enthusiastic but they found his notes to be difficult to understand. Some questioned the necessity of MAT 235 as a co-requisite.

Instructor(s): P. Brumer

Enr: 33   Resp: 17   Retake: 31%

	1	2	3	4	5	6	7	Mean
Presents	0	0	12	18	43	12	12	4.9
Explains	0	0	6	25	37	25	6	5.0
Communicates	0	0	6	18	18	31	25	5.5
Teaching	0	0	6	12	43	18	18	5.3
Workload	6	0	6	43	43	0	0	4.2
Difficulty	6	0	6	12	37	25	12	5.0
Learn Exp	6	6	20	20	33	13	0	4.1

Although people found Brumer to be a knowledgeable and enthusiastic lecturer, they found the course to be too qualitative and descriptive for a physical chemistry course.

CHM 238Y1Y Introduction to Inorganic Chemistry

Instructor(s): G. Ozin

Enr: 55   Resp: 28   Retake: 47%

	1	2	3	4	5	6	7	Mean
Presents	0	7	7	21	25	28	10	4.9
Explains	3	3	3	10	28	39	10	5.2
Communicates	0	0	0	10	17	25	46	6.1
Teaching	0	7	3	11	29	25	22	5.3
Workload	0	0	5	0	45	20	30	5.7
Difficulty	0	0	0	15	25	40	20	5.7
Learn Exp	0	0	20	40	20	13	6	4.5

Ozin was very enthusiastic about the course material and explained concepts well. Students felt he should have given practice questions and updated his slides. There was mixed opinions about the difficulty of his material.

Instructor(s): D. McIntosh

Enr: 55   Resp: 30   Retake: 28%

	1	2	3	4	5	6	7	Mean
Presents	3	15	11	19	15	30	3	4.3
Explains	7	14	10	25	10	17	14	4.3
Communicates	3	14	10	7	28	17	17	4.7
Teaching	7	28	0	17	28	10	7	3.9
Workload	0	0	3	6	27	24	37	5.9
Difficulty	0	0	3	10	24	37	24	5.7
Learn Exp	4	0	22	36	13	9	13	4.4

Students found the labs extremely challenging. McIntosh's lectures had too many slides and he presented the material poorly. McIntosh also gave very difficult tests.

CHM 247H1F Introductory Organic Chemistry II

Instructor(s): C. Kutas

Enr: 112   Resp: 51   Retake: 44%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	17	39	23	13	5.4
Explains	0	0	5	15	39	25	13	5.3
Communicates	0	1	7	19	29	21	19	5.2
Teaching	0	0	3	19	33	27	15	5.3
Workload	0	0	2	28	22	28	18	5.3
Difficulty	0	0	0	17	44	19	19	5.4
Learn Exp	2	2	4	36	41	7	4	4.5

The Course material was taught at a relatively fast pace but most concepts were explained clearly to students. The notes were very helpful for the tests although they were believed to only cover a narrow spectrum of the course material. Kutas was an approachable and kind instructor who gave many useful examples. Some students would have found tutorials useful though, and many did not find the computational laboratories beneficial.

CHM 247H1S Introductory Organic Chemistry

Instructor(s): V. Dong

Enr: 316   Resp: 180   Retake: 50%

	1	2	3	4	5	6	7	Mean
Presents	0	0	1	5	27	44	20	5.8
Explains	0	0	2	5	23	47	20	5.8
Communicates	0	0	0	4	25	43	27	5.9
Teaching	0	0	1	4	24	48	21	5.8
Workload	0	0	2	32	37	21	6	4.9
Difficulty	0	0	1	25	44	18	9	5.1
Learn Exp	0	0	5	38	36	19	0	4.7

Students found Dong to be a very good instructor who answered the students' questions with enthusiasm. However, at times she appeared unsure of herself when answering some questions but explained all concepts clearly.

The course material was found to be heavy, but students enjoyed the course. Tutorials were highly useful but students' wished for the tutorial solutions to be posted online earlier.

