

## Study courses for exchange students (in English) 2018/2019

### **Bachelor program in Chemistry**

[https://www.lu.lv/gribustudet/katalogs/katalogi-anglu-valoda/study-programme-catalog/?user\\_phpfileexecutor\\_pi1%5Bprogram\\_id%5D=21212](https://www.lu.lv/gribustudet/katalogs/katalogi-anglu-valoda/study-programme-catalog/?user_phpfileexecutor_pi1%5Bprogram_id%5D=21212)

Course	ECTS credits	Total contact hours	Course code	Semester
Organic Chemistry* II	9	L48, Lab 64, S16	Ķīmi3007	autumn
Heterocyclic Compounds*	7,5	L,S32, Lab 72,	Ķīmi4039	autumn
Spectroscopy of Organic Compounds	4,5	L15, S 33	Ķīmi1000	autumn
Kinetics and catalyses*	7,5	L32, Lab64, S 16	Ķīmi 3017	autumn
Inorganic chemistry (for non-chemists)	4,5	L S 24, Lab 24		autumn
Methods of Instrumental Analyses*	6	L24, Lab 64, S8	Ķīmi3015	spring
Methods of Chromatography	6	L42, Lab21, S8	Ķīmi4065	spring
Computer Application in Chemistry	4,5	L16, P32	SDSK1090	spring
Preparation of Organic compounds	6	L24, Lab 48, S8	Ķīmi3028	spring
Organic Chemistry (for non chemists)	4,5	L32, L32	Ķīmi1020	spring
Organic Chemistry I (for chemists)	4,5	L32, L32	Ķīmi 2005	spring
Bachelor theses	15	Exp. work Data analyses	Ķīmi4058	spring

\* Lectures in Latvian (with additional materials in English), seminars and/or laboratory practice in English. Lecture presentations and consultations with the lecturers are available on a regular basis. Intermediate tests and the final exam are in English.

## Master program in Chemistry

[https://www.lu.lv/gribustudet/katalogs/katalogi-anglu-valoda/study-programme-catalog/?user\\_phpfileexecutor\\_pi1%5Bprogram\\_id%5D=21202](https://www.lu.lv/gribustudet/katalogs/katalogi-anglu-valoda/study-programme-catalog/?user_phpfileexecutor_pi1%5Bprogram_id%5D=21202)

	ECTS credits	Total contact hours	Course code	Semester
Organic Synthesis I	12	L32, S32, Lab 80	Ķīmi5017	autumn
Organic Synthesis II* Transition metal catalysis	9	L62, S 30, Lab4		spring
Stereochemistry	6	L32, S32	Ķīmi5006	autumn
Research project I	3	Exp. Work. Data analyses	Ķīmi5154	autumn or spring
Research project II	6	Exp. work. Data analyses	Ķīmi6000	autumn or spring
Chemical toxicology*	3	L16, S16	Ķīmi5007	spring
Spectrometric Analyses *	6	L32, S16, Ld16	Ķīmi5009	spring
Organic Synthesis III* (total syntheses, modeling)	6	L8, S56	Ķīmi6239	autumn
Master theses	30	Exp.work. Data analyses	Ķīmi6167	spring

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