

School of Chemistry

Programme Information

Faculty	Sciences
School	Chemistry
Programme	ΤΜΙΜΑ ΧΗΜΕΙΑΣ
Level of Studies	Undergraduate
Academic Year	2018–2019
Periods	Winter & Spring

Evaluation overview

	<u>N</u>	<u>n</u>	%
Courses	505	62	12.3
Students	1,155	70	6.1
Questionnaires	18,409	227	1.2

Participation in evaluation

	Registered	Participated	Percentage
1st Year of Studies	242	21	8.7
2nd Year of Studies	181	8	4.4
3rd Year of Studies	195	15	7.7
4th Year of Studies	169	17	10.1
More Years of Study	368	9	2.4
Aggregate	1,155	70	6.1

Results by course

Code	Course	<u>N</u>	<u>n</u>	%	<u>SEP</u>
Π05	Diploma Thesis - Lab of Chemical and Environmental Technology	19	1	5.3	-
YE16	Organic Chemistry Laboratory II	248	6	2.4	-
YN09	Organic Chemistry II	556	3	0.5	-
YN16	Organic Chemistry III	371	2	0.5	-
Y10	Physical Chemistry II	359	8	2.2	-
Y11	Quantum Chemistry & Introduction to Spectroscopy	370	4	1.1	-
Y02	Basics Principles of Analytical Chemistry	444	16	3.6	-
Y01	General & Inorganic Chemistry I	361	14	3.9	-
Y04	Physics I	532	21	3.9	-
Y03	Applied Mathematics in Chemistry I	429	13	3.0	-
A07	Management in Chemical Industry	28	1	3.6	-
A06	Processing and Evaluation of Laboratory Data	124	3	2.4	-
H03	Industrial Organic Chemistry	263	2	0.8	-
K406	Fundamental Principles of Environmental Technology	52	1	1.9	-
K206	Specific Chapters on Colloid Chemistry	60	1	1.7	-
H04	Food Chemistry I	285	3	1.1	-
H07	Environmental Chemistry	136	2	1.5	-
H05	Food Processing and Preservation	156	4	2.6	-
H02	Macromolecular Chemistry	250	13	5.2	-
H06	Environmental Pollution Control	79	4	5.1	-
K211	Specific Methods of Analysis	50	1	2.0	-
K212	Bioanalytical Chemistry	38	1	2.6	-
Aggregate		11070	227	2.1	0

Code	Course	N	n	%	SEP
K210	Archaeometry and Chemistry of Archaeology Materials	48	2	4.2	-
A01	English for Chemistry	248	1	0.4	-
K301	Bioinorganic Chemistry	70	6	8.6	-
K303	Physical Methods in Inorganic Chemistry	48	5	10.4	-
EHO13	Elements of Economy	14	1	7.1	-
B02	Radiochemistry & Nuclear Chemistry	63	1	1.6	-
K309	Structural Biochemistry and Basics of Biocomputational Chemistry	53	7	13.2	-
K108	ITC in the Chemical Laboratory	41	2	4.9	-
K312	Pharmaceutical Chemistry	17	1	5.9	-
H11	Materials Chemistry	255	4	1.6	-
K202	Modelling and Optimisation of Chromatographic Separations	41	1	2.4	-
K314	Biotechnology	63	4	6.3	-
K107	Development of Multimedia Material and e-Learning in Chemistry and Chemistry Teaching	9	1	11.1	-
K403	Biotechnological Processes	64	2	3.1	-
K404	Transport Phenomena	49	2	4.1	-
K405	Technology of Polymeric Materials	50	1	2.0	-
B04	Spectroscopy of Organic Compounds	109	1	0.9	-
B05	General Biology	194	1	0.5	-
K408	Colour Chemistry and Technology	62	1	1.6	-
K411	Food Quality Management	52	2	3.8	-
H10	Computational Chemistry	103	2	1.9	-
ΠP04	Oenology II	14	1	7.1	-
ΠP05	Elements of Viticulture	14	1	7.1	-
YN06	Organic Chemistry I	504	5	1.0	-
Y19	Inorganic Chemistry III	340	7	2.1	-
Y18	Instrumental Chemical Analysis I	366	4	1.1	-
Y15	Biochemistry I	435	3	0.7	-
Y14	Chemical Technology	297	2	0.7	-
Y13	Physical Chemistry III	435	3	0.7	-
Y05	Inorganic Chemistry II	560	5	0.9	-
Y08	Quantitative Chemical Analysis	353	1	0.3	-
Y07	Physical Chemistry I	385	1	0.3	-
K101	Molecular Models	35	1	2.9	-
Π04	Diploma Thesis - Lab of Analytical Chemistry	5	1	20.0	-
Π06	Diploma Thesis - Lab of Chemistry and Technology of Polymers and Dyes	12	1	8.3	-
KN307	Natural Product Chemistry	64	4	6.3	-
K313	Bioorganic Chemistry	58	8	13.8	-
Π01	Diploma Thesis - Lab of Inorganic Chemistry	29	2	6.9	-
YN09	Organic Chemistry II	96	2	2.1	-
YE12	Organic Chemistry Laboratory I	205	3	1.5	-
Aggregate		11070	227	2.1	0