Instructor(s): S. Skonieczny; M. Winnik

Enr: 316   Resp: 208   Retake: 50%

	1	2	3	4	5	6	7	Mean
Skonieczny:								
Presents	0	2	7	17	23	31	15	5.2
Explains	1	1	7	19	19	30	18	5.2
Communicates	0	1	3	13	26	33	20	5.5
Teaching	0	1	5	12	22	33	24	5.5
Winnik:								
Presents	0	0	2	6	21	49	21	5.8
Explains	0	0	0	6	19	40	33	6.0
Communicates	0	0	0	1	14	34	49	6.3
Teaching	0	0	0	5	16	42	36	6.1
Course:								
Workload	0	0	2	30	36	23	6	5.0
Difficulty	0	0	1	25	37	28	5	5.1
Learn Exp	0	0	2	40	36	18	1	4.8

Students found the beginning of the course to be overwhelming but enjoyed the course overall. Tutorials were highly useful and tests were fair. Many excellent examples were provided in class. Students however wished that more material was posted and available for better learning.

Skonieczny was a very helpful warm and knowledgeable instructor who answered questions with precision. Students also found him to be a very caring instructor.

Winnik was described as an amazing lecturer who cared and taught with a sense of humour.

Instructor(s): S. Skonieczny; M. Winnik

Enr: 211   Resp: 99   Retake: 58%

	1	2	3	4	5	6	7	Mean
Skonieczny:								
Presents	1	1	3	13	28	33	20	5.5
Explains	2	0	3	14	21	36	23	5.5
Communicates	0	1	1	12	34	24	27	5.6
Teaching	1	0	3	9	24	37	25	5.7
Winnik:								
Presents	0	0	0	4	27	38	30	5.9
Explains	0	0	0	4	20	42	33	6.1
Communicates	0	0	0	2	8	34	55	6.4
Teaching	0	0	1	2	18	35	43	6.2
Course:								
Workload	0	1	1	20	34	28	14	5.3
Difficulty	0	0	0	16	45	22	15	5.4
Learn Exp	1	0	0	35	30	24	8	5.0

Students found the laboratories a little out of sync with the course material and excessive in work load. However, the tern tests were graded fairly and students found them easy to understand. Overall, the course was enjoyable. The tutorials were helpful although they sometimes conflicted with the times of other 200-level courses. Overall, the students found the course to be helpful and enjoyable.

Skonieczny was described as an instructor who was very informed about the material, although he was difficult to understand at times. He answered all questions directed at him clearly and prepared his lectures well. Many liked his term test and found it to be well written.

Winnik was described as an enthusiastic instructor who displayed his knowledge of the material very well. Not only were his lectures very well understood by most students, but he was also available for individual consultation for any student in need.

Instructor(s): V. Dong

Enr: 211   Resp: 93   Retake: 57%

	1	2	3	4	5	6	7	Mean
Presents	0	0	3	6	28	34	27	5.8
Explains	0	0	2	3	27	39	28	5.9
Communicates	0	0	0	2	23	40	33	6.1
Teaching	0	0	1	3	29	36	29	5.9
Workload	0	0	0	21	30	30	16	5.4
Difficulty	0	0	0	16	36	29	16	5.5
Learn Exp	0	0	2	34	36	17	10	5.0

Dong was found to be a very engaging and knowledgeable lecturer who invited participation in the class and was interested in helping students understand and appreciate the material. She tried to keep the class amused and walked the class through the examples patiently.

Overall, people enjoyed the material and found her to be an excellent instructor. The course workload was heavy with much memorization but still enjoyable.

CHM 249H1S Organic Chemistry

Instructor(s): M. Lautens; R. Batey

Enr: 42   Resp: 37   Retake: 80%

	1	2	3	4	5	6	7	Mean
Lautens:								
Presents	0	5	2	2	33	33	22	5.5
Explains	2	0	2	5	24	43	21	5.6
Communicates	2	0	2	2	13	29	48	6.1
Teaching	2	0	5	0	16	43	32	5.9
Batey:								
Presents	0	0	0	2	19	47	30	6.1
Explains	0	0	0	0	19	55	25	6.1
Communicates	0	0	0	5	5	41	47	6.3
Teaching	0	0	0	2	10	54	32	6.2
Course:								
Workload	0	0	2	19	44	30	2	5.1
Difficulty	2	0	2	18	29	40	5	5.2
Learn Exp	0	2	8	2	40	39	11	5.3

Lautens was described as an approachable and enthusiastic lecturer, though some students felt that he should depend more on teaching from slides instead of writing on a whiteboard, as it was hard to follow up and write notes simultaneously.

