

The primary objective of the Doctoral School at the University of Silesia in Katowice, hereinafter referred to as the Doctoral School, is to create optimal conditions for doctoral students to conduct research. Along with acquiring research competences and strengthening scientific independence, the doctoral student's skills and social competences will be developed, including project management, research group management, work in a research group, teaching skills in working with students, public speaking skills, formulating research hypotheses or critical reading of scientific articles. In addition, selected qualifications corresponding to the requirements of the labour market outside the academic environment will be developed at the Doctoral School.

The main assumptions of the curriculum:

- the curriculum will include mandatory modules and "optional" modules, resulting from the specificity of a given discipline or the needs of a given group of doctoral students, as well as a doctoral seminar, expert tutoring and professional internship in the form of conducting classes,
- mandatory modules include primarily the development of communication competences, competences related to knowledge transfer, didactic competences related to the process of teaching and learning, competences in project work, including management and consulting competences,
- the achievement of learning outcomes is verified in the form of credits - most of them are project-based and can be carried out on-site or remotely,
- classes within the mandatory modules are organized in the form of integrated blocks,
- elective courses are offered every year, they can also be pursued as part of summer schools or other forms of education, by participating in courses from the Master's degree programs of the University of Silesia and in courses for doctoral students organized at other Polish and foreign universities,
- the curriculum can be expanded with courses in the areas proposed by doctoral students,
- classes are conducted in a stationary, remote or hybrid form,
- the doctoral seminar results from the specificity of the conducted scientific research and may involve the participation of the doctoral student in specialized courses indicated by the supervisor,
- after the first, second and third year, the education of the doctoral student is evaluated.

The curriculum of the Doctoral School from the academic year 2023/2024:

Modules completed throughout the entire period of education - obligatory for each year:

Modules	Description	Learning outcomes	Type of classes	Number of hours	ECTS
Doctoral seminar	Work on the research plan, as well as preparation by the doctoral student, under the substantive supervision of the supervisor or supervisors, of the concept of the doctoral thesis, and then independent writing under the scientific supervision of the supervisor or supervisors of the doctoral thesis. In addition, the purpose of the seminar is to improve research-related academic skills, including: using scientific literature, conducting scientific research, writing and documenting scientific texts.	P8S_WG; P8S_UW; P8S_KR; P8S_UU	seminar	30 in each academic year	160
Professional internship	Professional internship is aimed at introducing doctoral students to the role of academic teachers. Doctoral students have a chance to put their knowledge in the field of university teaching into practice. First-year doctoral students participate in teaching from 10 to 60 hours. Doctoral students of subsequent years complete internships ranging from 10 to 60 hours in the form of conducting or participating in conducting classes.	P8S_UU P8S_KO	professional internship	10 - 60 in each academic year	4–24

Modules to be completed during the first year of education:

Modules	Description	Learning outcomes	Type of classes	Number of hours	ECTS
Research methodology	Presentation to doctoral students of various aspects of the organization of the scientific work and research methods characteristic for a given area, discipline and sub-disciplines.	P8S_WG; P8S_UW	tutorial	30	5
Higher education teacher	The module is addressed to doctoral students as future academic teachers, for whom knowledge in the field of planning and execution of an effective implementation of the education process at a university is an essential element of professional competence. Classes cover the issues of modern general didactics, neurodidactics, sociology, psychology - taking into account the course of effective learning and relationship building (didactic triangle). The module consists of: 1) classes introducing basic theoretical content in the form of tutorials and workshops, taking into account the practical application of appropriate methods and work models, including group process, project method, use of digital tools, learning models, Kolb's cycle; 2) degree programme didactics	P8S_UK; P8S_UU	tutorial	20	3

Modules to be completed before mid-term evaluation:

Modules	Description	Learning outcomes	Type of classes	Number of hours	ECTS
Research ethics	Familiarising doctoral students with a wide spectrum of contemporary problems related to research ethics. In particular, the module will cover standards on plagiarism and good scientific practice, as well as standards and legal requirements regarding the protection of research participants and the processing of personal data.	P8S_WK; P8S_KR	tutorial	10	2
Preparation and implementation of a research project (grants)	The classes are aimed at presenting doctoral students with various sources of financing research projects - domestic and foreign - working on the preparation of doctoral students' projects, as well as familiarising doctoral students with methods of implementation and methods of project management.	P8S_WG; P8S_UW; P8S_UO; P8S_UU; P8S_KR	tutorial	30	5
Doctoral workshops - presentation of the research plan	As part of the workshops, doctoral students present Individual research plans and the results of their research.	P8S_UO; P8S_UU; P8S_UK	workshop	10	2

Modules to be completed by the end of education:

Modules	Description	Learning outcomes	Type of classes	Number of hours	ECTS
Planning a scientific career	Improving various types of soft skills needed for planning and developing a scientific career and effective cooperation in research teams (also interdisciplinary and international).	P8S_WK P8S_UK; P8S_UO; P8S_UU	tutorial	8	1
Intellectual property law and copyright law	The module concerns general knowledge in the field of legal regulations in force in Poland related to the protection of intellectual property - against the background of European and international law.	P8S_WK; P8S_KR	tutorial	15	2
Academic English	The classes prepare for working with a scientific text in English, self-editing the results obtained, preparing publications and speeches in English, and contacts with foreign researchers. In the case of scientific disciplines where the primary language is a language other than English, it is possible to organize a module for this foreign language.	P8S_UK	tutorial	40	4
Preparation of scientific texts and critical analysis of the text	The classes will familiarize doctoral students with various forms of scientific texts, as well as develop the ability to critically analyse texts. They should constitute preparation for writing scientific dissertations, essays, articles, reports and grant applications, as well as popular science texts.	P8S_UW; P8S_UK; P8S_KK; P8S_KO	tutorial	20	2
Popularization of science	The classes are intended to familiarize doctoral students with various modern forms of disseminating scientific research, as well as to improve the skills of presenting research results in a popular science manner.	P8S_UW; P8S_UK P8S_KO	workshop	5	1
Expert tutoring	This module is carried out in the form of meetings between a doctoral student and an academic teacher selected by him/her and agreed with the supervisor or supervisors, whose scientific achievements are close to the interests of the doctoral student. Its purpose is, among others, assistance in building the methodological background of the doctoral thesis. Throughout the entire education cycle, the doctoral student should complete three classes with a tutor, 10 hours each.	P8S-WG P8S_UU; P8S_UK	tutoring	30 (3x10)	9
Elective modules	Doctoral students, together with the supervisor, select specialist modules based on the Individual research plan. These modules are selected from the list of course modules prepared by the Doctoral School, including classes conducted during the so-called summer school or available in a master's degree program at the University of Silesia in Katowice or outside it.	P8S_UU; P8S_UW; P8S_WG	*	*	8

Duties to be performed outside courses:

Task	Description	Learning outcomes	Form of completion	ECTS
Submission of a grant application	Submission in a competition or a programme of an application for a project aimed at financing a significant part of the doctoral student's research. The doctoral student should be the project manager or its significant contractor.	P8S_UO	Credit by the area coordinator	4
Internationalization of research	Participation in a foreign scientific internship lasting at least 7 days or presentation of research results at a foreign scientific conference.	P8S_UK	Credit by the area coordinator	4
Area seminar	Presentation and discussion on research results at seminars open to the entire academic community.	P8S_UK P8S_UO	Credit by the seminar supervisor	4

Organization of courses within the curriculum:

- the dean of the Doctoral School is responsible for the organization of mandatory and elective courses;
- the list of proposed elective courses is presented to the Dean of the Doctoral School by the deputy deans of faculties competent for education. This list is supplemented by the Dean of the Doctoral School with modules commissioned outside the University and modules taught by visiting professors;
- the deans of the faculties of the University of Silesia in Katowice, competent for the discipline of a given doctoral student, are responsible for the assignment of classes for doctoral students as part of professional internship.