Only courses with evaluations are shown

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Results Overview

Number of Evaluations (v)	Quality Index (Q)
227	64.7

Evaluation overview

	N	n	%
Courses	505	62	12.3
Students	1,155	70	6.1
Questionnaires	18,409	227	1.2

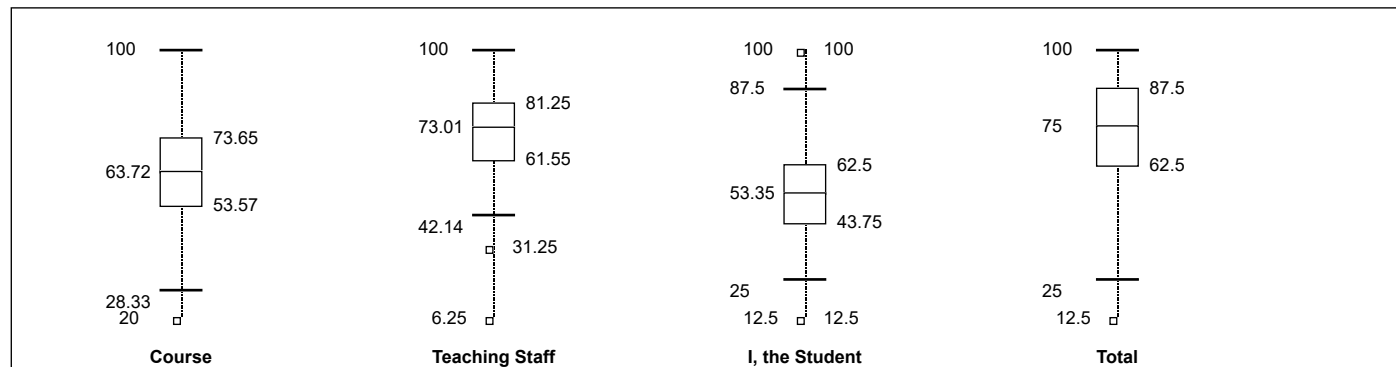
Participation in evaluation

	Registered	Participated	Percentage
1st Year of Studies	242	21	8.7
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More Years of Study	368	9	2.4
Aggregate	1,155	70	6.1

Results per question group

		Answer Percentages								
	n	A	0	25	50	75	100	A	M.O.	T.A.
Course	1,135	0.0	4.8	11.1	30.3	27.5	17.7	8.5	61.5	27.3
Teaching Staff	2,396	0.0	8.7	8.8	18.9	30.8	30.6	2.3	66.9	31.2
I, the Student	454	0.0	21.6	18.1	7.9	16.5	30.6	5.3	54.4	39.8
Total	826	0.0	7.5	9.4	20.3	29.4	32.8	0.5	67.7	30.7