Students loved Batey's teaching style and commended him on his ability to deliver lectures effectively. Some students added that they would have appreciated it if Batey discussed reaction mechanisms during class more often as it would have helped them understand reactions rather than just memorize them.

Students found the course enjoyable and an enriching experience. Students appreciated the oral exam part of the course and found it a good learning experience. Several students asked that they would have preferred that the instructors kept their questions till the end of the presentation as questioning in the middle of the presentation made the exam more intimidating.

CHM 310H1S Environmental Chemistry

Instructor(s): S. Mabury

Enr: 89   Resp: 53   Retake: 53%

	1	2	3	4	5	6	7	Mean
Presents	1	3	9	21	35	19	7	4.7
Explains	0	1	9	21	28	26	11	5.0
Communicates	0	0	0	1	11	26	59	6.4
Teaching	0	0	3	13	29	43	9	5.4
Workload	0	0	8	38	32	16	6	4.7
Difficulty	0	0	2	36	30	24	8	5.0
Learn Exp	0	0	5	32	37	16	8	4.9

While students said they found Mabury approachable, enthusiastic and well-versed, they said that sometimes he spoke too fast, which made grasping the material difficult.

Students said that better organization of slides and presentation of material would have helped them.

CHM 317H1S Introduction to Instrumental Methods of Analysis

Instructor(s): R. Jockusch

Enr: 45   Resp: 31   Retake: 63%

	1	2	3	4	5	6	7	Mean
Presents	0	0	9	16	9	41	22	5.5
Explains	0	0	3	9	25	35	25	5.7
Communicates	0	0	0	6	16	35	41	6.1
Teaching	0	0	0	9	22	45	22	5.8
Workload	0	0	0	3	9	35	51	6.4
Difficulty	0	0	3	19	32	32	12	5.3
Learn Exp	0	0	3	26	23	30	15	5.3

Nearly all students found Jockusch to be knowledgeable and helpful. No one had anything bad to say about her teaching but some noted that they would have preferred more lecture time to cover all of the material.

The assignments were found to be very useful but many would have wanted them to have a higher weight. Although a lot of the lab work was relevant and useful, the workload was also quite high considering the weighing. Overall, most students had a positive experience in this class while commenting that changing the weighting or splitting up the course into two would make it fairer.

CHM 325H1S Introduction to Inorganic and Polymer Materials Chemistry

Instructor(s): G. Ozin

Enr: 46   Resp: 31   Retake: 76%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	24	48	10	17	5.2
Explains	0	0	0	16	36	23	23	5.5
Communicates	0	0	0	3	30	20	46	6.1
Teaching	0	0	0	16	23	36	23	5.7
Workload	3	0	16	58	16	3	3	4.1
Difficulty	0	0	6	58	22	6	6	4.5
Learn Exp	0	4	4	37	20	33	0	4.8

Students thoroughly enjoyed the course and found it quite informative. Ozin was praised for his teaching style and students found him very approachable and his marking was described as fair.

CHM 326H1F Introductory Quantum Mechanics and Spectroscopy

Instructor(s): A. Dhirani

Enr: 28   Resp: 22   Retake: 42%

	1	2	3	4	5	6	7	Mean
Presents	0	0	9	27	36	13	13	5.0
Explains	0	0	14	19	33	19	14	5.0
Communicates	0	0	0	19	19	28	33	5.8
Teaching	0	0	9	27	22	31	9	5.0
Workload	0	4	13	68	9	0	4	4.0
Difficulty	0	0	9	40	18	18	13	4.9
Learn Exp	0	5	20	45	25	5	0	4.1

Students felt Dhirani was approachable, patient, and effective at answering students questions. They also expressed concern about the course content with some students claiming there was too much overlap with second year quantum mechanics. Alternative or additional evaluation methods would have been appreciated as there was too much emphasis on the term tests and the exam.

