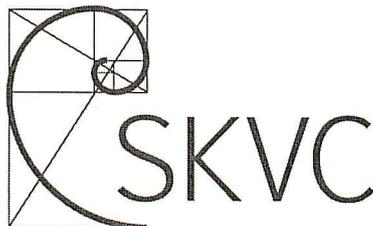


EXTRACT OF SECOND CYCLE STUDY PROGRAMME *CHEMISTRY*
(STATE CODE – 621F10001) AT VILNIUS UNIVERSITY 22ND DECEMBER 2016
EVALUATION REPORT NO. SV4-244



STUDIJŲ KOKYBĖS VERTINIMO CENTRAS

Vilniaus universiteto
STUDIJŲ PROGRAMOS
CHEMIJA (621F10001)
VERTINIMO IŠVADOS

EVALUATION REPORT
OF *CHEMISTRY (621F10001)*
STUDY PROGRAMME
at Vilnius University

1. Prof. Dr. Laurent Counillon (team leader) *academic*
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3. Dr. Elizabeth Margaret Briggs, *academic*
4. Prof. Dr. Jan Lundell, *academic*
5. Dr. Šarūnas Zigmantas, *representative of social partners*
6. Mr. Benas Balandis, *students' representative*

Evaluation coordinator - *Mr. Pranas Stankus*

Išvados parengtos anglų kalba
Report language - English

DUOMENYS APIE ĮVERTINTĄ PROGRAMĄ

Studijų programos pavadinimas	Chemija
Valstybinis kodas	621F10001
Studijų sritis	Fiziniai mokslai
Studijų kryptis	Chemija
Studijų programos rūšis	Universitetinės studijos
Studijų pakopa	Antra
Studijų forma (trukmė metais)	Nuolatinė (2)
Studijų programos apimtis kreditais	120
Suteikiamas laipsnis ir (ar) profesinė kvalifikacija	Chemijos magistro laipsnis
Studijų programos įregistravimo data	1997-05-19 Nr. 565

INFORMATION ON EVALUATED STUDY PROGRAMME

Title of the study programme	<i>Chemistry</i>
State code	621F10001
Study area	Physical sciences
Study field	Chemistry
Type of the study programme	University studies
Study cycle	Second
Study mode (length in years)	Full time (2)
Volume of the study programme in credits	120
Degree and (or) professional qualifications awarded	Master's Degree in Chemistry
Date of registration of the study programme	19/05/1997 Order No. 565

VI. GENERAL ASSESSMENT

The study programme *Chemistry* (state code – 621F10001) at Vilnius University is given **positive** evaluation.

Study programme assessment in points by evaluation areas.

No.	Evaluation Area	Evaluation of an area in points*
1.	Programme aims and learning outcomes	4
2.	Curriculum design	3
3.	Teaching staff	3
4.	Facilities and learning resources	3
5.	Study process and students' performance assessment	3
6.	Programme management	3
	Total:	19

*1 (unsatisfactory) - there are essential shortcomings that must be eliminated;

2 (satisfactory) - meets the established minimum requirements, needs improvement;

3 (good) - the field develops systematically, has distinctive features;

4 (very good) - the field is exceptionally good.

<...>

IV. SUMMARY

The MA in Chemistry programme is well embedded and provides a wide range of electives for students to gain specialist knowledge and skills for PhD studies or future employment. Programme aims and learning outcomes are commensurate with M level studies.

The curriculum design provides students with high level knowledge across a range of subjects. Students may choose electives that enable them to specialize in a variety of advanced specialisms, including specific electives in Conservation and Restoration Chemistry. There is a comprehensive map of courses which demonstrates where learning outcomes are achieved, including high level skills and competences.

Faculty staff are highly qualified and research-active. They encourage students to develop research methods and skills resulting in MA theses which demonstrate high academic standards across a broad range of chemistry specialisms. Students benefit from the academic support through one-to-one supervision.

Recent major improvements to research laboratory infrastructure, including modern instrumentation, have enhanced the student learning experience. Students are able to use a wide range of laboratory and instrumental techniques to conduct research work. Students also value the library and learning resources available to them.

Admissions requirements, coupled with high motivation to succeed, contribute to a low dropout rate. Students are well supported for their academic studies, and with comprehensive central social advice and welfare consultations. Assessment processes for electives are clear and applied in a consistent manner.

The programme is generally well managed as judged by the recorded high student satisfaction levels. Student employment or progression rates to a third cycle programme are highly satisfactory.

While the MA programme is implemented in a satisfactory manner, there are some weaknesses that have been identified for improvement. The curriculum design is sound, with many positive features, but students would value more opportunities to study business and management related to directly to the chemical industry. To further enhance employment skills, students would like to have more group work activities and development of English language competences.

The quality of teaching by some staff could be improved by further staff development to promote interactive teaching methods using an educational training programme. The Faculty of Chemistry student course evaluation surveys should provide insight into where such training is required.