Boxplots of results per question group



Questions analytically

1. Course		Answer Percentages								
	n	A	0	25	50	75	100	Δ	M.O.	T.A.
1. Were the objectives (learning outcomes) of the course clear?	227	0.0	2.6	10.6	25.1	41.9	19.4	0.4	66.3	24.9
2. Did the taught material meet the objectives (learning outcomes) of the course?	227	0.0	2.2	8.4	18.9	46.3	22.0	2.2	69.8	24.0
3. Are the needs of the course covered by the libraries of the School / Faculty and of the University?	227	0.0	4.0	5.7	12.8	20.3	22.0	35.2	69.6	29.5
4. Was there any information on the examination procedure and the grading criteria of the course?	227	0.0	8.8	10.6	27.8	26.9	24.7	1.3	62.2	30.6
5. How do you consider the number of credits (ECTS) of the course in relation to the workload it a...	227	0.0	6.6	20.3	67.0	2.2	0.4	3.5	42.1	16.3
Aggregate	1,135	0.0	4.8	11.1	30.3	27.5	17.7	8.5	61.5	27.3

2. Teaching Staff		Answer Percentages								
	n	A	0	25	50	75	100	Δ	M.O.	T.A.
6. Does he/ she organize well the presentation of the teaching material in the courses?	599	0.0	6.8	9.2	21.7	31.1	29.9	1.3	67.2	29.8
7. Does he/ she successfully stimulate the interest in the subject of the course?	599	0.0	14.0	12.2	22.4	29.2	21.4	0.8	58.0	33.0
8. Was he/ she consistent with his / her obligations (eg presence at the lessons, timely correction ...	599	0.0	5.0	5.7	12.0	33.2	38.9	5.2	75.1	28.0
9. Was he/ she generally accessible to the students?	599	0.0	8.8	8.0	19.4	29.7	32.4	1.7	67.5	31.3
Aggregate	2,396	0.0	8.7	8.8	18.9	30.8	30.6	2.3	66.9	31.2

3. I, the Student		Answer Percentages								
	n	A	0	25	50	75	100	Δ	M.O.	T.A.
10. I attended the courses:	227	0.0	0.9	5.7	5.3	30.8	57.3	0.0	84.5	22.2
11. I weekly dedicate on the studying of this course:	227	0.0	42.3	30.4	10.6	2.2	4.0	10.6	20.7	25.7
Aggregate	454	0.0	21.6	18.1	7.9	16.5	30.6	5.3	54.4	39.8

4. Total		Answer Percentages								
	n	A	0	25	50	75	100	Δ	M.O.	T.A.
12. Overall, what is your opinion on the course?	227	0.0	7.0	9.3	26.9	36.6	20.3	0.0	63.4	28.1
13. Overall, what is your opinion on the lecturer/ instructor?	599	0.0	7.7	9.5	17.9	26.7	37.6	0.7	69.4	31.5
Aggregate	826	0.0	7.5	9.4	20.3	29.4	32.8	0.5	67.7	30.7

Results by course

Code	Course	N	n	%	1	2	3	4	Q	E
Π05	Diploma Thesis - Lab of Chemical and Environmental Technology	19	1	5.3	90.0	100.0	100.0	100.0	95.5	100.0
YE16	Organic Chemistry Laboratory II	248	6	2.4	67.2	72.2	56.3	76.7	71.3	53.2
YN09	Organic Chemistry II	556	3	0.5	53.6	50.0	58.3	52.8	51.7	11.3
YN16	Organic Chemistry III	371	2	0.5	72.2	81.3	50.0	85.0	78.8	75.8
Y10	Physical Chemistry II	359	8	2.2	53.8	52.9	65.0	57.2	53.9	16.1
Aggregate		11070	227						64.7	