CHM 327H1S Experimental Physical Chemistry

Instructor(s): C. Goh

Enr: 24   Resp: 16   Retake: 68%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	31	31	31	0	4.9
Explains	0	0	0	18	37	31	12	5.4
Communicates	0	0	0	13	0	46	40	6.1
Teaching	0	0	0	12	25	37	25	5.8
Workload	0	0	25	50	18	6	0	4.1
Difficulty	0	0	12	62	18	6	0	4.2
Learn Exp	0	0	6	13	46	20	13	5.2

The lectures were felt to be a bit shallow and the labs were a bit disorganized. However, students appreciated being exposed to the practical side of an otherwise very mathematical subject.

The reports were graded somewhat harshly and not by the instructor or the lab TAs.

CHM 328H1S Modern Physical Chemistry

Instructor(s): J. Schofield

Enr: 12   Resp: 10   Retake: 77%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	10	50	40	6.3
Explains	0	0	0	0	40	40	20	5.8
Communicates	0	0	0	0	20	60	20	6.0
Teaching	0	0	0	0	10	70	20	6.1
Workload	0	10	20	40	30	0	0	3.9
Difficulty	0	11	0	33	44	11	0	4.4
Learn Exp	12	12	25	25	25	0	0	3.4

The lecturer was liked and presented material well. Students felt a course website with posted notes would have been helpful.

CHM 342H1F Modern Organic Synthesis

Instructor(s): M. Taylor

Enr: 73   Resp: 54   Retake: 86%

	1	2	3	4	5	6	7	Mean
Presents	0	1	0	3	13	41	39	6.1
Explains	0	0	1	5	12	46	33	6.0
Communicates	0	0	0	5	11	38	44	6.2
Teaching	0	0	0	1	9	44	44	6.3
Workload	0	0	1	30	34	26	5	5.0
Difficulty	0	0	1	30	34	26	5	5.0
Learn Exp	0	2	0	15	23	42	15	5.5

Taylor was an excellent instructor and was full of enthusiasm. The general consensus was that the course was enjoyable but that Taylor spoke too fast at times. The exams were a bit long but very fair. There was a lot to memorize.

CHM 343H1F Organic Synthesis Techniques

Instructor(s): R. Batey

Enr: 46   Resp: 28   Retake: 73%

	1	2	3	4	5	6	7	Mean
Presents	3	0	3	3	25	46	17	5.6
Explains	0	0	3	3	17	42	32	6.0
Communicates	0	0	0	10	17	46	25	5.9
Teaching	0	0	0	10	25	32	32	5.9
Workload	0	0	0	11	37	25	25	5.7
Difficulty	0	0	0	28	35	25	10	5.2
Learn Exp	0	0	0	30	40	13	9	5.0

Labs were a lot of work and midterms were long, but the course material was very practical and full of real world examples. The instructor was helpful and the lab instructor cared about students.

CHM 347H1F　Organic Chemistry of Biological Compounds

Instructor(s):　M. Nitz

Enr: 55　　　　　Resp: 42　　　　　Retake: 92%

	1	2	3	4	5	6	7	Mean
Presents	0	2	0	9	14	43	29	5.9
Explains	0	0	4	0	19	39	36	6.0
Communicates	0	0	0	2	2	45	50	6.4
Teaching	0	0	4	0	9	43	41	6.2
Workload	0	2	14	63	14	4	0	4.0
Difficulty	0	0	7	60	20	12	0	4.4
Learn Exp	0	0	3	24	39	30	3	5.1

Nitz was an outstanding lecturer who was also very approachable and enthusiastic. The course made use of excellent examples and the material was highly relevant.

The overall consensus was that the course was interesting and enjoyable.

