

**Earth and Environment Sciences
Polish-language Study Programme in Earth and
Environment Sciences at the Doctoral School of Exact
and Natural Sciences**

I

General provisions

1. The study programme in Earth and Environment Sciences has been established according to the Act of 20 July 2018 on the Law on Higher Education and Science 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 programme is conducted primarily in Polish.
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 supervisor 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 in the discipline of Earth and environment sciences is a minimum 40 points, with a minimum of 8 points to be obtained each year.
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. Occupational internships programmes are 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 an occupational internship programme must not exceed 60 hours per academic year.

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 supervisor submits to the Head of PhD programme written information on the implementation of the individual research plan and the assessment of the PhD student's progress.
3. The Head of PhD programme assesses the implementation of the study programme and research programme on the basis of the information from supervisors and a report from the University IT system.
4. Changing an Individual Research Plan, in particular changing or postponing some of the PhD 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 semester, the PhD student shall be subject to the mid-term evaluation before a committee appointed by the director.
7. The evaluation date, is 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. 9. Mid-term evaluation committee meetings shall be attended by committee members and the PhD student in the parts to which he was invited.

IV Schedule for the study programme in Earth and Environment Sciences

| Doctoral School of Exact and Natural Sciences Study Programme: Earth and Environment Sciences | | | | | | |
|--|---|-------------|------------------------|------|------|-------------|
| Item (Obligatory/Optional) | Objective | Description | PQF* | Term | ECTS | No of hours |
| A. SEMINAR | | | | | | |
| A1. Doctoral school seminar (Ob) | Determining progress in the preparation of the doctoral dissertation. Assessment: credit. [Obligatory module, presentation of a paper and participation in a discussion at an open scientific seminar on the subject of "The state of research in the field of the doctoral dissertation." Assessment (credit) is made by a commission appointed by the Head of PhD programme] | | P8U_W P8U_U P8_K | I | 2 | 10 |
| A2. Doctoral school seminar (Ob) | Determining progress in the preparation of the doctoral dissertation. Assessment: credit. [Obligatory module, presentation of a paper and participation in a discussion at an open scientific seminar on the subject of "Purpose, scope and methodology of the planned dissertation against achievements in the field." Assessment (credit) is made by a commission appointed by the Head of PhD programme] | | P8U_W P8U_U P8_K | II | 2 | 10 |
| A3. Doctoral school seminar (Ob) | Determining progress in the preparation of the doctoral dissertation. Assessment: credit. [Obligatory module, presentation of a paper and participation in a discussion at an open scientific seminar on the subject of "Preliminary results of research in the ongoing doctoral dissertation." Assessment (credit) is made by a commission appointed by the Head of PhD programme] | | P8U_W P8U_U P8_K | III | 2 | 10 |
| B. JOINT OPTIONAL ACTIVITIES FOR THE DOCTORAL SCHOOL OF EXACT AND NATURAL SCIENCES (MINIMUM 4 ECTS POINTS) | | | | | | |
| B1. Polish for foreigners (Op) | Polish for foreigners. Assessment: exam | | P8U_U | I-II | 4 | 60 |
| B2. Second foreign language (Op) | Foreign language. Assessment: exam | | P8U_U | I-II | 4 | 60 |

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|--|--|----------------|------|---|----|
| B3. Soft skills And general knowledge (Op) | Lectures (courses) or workshops selected from the list of courses announced before a given academic year. Assessment: credit . [Credit given by the Head of PhD programme based on a PhD student's statement. 1 ECTS for each 15 hours, maximum of 4 ECTS] | P8U_U P8U_K | I-IV | 4 | 60 |
| B4. Doctoral School of Exact and Natural Sciences Seminar (Op) | A monthly interdisciplinary seminar with English lectures conducted by the University faculty and by invited researchers. Assessment: attendance [Credit granted by the Head of PhD programme based on a PhD student's declaration. 1 ECTS per academic year, which amounts to participating in minimum of 6 seminars] | P8U | I-IV | 4 | 60 |
| C. PERSONAL DEVELOPMENT | | | | | |
| C1. English language course (Ob) | Acquiring language skills in English at C1 level. Form of assessment: examination or other confirmation of competence . [Obligatory module, credit from the Head of PhD programme based on the document provided] | P8U_U | I-II | 4 | 60 |
| C2. Fields of natural and exact sciences research (Ob) | Exploring current research problems in natural and exact sciences in the world. Assessment: credit . [Participation in lectures / seminars / conferences / courses (including courses at 2nd degree studies at other departments) devoted to current problems and progress of natural and exact sciences. Credit granted by the the Head of PhD programme based on a PhD student's statement] | P8_W | I-IV | 2 | 30 |
| C3. Methodology workshop (Ob) | Acquiring the ability to conduct research appropriate for the selected subdiscipline of Earth Sciences. Assessment: credit . [Participation in a methodology course or individual study of research methods under the supervision of a selected faculty member, for about 30 hours, credit granted by the Head of PhD programme based on the document / certificate provided] [Obligatory module, Acquiring the skills necessary to prepare and acquire research projects and techniques for writing scientific texts in the form of selected classes or individual work. Credit granted by the Head of PhD programme based on a grant awarded to the PhD student (as the manager) (NCN, EU funds) OR the publication of a PhD student's article in the journal from the A list of the Ministry of Science and Higher Education, in which he is the first author and correspondent author] | P8_W P8_U | I-II | 2 | 30 |
| C5. Humanistic competencies (Op) | Developing humanistic competencies. Assessment: credit . [Participation in activities developing humanities interests. Credit granted by the Head of PhD programme based on a PhD student's statement. Examples: philosophy of science, rhetoric, psychology, Japanese culture, Mediterranean archeology] | P8_K | I-IV | 2 | 30 |

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|---|---|----------------|----------------|----|-----|
| C6. Personal competence (Op) | Developing personal skills. Assessment: credit . [Participation in activities developing interpersonal competences. Credit granted by the Head of PhD programme based on a PhD student's statement. Examples: group psychological workshops, assertiveness training] | P8_K | I-IV | 2 | 30 |
| C7. PhD internship (Op) | Preparation for employment. Assessment: credit . [Internship (minimum of 1 month) in a foreign research center OR in an institution (Polish or foreign) conducting research and development work. Credit granted by the Head of PhD programme based on a PhD student's statement] | P8_W | II-IV | 4 | 60 |
| C8. Physical development (Op) | Physical activity of choice (sport), two hours a week. Assessment: credit . [Credit granted by the Head of PhD programme based on a PhD student's statement, 1 ECTS for each semester, max. 4 semesters] | P8_K | I-IV | 4 | 120 |
| D. TEACHING PRACTICE | | | | | |
| D1. Teaching practice (Ob) | Preparation for academic teaching, developing communication skills and knowledge transfer. Assessment: credit . [Obligatory module, preparation and conducting or co-conducting of classes at the university in the amount of 60 hours per year, 3 ECTS for each year] | P8U_U P8U_K | I, II, III, IV | 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 completed by the end of the second 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 the qualifications at the levels 6-8 of the Polish Qualifications Framework.

V Final provisions

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