Code	Course	N	n	%	1	2	3	4	Q	E
Y11	Quantum Chemistry & Introduction to Spectroscopy	370	4	1.1	45.6	49.1	39.3	41.7	46.5	8.1
Y02	Basics Principles of Analytical Chemistry	444	16	3.6	56.6	61.5	58.6	61.6	60.8	25.8
Y01	General & Inorganic Chemistry I	361	14	3.9	69.4	72.6	59.6	74.2	72.3	56.5
Y04	Physics I	532	21	3.9	64.9	73.5	53.1	73.3	71.0	51.6
Y03	Applied Mathematics in Chemistry I	429	13	3.0	53.4	53.2	52.0	49.4	52.4	12.9
A07	Management in Chemical Industry	28	1	3.6	40.0	77.1	62.5	81.3	69.0	41.9
A06	Processing and Evaluation of Laboratory Data	124	3	2.4	62.5	56.3	75.0	58.3	59.4	22.6
H03	Industrial Organic Chemistry	263	2	0.8	65.0	73.4	43.8	83.3	72.7	61.3
K406	Fundamental Principles of Environmental Technology	52	1	1.9	85.0	90.6	62.5	91.7	89.1	91.9
K206	Specific Chapters on Colloid Chemistry	60	1	1.7	100.0	75.0	50.0	100.0	90.9	95.2
H04	Food Chemistry I	285	3	1.1	28.3	42.1	66.7	25.0	35.5	3.2
H07	Environmental Chemistry	136	2	1.5	50.0	60.8	43.8	62.5	59.4	22.6
H05	Food Processing and Preservation	156	4	2.6	30.0	48.2	40.6	47.2	44.1	6.5
H02	Macromolecular Chemistry	250	13	5.2	75.8	77.6	49.0	81.8	77.8	72.6
H06	Environmental Pollution Control	79	4	5.1	60.0	75.9	46.9	76.0	73.4	64.5
K211	Specific Methods of Analysis	50	1	2.0	50.0	62.5	25.0	68.8	61.3	27.4
K212	Bioanalytical Chemistry	38	1	2.6	55.0	75.0	62.5	70.8	71.0	50.0
K210	Archaeometry and Chemistry of Archaeology Materials	48	2	4.2	66.7	85.7	43.8	95.8	81.9	80.6
A01	English for Chemistry	248	1	0.4	70.0	62.5	12.5	62.5	65.9	33.9
K301	Bioinorganic Chemistry	70	6	8.6	67.9	71.9	62.5	77.8	71.8	54.8
K303	Physical Methods in Inorganic Chemistry	48	5	10.4	57.6	66.7	55.0	73.8	66.0	35.5
EHO13	Elements of Economy	14	1	7.1	50.0	93.8	37.5	100.0	81.3	79.0
B02	Radiochemistry & Nuclear Chemistry	63	1	1.6	62.5	62.5	12.5	75.0	65.0	32.3
K309	Structural Biochemistry and Basics of Biocomputational Chemistry	53	7	13.2	46.9	51.8	57.1	46.4	49.3	9.7
K108	ITC in the Chemical Laboratory	41	2	4.9	50.0	31.3	37.5	31.3	38.8	4.8
K312	Pharmaceutical Chemistry	17	1	5.9	75.0	77.1	100.0	62.5	73.8	66.1
H11	Materials Chemistry	255	4	1.6	55.3	69.4	60.7	68.8	66.6	40.3
K202	Modelling and Optimisation of Chromatographic Separations	41	1	2.4	62.5	75.0	50.0	87.5	72.5	59.7
K314	Biotechnology	63	4	6.3	65.3	71.0	53.6	71.7	69.8	46.8
K107	Development of Multimedia Material and e-Learning in Chemistry and Chemistry Teaching	9	1	11.1	87.5	100.0	50.0	100.0	95.0	96.8
K403	Biotechnological Processes	64	2	3.1	66.7	62.5	50.0	62.5	63.7	29.0
K404	Transport Phenomena	49	2	4.1	66.7	68.8	56.3	75.0	69.2	45.2
K405	Technology of Polymeric Materials	50	1	2.0	90.0	71.9	37.5	91.7	81.3	79.0
B04	Spectroscopy of Organic Compounds	109	1	0.9	80.0	100.0	62.5	87.5	88.6	88.7
B05	General Biology	194	1	0.5	80.0	90.2	62.5	100.0	90.9	93.5
K408	Colour Chemistry and Technology	62	1	1.6	85.0	78.1	25.0	91.7	82.8	82.3
K411	Food Quality Management	52	2	3.8	80.6	85.9	50.0	95.8	86.3	87.1
H10	Computational Chemistry	103	2	1.9	60.0	60.0	43.8	60.7	60.1	24.2
ΠP04	Oenology II	14	1	7.1	65.0	81.3	50.0	91.7	78.1	74.2
ΠP05	Elements of Viticulture	14	1	7.1	45.0	90.6	37.5	83.3	75.0	71.0
YN06	Organic Chemistry I	504	5	1.0	56.0	53.1	44.4	48.3	53.1	14.5
Y19	Inorganic Chemistry III	340	7	2.1	67.9	74.1	53.6	73.2	72.4	58.1
Y18	Instrumental Chemical Analysis I	366	4	1.1	52.5	70.9	40.6	65.9	66.5	38.7
Y15	Biochemistry I	435	3	0.7	55.4	69.3	75.0	70.8	66.4	37.1
Y14	Chemical Technology	297	2	0.7	58.3	58.3	66.7	57.5	58.2	19.4
Aggregate		11070	227						64.7	