CHM 348H1F　Organic Reaction Mechanisms

Instructor(s):　R. Kluger

Enr: 61　　　　　Resp: 46　　　　　Retake: 58%

	1	2	3	4	5	6	7	Mean
Presents	4	0	16	41	16	13	6	4.3
Explains	2	2	4	29	38	13	9	4.8
Communicates	0	0	0	11	31	27	29	5.8
Teaching	2	0	2	20	38	25	11	5.1
Workload	0	0	2	43	29	17	7	4.8
Difficulty	0	2	0	33	38	28	2	4.9
Learn Exp	5	12	10	17	22	20	12	4.5

Students felt both the textbook and the lecturer were very disorganized. However they felt that Kluger was enthusiastic. Students thoroughly enjoyed the labs. Many felt that the labs made up for the lectures and helped in understanding the lecture content.

CHM 379H1S　Biomolecular Chemistry

Instructor(s):　A. Woolley

Enr: 21　　　　　Resp: 21　　　　　Retake: 94%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	10	35	45	10	5.6
Explains	0	0	0	10	42	31	15	5.5
Communicates	0	0	0	20	15	45	20	5.7
Teaching	0	0	0	0	20	45	35	6.2
Workload	0	0	10	55	30	5	0	4.3
Difficulty	0	0	0	80	20	0	0	4.2
Learn Exp	0	0	0	11	17	47	23	5.8

Woolley was described as kind, approachable and very organized in his teaching. The TAs were also well-liked and helpful. The labs and presentation components were enjoyable and correlated well with lectures. Some felt it prepared them well for research.

CHM 410H1F　Analytical Environmental Chemistry

Instructor(s):　J. D'eon

Enr: 20　　　　　Resp: 15　　　　　Retake: 100%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	33	33	33	6.0
Explains	0	0	0	0	26	20	53	6.3
Communicates	0	0	0	0	20	40	40	6.2
Teaching	0	0	0	0	6	60	33	6.3
Workload	0	0	7	30	23	23	15	5.1
Difficulty	0	7	0	69	7	7	7	4.3
Learn Exp	0	0	0	18	54	18	4	5.2

D'eon was an enthusiastic lecturer. The labs were very well-organized but the workload was too heavy for its overall course grade percentage.

CHM 414H1F　Biosensors and Chemical Sensors

Instructor(s):　M. Thompson

Enr: 20　　　　　Resp: 11　　　　　Retake: 100%

	1	2	3	4	5	6	7	Mean
Presents	0	0	9	27	36	27	0	4.8
Explains	0	0	0	9	36	45	9	5.5
Communicates	0	0	0	0	18	36	45	6.3
Teaching	0	0	0	9	27	63	0	5.5
Workload	0	9	27	63	0	0	0	3.5
Difficulty	0	0	18	81	0	0	0	3.8
Learn Exp	0	0	0	44	33	22	0	4.8

Students found the material interesting and enjoyable. However the lectures were a bit disorganized at times.

CHM 415H1S　Atmospheric Chemistry

Instructor(s):　J. Murphy

Enr: 56　　　　　Resp: 37　　　　　Retake: 75%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	5	25	50	19	5.8
Explains	2	2	5	14	20	31	22	5.3
Communicates	2	0	0	5	16	41	33	5.9
Teaching	0	0	0	5	25	50	19	5.8
Workload	0	0	2	55	35	2	2	4.5
Difficulty	0	0	5	52	23	17	0	4.5
Learn Exp	0	3	3	17	46	28	0	4.9

Murphy was found to be an amazing lecturer who was enthusiastic, attentive, and involved with the class. The course material was highly interesting and relevant. It was also helpful that Murphy's lectures followed the textbook very closely.

The final project was also an interesting and educational exercise that implemented the material taught.

