

**Polish–language Study Programme in Biophysics,  
in the discipline of Physical Sciences  
at the Doctoral School of Exact and Natural Sciences**

**I**

**General provisions**

1. The study programme in Biophysics 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 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 by the University regulations as accepted by the University Senate.
6. A PhD student submits an Individual Research Plan to the study programme manager after 12 months from the day of the commencement of the study programme.
7. A number of ECTS points (European Credit Transfer and Accumulation System) allocated to the study programme is a minimum of 40 points, of which a minimum of 24 ECTS points is collected by the end of the 4<sup>th</sup> term,
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 number of hours allocated to the internship programme must not exceed 60 hours per academic year. In special cases, the programme manager may decide to change the number of hours and the form of the occupational and didactic internship programme.

### 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 study programme manager a report on the implementation of the Individual Research Plan, which is accepted in writing by the supervisor/supervisors.
3. The study programme manager evaluates the implementation of the study programme and research programme on the basis of the information from the supervisor/s and a report from the University IT system.
4. Changing the Individual Research Plan, in particular changing or postponing some of the PhD student's duties to another date, requires the approval of the study programme manager.
5. The programme manager 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 4<sup>th</sup> semester, the PhD student shall be subject to the mid-term evaluation before a committee appointed by the director.
7. The evaluation dates are established by the programme manager.
8. 30 days before the scheduled committee meeting, the PhD student shall submit to the programme manager 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 Biophysics

Doctoral School of Exact and Natural Sciences Study Programme: Biophysics						
Item	Objective	Description	PQF*	Term	ECTS	No of hours
<b>OBLIGATORY ACTIVITIES AT THE DOCTORAL SCHOOL OF EXACT AND NATURAL SCIENCES (MINIMUM 16 ECTS POINTS)</b>						
English language	English course at C1 level for the PhD students who do not hold a C1 certificate or its equivalent, accepted by the Jagiellonian Language Center (JCJ) Assessment: <b>credit with a grade</b>		P8S_UK	I-II	4	60
Doctoral Seminar in Biophysics	Concerns issues related to the PhD student's research work; preparation for research work; participation in the exchange of ideas and scientific experience includes the PhD student's paper delivered at the seminar. Assessment criteria: PhD student's paper assessment and seminar attendance at a minimum of 4 meetings out of 5 Assessment: <b>credit with a grade</b>		P8S_WG P8S_UW P8S_UK P8S_UO	I-VIII	8 (2 x 4)	120
Tutorial with the supervisor	Individual research project preparation, verification of the work plan, preparation of presentations on the project, editorial work on publications. Assessment: <b>approval of the work progress by the supervisor</b>		P8S_WG P8S_UO P8S_KK P8S_KR	I-VIII	4 (1 x 4)	60

OPTIONAL JOINT ACTIVITIES FOR THE DOCTORAL SCHOOL OF EXACT AND NATURAL SCIENCES (MINIMUM 4 ECTS POINTS)					
Doctoral School of Exact and Natural Sciences Seminar	A monthly interdisciplinary seminar with lectures in English delivered by invited researchers. Assessment: <b>exam</b>	P8S_WG P8S_UW P8S_UK	I-VIII	4 (1 x 4)	Minimum 6 seminars a year
Modern foreign language	As a second foreign language Assessment: <b>exam</b>	P8S_UU	I-IV	4	60
Polish language for foreigners	Assessment: <b>exam</b>	P8S_UU	I-VIII	4	60
General knowledge development	Course/s selected from a range of courses offered before a given academic year, e.g. philosophy, ethics, artificial intelligence, cosmology. Assessment: <b>exam</b>	P8S_UW P8S_KR P8S_WK	I-VIII	2 for 30 hours	30 or 60
Soft skills and professional competences development	A course selected from a range of courses offered before a given academic year, e.g. career planning, managerial skills, business communication Assessment: <b>provided in the course syllabus</b>	P8S_WK P8S_KR P8S_KO	I-VIII	2 for 30 hours	30
OPTIONAL ACTIVITIES TO DEVELOP PROFESSIONAL SKILLS (MINIMUM 8 ECTS POINTS)					
Specialist course	Lectures on the contemporary research problems related to PhD student's own research work; may include lab classes, classes in calculating, workshops. Assessment: <b>exam</b>	P8S_WG P8S_KK	I-VI	1-2 for 15hours (minimum 6)	minimum 45

University didactics: foundation course	Theoretical preparation for work as an academic teacher: developing communication skills, knowledge transfer skills and assessment. Assessment: <b>credit (or other form defined by the course tutor)</b>	P8S_UU P8S_KR	I-VI	1 for 15 hours	15 or 30
University didactics: workshop	Didactic workshop in physical sciences Assessment: <b>credit</b>	P8S_UK	I-VI	1 for 15 hours	15 or 30
Courses and activities leading to attaining competences to accomplish Individual Research Plan (e.g. summer schools, courses completed at other universities, including foreign universities).	Assessment: <b>according to a course syllabus</b>	P8S_UW P8S_WG	I-VIII	depends on the activity's form	depends on the activity's form
<b>ACTIVITIES TO DEVELOP TEACHING SKILLS (MINIMUM 12 ECTS POINTS)</b>					
Occupational internship	Preparation for work as an academic teacher: developing communication skills and knowledge transfer skills Assessment: credit with a grade	P8S_UU P8S_KO	I-VIII	1 for 15 hours	180

\* 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 Biophysics in the discipline of physical sciences at the Doctoral School of Exact and Natural Sciences enters into force on the day of the adoption of the Resolution.