Code	Course	N	n	%	1	2	3	4	Q	E
Y13	Physical Chemistry III	435	3	0.7	55.8	72.5	45.0	78.8	70.5	48.4
Y05	Inorganic Chemistry II	560	5	0.9	51.0	61.1	37.5	47.2	55.8	17.7
Y08	Quantitative Chemical Analysis	353	1	0.3	75.0	88.8	50.0	100.0	88.7	90.3
Y07	Physical Chemistry I	385	1	0.3	80.0	89.6	62.5	81.3	85.7	85.5
K101	Molecular Models	35	1	2.9	68.8	75.0	37.5	75.0	73.3	62.9
Π04	Diploma Thesis - Lab of Analytical Chemistry	5	1	20.0	20.0	6.3	62.5	12.5	13.6	1.6
Π06	Diploma Thesis - Lab of Chemistry and Technology of Polymers and Dyes	12	1	8.3	90.0	100.0	87.5	100.0	95.5	100.0
KN307	Natural Product Chemistry	64	4	6.3	58.3	75.0	62.5	78.1	69.2	45.2
K313	Bioorganic Chemistry	58	8	13.8	73.6	73.4	59.6	81.3	75.0	71.0
Π01	Diploma Thesis - Lab of Inorganic Chemistry	29	2	6.9	65.0	84.4	75.0	81.3	75.0	71.0
YN09	Organic Chemistry II	96	2	2.1	42.5	75.0	87.5	70.8	64.1	30.6
YE12	Organic Chemistry Laboratory I	205	3	1.5	82.7	85.6	58.3	87.5	85.2	83.9
Aggregate		11070	227						64.7	

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Periods	Winter & Spring

Participation in evaluation of procedure

	Registered	Participated	Percentage
1st Year of Studies	21	4	19.0
2nd Year of Studies	8	2	25.0
3rd Year of Studies	15	2	13.3
4th Year of Studies	17	0	0.0
More Years of Study	9	0	0.0
Aggregate	70	8	11.4

Questions analytically

	n	Answer Percentages					Course	
		0	25	50	75	100	M	S.D.
1. What do you think of the electronic evaluation of the courses?	8	0.0	0.0	37.5	37.5	25.0	71.9	19.5
2. Do you prefer the electronic evaluation to the paper questionnaires i...	8	0.0	0.0	0.0	37.5	62.5	90.6	12.1
3. Do you consider the courses' and instructors' evaluation by the stud...	8	0.0	0.0	0.0	25.0	75.0	93.8	10.8
4. Do you think that your evaluation is taken into account by the instru...	8	25.0	12.5	50.0	12.5	0.0	37.5	25.0
5. How many of the courses of previous semesters have you evaluate...	8	37.5	12.5	0.0	12.5	37.5	50.0	45.1
Aggregate	40	12.5	5.0	17.5	25.0	40.0	68.8	33.9

	n	Answer Percentages	
		Yes	No
6. During the previous semesters, did you evaluate your courses via the website of Quality Assurance Unit (MODIP)?	4	75.0	25.0
7. Have you seen any changes in the teaching of courses as a result of the students' evaluation?	8	12.5	87.5
Aggregate	12	33.3	66.7

How did you find out about the courses evaluation process via the website of Quality Assurance Unit (MODIP)?

	n	%
1. By electronic message (e-mail) of the University	1	12.5
2. By electronic message (e-mail) of the Faculty/ School	0	0.0
3. From the website of the University	0	0.0
4. From the website of the Faculty/ School	0	0.0
5. From a course instructor	7	87.5
6. From a fellow student	1	12.5
7. From Facebook	0	0.0
8. From Secreteriat	0	0.0
9. Another way	0	0.0