CHM 416H1S　Separation Science

Instructor(s):　M. Thompson

Enr: 16　　　　　Resp: 11　　　　　Retake: 63%

	1	2	3	4	5	6	7	Mean
Presents	0	0	9	9	27	36	18	5.5
Explains	0	0	0	0	36	45	18	5.8
Communicates	0	0	0	0	9	9	81	6.7
Teaching	0	0	9	9	18	27	36	5.7
Workload	0	0	9	81	0	9	0	4.1
Difficulty	0	0	9	63	9	18	0	4.4
Learn Exp	0	0	0	37	25	25	12	5.1

CHM 417H1F　Instrumentation for Chemists

Instructor(s):　A. Wheeler

Enr: 8　　　　　Resp: 4　　　　　Retake: 100%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	0	0	100	7.0
Explains	0	0	0	0	0	25	75	6.8
Communicates	0	0	0	0	0	25	75	6.8
Teaching	0	0	0	0	0	25	75	6.8
Workload	0	0	25	75	0	0	0	3.8
Difficulty	0	0	25	50	0	25	0	4.2
Learn Exp	0	0	0	0	33	33	33	6.0

Wheeler was an excellent and enthusiastic instructor. The lectures were interesting and the labs were fun.

CHM 423H1F Applications of Quantum Mechanics

Instructor(s): D. Segal

Enr: 9			Resp: 9				Retake: 77%
	1	2	3	4	5	6	7	Mean
Presents	0	0	11	33	22	33	0	4.8
Explains	0	0	0	11	22	66	0	5.6
Communicates	0	0	0	0	33	44	22	5.9
Teaching	0	0	0	0	44	44	11	5.2
Workload	25	0	37	37	0	0	0	2.9
Difficulty	12	12	25	25	25	0	0	3.4
Learn Exp	12	12	0	25	37	0	12	4.1

Students thought highly of Segal's teaching. However, students preferred if Segal wrote more on the board and provided more instruction on problem sets.

CHM 426H1S Polymer Chemistry

Instructor(s): M. Winnik

Enr: 16			Resp: 24				Retake: 73%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	4	20	45	29	6.0
Explains	0	0	0	8	8	41	41	6.2
Communicates	0	0	0	0	4	29	66	6.6
Teaching	0	0	0	4	8	33	54	6.4
Workload	0	0	4	45	29	16	4	4.7
Difficulty	0	0	4	58	25	8	4	4.5
Learn Exp	0	0	5	30	35	15	15	5.1

Some students remarked that the course was valuable and the instructors were wonderful. A number of students expressed different approaches to handle the quizzes as part of course evaluation; for example, testing material from preceding lecture rather than older material.

The instructor was said to be enthusiastic and made the course material interesting, and the class experience engaging.

CHM 434H1F Advanced Materials Chemistry

Instructor(s): G. Ozin

Enr: 18			Resp:16				Retake: 100%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	18	25	31	25	5.6
Explains	0	0	0	0	18	43	37	6.2
Communicates	0	0	0	0	12	12	75	6.6
Teaching	0	0	0	0	26	20	53	6.3
Workload	0	0	0	13	26	53	6	5.5
Difficulty	0	0	0	31	37	18	12	5.1
Learn Exp	0	0	9	9	36	27	18	5.4

Ozin was praised repeatedly for his enthusiasm for the course material and his incorporation of cutting edge research topics into his lectures. Some students found the workload a little overwhelming, but most found Ozin's use of examples very enlightening. Overall, the course was very well received and liked.

CHM 437H1S Bioinorganic Chemistry

Instructor(s): D. Zamble

Enr: 13			Resp: 11				Retake: 36%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	45	54	0	5.5
Explains	0	0	0	0	45	54	0	5.5
Communicates	0	0	0	9	27	54	9	5.6
Teaching	0	0	0	0	18	72	9	5.9
Workload	0	0	0	63	18	18	0	4.5
Difficulty	0	0	0	54	27	9	9	4.7
Learn Exp	0	9	27	27	18	18	0	4.1

The instructor was very enthusiastic.

CHM 440H1F The Synthesis of Modern Pharmaceutical Agents

Instructor(s): A. Yudin

Enr: 12			Resp: 10				Retake: 55%
	1	2	3	4	5	6	7	Mean
Presents	0	11	11	11	55	11	0	4.4
Explains	0	0	0	0	40	60	00	5.6
Communicates	0	0	0	0	0	70	30	6.3
Teaching	0	0	10	0	40	40	10	5.4
Workload	0	10	0	60	10	10	10	4.4
Difficulty	0	0	10	40	20	20	10	4.8
Learn Exp	0	12	0	12	62	12	0	4.6

Students found the class interesting and the lectures enjoyable. Yudin was enthusiastic but at times spoke too fast and was a bit disorganized with his notes.

