

**Polish–language Study Programme in
Chemistry in the discipline of
chemical Sciences
at the Doctoral School of Exact and Natural
Sciences**

I

General provisions

1. The study programme in Chemistry has been established according to the Act of 20 July 2018 on the Law on Higher Education and the guidelines applicable at the Jagiellonian University in Kraków.
2. The study programme in Chemistry leads to learning outcomes for qualifications defined as level 8, according to the Polish Qualifications Framework.
3. The study programme lasts eight terms.
4. The Polish language is the language of instruction of this study programme.
5. Detailed requirements and the admission criteria are defined in the recruitment regulations as approved by the Jagiellonian University Senate.
6. The PhD student submits an Individual Research Plan to the supervisor after 12 months from the date of the study programme commencement.
7. A number of ECTS points (European Credit Transfer and Accumulation System) allocated to the study programme in Chemistry is a minimum of 40 points.
8. The rules on achieving learning outcomes and the manner of their evaluation are specified in the syllabuses of the individual courses.

II

Occupational internship

1. The occupational internship programme is realized in the form of conducting classes with students as well as assisting in this process.
2. Occupational internships can also take the form of conducting activities with the purpose of popularizing science.
3. The rules on the internship programme for those PhD students studying on the study programme in Chemistry are as follows:
 - The internship can take the form of conducting or co-conducting classes at the Faculty of Chemistry of the Jagiellonian University.

- The internship can take place in an external institution after the consultation with the supervisor and the consent issued by the Head of PhD programme. The number of hours allocated to external training is established individually.

4. The number of hours allocated to the internship programme must not exceed 60 hours per academic year. A minimum number of internship hours is established yearly by the Head of PhD programme in consultation with the Dean of the Faculty of Chemistry of the Jagiellonian University.

III

Evaluation of study and scientific programme accomplishments

1. The supervisor monitors the study programme implemented by the PhD student and his/her Individual Research Plan.
2. Annually, no later than by 30 September, the PhD student submits to the Head of PhD programme a report on the implementation of his/her Individual Research Plan, appraised by the supervisor.
3. The Head of PhD programme evaluates the implementation of the PhD's study programme and research programme on the basis of the PhD student's report (see point 2) and the report from the University IT system.
4. Changing an Individual Research Plan, in particular changing or postponing some of the doctoral student's duties to another date, requires the approval of the Head of PhD programme.
5. The Head of PhD programme may decide to accept as part of the performance of duties (with the appropriate allocation of ECTS points) courses or classes not specified in the study programme.
6. By the end of the 4th term, the PhD student shall be subject to the mid-term evaluation before the committee appointed by the director.
7. The evaluation dates are established by the Head of PhD programme.
8. 30 days before the scheduled committee meeting, the PhD student shall submit to the Head of PhD programme a written report on the implementation of the Individual Research Plan. The report must be approved by the supervisor before submission.
9. Members of the committee and the PhD student, in the parts to which s/he was invited, participate at the meetings of the committee conducting the mid-term evaluation.

IV

Schedule for the study programme in Chemistry

Doctoral School of Pure and Biological Science Study Programme: Chemistry						
Item	Objective	Description	PQF*	Term	ECTS	No of hours
OBLIGATORY ACTIVITIES WITHIN THE DOCTORAL SCHOOL OF EXACT AND NATURAL SCIENCES						
Doctoral seminar	Presentation of PhD student’s own results, scientific discussion Assessment: credit with a grade	P8S_WG P8S_UK P8S_KK	IV	3	30	
Professional skills development activities	PhD student selects 3 out of 5 modules: advanced computational and structural techniques; synthetic and analytical techniques; spectroscopic techniques; microscopic techniques; optional lecture (minimum. 3 ECTS points) Assessment: exam	P8S_WG P8S_WK P8S_UW P8S_UK	II-IV	9	90	
English language course at C1 level	Assessment: exam	P8S_UK	I-IV	8	60	
OPTIONAL JOINT ACTIVITIES FOR THE DOCTORAL SCHOOL OF EXACT AND NATURAL SCIENCES						
Doctoral School of Pure and Biological Sciences seminar	A monthly seminar with lectures in English delivered by invited Jagiellonian University researchers and guest researchers. Assessment: attendance	P8U	I-VIII	1	Minimum 6 seminars a year (2 hours x 6 meetings x 4 years = 48 hours)	

Modern foreign language course	As a second foreign language assessment: exam	P8S_UU	I-IV	4	60
Polish language for foreigners	Assessment: exam	P8S_UU	I-VIII	4	60
Soft skill and general knowledge development	PhD students selects course/s from a range of courses offered before a given academic year Assessment: credit	P8S_UW P8S_KR P8S_WK	I-VIII	1, 2 or 3	15, 30 or 60 contact hours
OPTIONAL ACTIVITIES TO DEVELOP PROFESSIONAL SKILLS					
General knowledge development	Lectures offered by the Polish Chemical Society, interchangeably with the Faculty seminars and the Doctoral School seminars; minimum 6 meetings a year Assessment: credit	P8S_WK P8S_UW P8S_KR	I-VIII	1	Minimum 6 seminars a year (2 hours X 6 meetings X 4 years = 48 hours
Professional skills development	Activities enhancing the development of competences relevant to implementing an individual research plan (e.g. summer schools, courses offered at other universities, including foreign universities Assessment: according to the course syllabus	P8S_UW	I-VIII	No more than 2	Established individually

ACTIVITIES TO DEVELOP TEACHING SKILLS					
Workshop course	Introductory course, enabling the implementation of didactic internship Assessment: credit with a grade	P8S_UU P8S_UO	II	5	30
Didactic internship			I-VIII	12	240
Additional training 1. The PhD students entering their study programme are required to complete training in Health and Safety in Education. 2. First Aid course by the end of 2 nd term. 3. The PhD students who plan research involving vertebrates are obliged to complete training to obtain appropriate licenses					

* Polish Qualification Framework (PQF) in accordance with the Regulation of the Minister of Science and Higher Education on the characteristics of the second degree learning outcomes for qualifications at the levels 6-8 of the Polish Qualifications Framework.

V Final provisions

The study programme Chemistry in the discipline of chemical sciences at the Doctoral School of Exact and Natural Sciences enters into force on the day of the adoption of the Resolution.