There is a need to ensure that all laboratories enforce safety and health protocols, with clear signage to reinforce verbal and written requirements.

In order to improve internal quality assurance processes year on year, the Faculty should formalise the work of the Study Programme Committee meetings (twice per year). It should undertake annual programme monitoring of action plans, including student data analysis, feedback from course surveys and comments. These processes should be fully documented to report on progress.

<...>

III. RECOMMENDATIONS

1. Students should be able to access electives in business and management, more group work, and better English language skills, to prepare them specifically for employment as chemists in industry or related scientific institutions.
2. The Faculty should provide further staff development to promote interactive teaching methods using an educational training programme.
3. The Faculty should ensure strict adherence to safety and health protocols, with clear signage to reinforce verbal and written requirements in all laboratories.
4. Students should receive feedback on how the final thesis mark is aggregated, and clarification on grading criteria and weightings of the assessed.
5. The Faculty should fulfil the requirement for the Study Programme Committee to meet twice per year with student participation, and formal committee minutes. Formal annual programme monitoring of action plans for enhancement, based on student data and feedback should take place. assist the internal quality assurance process within the Faculty. 8. The SPC should have formal committee minutes which document information and analyse student data, together with action plans which are tracked and reviewed for implementation and completion, to assist the internal quality assurance process.
6. The SPC should provide formal feedback to students on responses to issues they raise and on actions implemented to give students a real sense of engagement with Faculty plans for improvement.

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**VILNIAUS UNIVERSITETO ANTROSIOS PAKOPOS STUDIJŲ PROGRAMOS
CHEMIJA (VALSTYBINIS KODAS – 621F10001)
2016-12-22 EKSPERTINIO VERTINIMO IŠVADŲ NR. SV4-244 IŠRAŠAS**

<...>

V. APIBENDRINAMASIS ĮVERTINIMAS

Vilniaus universiteto studijų programa *Chemija* (valstybinis kodas – 621F10001) vertinama teigiamai.

Eil. Nr.	Vertinimo sritis	Srities įvertinimas, balais*
1.	Programos tikslai ir numatomi studijų rezultatai	4
2.	Programos sandara	3
3.	Personalas	3
4.	Materialieji ištekliai	3
5.	Studijų eiga ir jos vertinimas	3
6.	Programos vadyba	3
	Iš viso:	19

* 1 - Nepatenkinamai (yra esminių trūkumų, kuriuos būtina pašalinti)

2 - Patenkinamai (tenkina minimalius reikalavimus, reikia tobulinti)

3 - Gerai (sistemiškai plėtojama sritis, turi savitų bruožų)

4 - Labai gerai (sritis yra išskirtinė)

<...>

IV. SANTRAUKA

Magistro laipsnį suteikiančios studijos į studijų programą *Chemija* integruotos gerai, studentams siūloma daug pasirenkamųjų dalykų, studentai gali įgyti specialių žinių ir įgūdžių, kurių reikia doktorantūros studijoms ar būsimajam darbui. Studijų programos tikslai ir studijų rezultatai magistro lygio studijoms yra proporcingi.

Programos sandara leidžia studentams įgyti itin gerų daugelio dalykų žinių. Studentai gali rinktis pasirenkamuosius dalykus, kurie leidžia specializuotis daugelyje pažangių sričių, pavyzdžiui, konkrečius pasirenkamuosius dalykus *Konservavimo ir restauravimo chemija*. Parengtas išsamus kursų ir dalykų planas, kuriame parodoma, kaip pasiekiami studijų rezultatai, įskaitant aukšto lygio įgūdžius ir kompetencijas.

Fakulteto dėstytojai yra aukštos kvalifikacijos ir aktyviai dalyvauja tiriamojoje veikloje. Jie skatina studentus plėtoti mokslinių tyrimų metodus ir įgūdžius, kurie perkeliama į magistro baigiamąjį darbą, įrodantį aukštus akademinis standartus įvairiose chemijos specializacijose. Naudinga tai, kad studentams teikiama akademinė parama ir vienam studentui skiriamas vienas vadovas.

5. Fakultetas turi vykdyti Studijų programos komitetui keliamą reikalavimą du kartus per metus rengti posėdžius, kuriuose dalyvautų studentai, taip pat turi būti surašomas oficialus komiteto posėdžio protokolas. Turi būti vykdoma oficiali metinės programos stebėseną, vertinama, kaip vykdomi veiklos tobulinimo planai, remiantis studentų duomenimis ir jų teikiamu grįžtamoju ryšiu. Tai padėtų fakultete vykdyti vidaus kokybės užtikrinimo procesą.

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Paslaugos teikėjas patvirtina, jog yra susipažinęs su Lietuvos Respublikos baudžiamojo kodekso 235 straipsnio, numatančio atsakomybę už melagingą ar žinomai neteisingai atliktą vertimą, reikalavimais.

Lita Slisareviciute

Vertėjos rekvizitai (vardas, pavardė, parašas)