CHM 441H1F Spectroscopic Analysis in Organic Chemistry

Instructor(s): S. Skonieczny

Enr: 5			Resp: 10				Retake: 88%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	40	20	40	6.0
Explains	0	0	0	0	30	60	10	5.8
Communicates	0	0	0	0	20	60	20	6.0
Teaching	0	0	0	0	20	40	40	6.2
Workload	0	0	0	40	50	10	0	4.7
Difficulty	0	0	0	70	20	10	0	4.4
Learn Exp	0	0	0	25	25	50	0	5.2

Many found Skonieczny to be very helpful; however, some complained about the length of his tests.

CHM 443H1S Physical Organic Chemistry

Instructor(s): M. Taylor

Enr: 18			Resp: 10				Retake: 77%
	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	0	0	100	7.0
Explains	0	0	0	0	0	20	80	6.8
Communicates	0	0	0	0	0	30	70	6.7
Teaching	0	0	0	0	0	40	60	6.6
Workload	0	0	0	30	40	30	0	5.0
Difficulty	0	0	0	10	50	30	10	5.4
Learn Exp	0	0	0	0	12	25	62	6.5

The instructor was very knowledgeable and enthusiastic. The computational assignments were appreciated. The lectures, while very well organized were covered too fast.

CHM 447H1F Bio-organic Chemistry

Instructor(s): R. Kluger

Enr: 11			Resp: 10				Retake: 80%
	1	2	3	4	5	6	7	Mean
Presents	0	20	0	10	60	10	0	4.4
Explains	0	0	0	40	10	40	10	5.2
Communicates	0	0	0	0	10	30	60	6.5
Teaching	0	0	0	20	20	40	20	5.6
Workload	0	0	0	70	10	20	0	4.5
Difficulty	0	0	0	30	40	30	0	5.0
Learn Exp	0	0	0	20	20	20	20	5.5

The material was interesting and Kluger was knowledgeable and enthusiastic. Students appreciated the assignments but wanted clearer instructions.

CHM 479H1S Biological Chemistry

Instructor(s): A. Woolley; M. Nitz

Enr: 11   Resp: 7   Retake: 85%

	1	2	3	4	5	6	7	Mean
Woolley:								
Presents	0	0	0	0	28	57	14	5.9
Explains	0	0	0	0	16	83	0	5.8
Communicates	0	0	0	28	28	14	28	5.4
Teaching	0	0	0	0	42	42	14	5.7
Nitz:								
Presents	0	0	0	0	14	71	14	6.0
Explains	0	0	0	16	16	66	0	5.5
Communicates	0	0	0	14	0	42	42	6.1
Teaching	0	0	0	14	28	42	14	5.6
Course:								
Workload	0	0	0	57	14	28	0	4.7
Difficulty	0	0	0	14	28	57	0	5.4
Learn Exp	0	0	0	14	57	14	14	5.3

The course material was well-liked and the instructors were knowledgeable.

Instructor(s): D. Zamble

Enr: 11   Resp: 7   Retake: 83%

	1	2	3	4	5	6	7	Mean
Presents	0	0	0	0	42	57	0	5.6
Explains	0	0	0	14	42	42	0	5.3
Communicates	0	0	0	0	28	42	28	6.0
Teaching	0	0	0	0	28	71	0	5.7
Workload	0	0	0	50	16	33	0	4.8
Difficulty	0	0	0	16	16	66	0	5.3
Learn Exp	0	0	0	16	50	16	16	5.3

The course material was enjoyable.

INTRODUCING THE ELEMENT OF SURPRISE

WHY DID I LET THEM GUZZLE ALL THOSE CARBON-BASED LIFEFORMS?

THERE YOU GO, SON! JUST WHAT YOU WANTED, A CHOCOLATE LAB!

HOW WILLIE WONKA RELUCTANTLY GOT STARTED