DOCTORAL SCHOOL EDUCATIONAL PROGRAM

AREAS	Architecture and urban planning, Economics and finance, Medical sciences, Political and administrative sciences, Family sciences, Management and quality sciences, Health sciences, Legal sciences, Pedagogy, Psychology, International relations

GENERAL CHARACTERISTICS OF THE STUDIES	
Name	Doctoral School
Field	Engineering and technical sciences, medical and health sciences, family sciences, social sciences
Disciplines	Architecture and urban planning | Economics and finance | Medical sciences | Political and administrative sciences | Family sciences | Management and quality sciences | Health sciences | Legal sciences | Pedagogy | Psychology | International relations
Mode	Hybrid (stationary and online)
Term	4 years
Language of education	English

LEARNING OUTCOMES

The learning outcomes take into account the universal first-degree descriptors defined in the Act of 22 December 2015 on the Integrated System of Qualifications *(Journal of Laws of 2018, item 2153*) and the second-degree descriptors defined in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the second-degree descriptors of learning outcomes for qualifications at levels 6-8 of the Polish Qualification Framework *(Journal of Laws of 2018, item 2218*). Graduates of doctoral studies obtain a full qualification at level 8 of the Polish Qualification Framework (PQF 8).

Symbol	**Learning outcomes**	**Reference to PQF level 2 characteristics within higher education, level 8**
KNOWLEDGE Knows and understands		
SD_WG01	world scientific achievements, including theoretical foundations and selected general and specific issues specific to a given scientific discipline to the extent that existing paradigms can be revised	P8S_WG
SD_WG02	the main currents and trends in the development of scientific disciplines in which the education takes place	P8S_WG

SD_WG03	methodology of scientific research, with particular emphasis on research in the social sciences and quantitative and qualitative research	P8S_WG
SD_WG04	forms and principles of dissemination of the results of scientific activity, including *open access*	P8S_WG
SD_WG05	principles of academic didactics and contemporary methods and ways of teaching	P8S_WG
SD_WK01	economic, legal, ethical and other relevant conditions of scientific activity, as well as the fundamental dilemmas of modern civilization requiring scientific research	P8S_WK
SD_WK02	the basic principles of knowledge transfer to the economic and social sphere and commercialization of the results of scientific activity and know-how related to these results	P8S_WK
SD_WK03	principles of conducting research activities, including those based on grant applications, and is aware of the open grant competitions	P8S_WK
SKILLS Is able to		
SD_UW01	implement knowledge from various fields of science to creatively identify, formulate and innovatively solve complex problems or perform tasks related to research	P8S_UW
SD_UW02	define the purpose and object of scientific research, formulate research hypotheses, develop methods, techniques and research tools and creatively apply them	P8S_UW
SD_UW03	make a critical analysis and evaluation of the results of scientific research, expert activities and other works of a creative nature and their contribution to the development of knowledge	P8S_UW
SD_UW04	transfer the results of scientific activity to the economic and social sphere	P8S_UW
SD_UK01	communicate on specialized topics to a degree that allows active participation in the international scientific community	P8S_UK
SD_UK02	present research results, disseminate them at conferences, symposia and scientific seminars domestically and abroad	P8S_UK
SD_UK03	initiate debate and actively participate in scientific discourse	P8S_UK
SD_UK04	write a scientific article and prepare a paper for a scientific conference	P8S_UK
SD_UK05	speak a foreign language at a level of at least B2 of the Common European Framework of Reference for Languages, to the extent that allows participation in an international scientific and professional environment	P8S_UK
SD_UO01	plan and implement individual and team research or creative projects, including in an international environment	P8S_UO
SD_UU01	independently plan and act for their own development and inspire and organize the development of others	P8S_UU
SD_UU02	plan classes or groups of teaching activities and implement them using modern methods and tools	P8S_UU
SOCIAL COMPETENCIES They are prepared to		
SD_KK01	critically evaluate achievements within a given scientific discipline, as well as critically evaluate one's own contribution to its development	P8S_KK

SD_KK02	recognize of the importance of scientific knowledge in solving cognitive and practical problems	P8S_KK
SD_KO01	fulfill the social obligations of researchers and creators, and initiate actions for the public interest, as well as think and act in an entrepreneurial manner	P8S_KO
SD_KR01	uphold and develop the ethos of the research and creative communities and conduct scientific activities in an independent manner	P8S_KR
SD_KR02	respect the principle of public ownership of the results of scientific activity, as well as respect copyright law and the principles of intellectual property protection	P8S_KR

DOCTORAL EDUCATION AT THE VIZJA UNIVERSITY SCIENCE FEDERATION

The educational plan is the same for all disciplines in which the Doctoral School operates. However, the specific program content offered within each discipline may be different and may change annually.

The educational plan is spread over four years (eight semesters) and is divided into four blocks (modules). Courses in each block (module) are divided into compulsory (OB), elective (DW) and additional own activity (AW), supplementary to that related to the individual research plan.

Compulsory courses (Blocks 1 and 2) are the basis of the educational program. Doctoral students are required to pass all compulsory courses and obtain 54 ECTS credits from them in the whole educational process.

Activities in the area of scientific development (Block 3) - doctoral students carry out activities related to the presentation of their own scientific, research and organizational development. Within the framework of the Doctoral Students Scientific Session they present, in a joint meeting of all doctoral students, their own research projects and their discussion with other doctoral students and academics. The results of their research will be presented and a discussion with other doctoral students and academics of UEHS will be carried out. In the Seminar of Discipline, they present and discuss selected research and scientific texts that are most important for the discipline. From the block of classes in the area of scientific development, 10 ECTS credits must be obtained in the full cycle of education.

Additional own activity (Block 4) is the need to pass each of the activities shown in Block 4 (items 1-5 in Table 4) of the educational plan, as well as an obligatory course in career development and creativity in science. Implementation of an personal scientific grant (item 6 in Table 4) is recommended, taking into account the possibility of obtaining a grant by the doctoral student. No ECTS points are awarded for additional own activity.

Not included in the educational plan, the main own activity is the implementation of an individual research plan, which is the basis, required by the Act, for a separate mid-term grade.

DESCRIPTION OF INDIVIDUAL BLOCKS (MODULES) OF EDUCATION BLOCK

(MODULE) 1
ACADEMIC SKILLS

Courses in Block 1 (Table 1) are designed to enable the acquisition and development of skills necessary for, among other things:

- planning, preparation and settlement of established scientific and research plans,
- to present research results in scientific publications and in speeches at conferences, symposia or scientific seminars domestically and abroad,
- preparation of proposals for obtaining funds for research projects (research grant applications).

Within the framework of this block (module) of courses, doctoral students acquire knowledge of, among other things: scientific research planning, academic writing, also in English, preparation of conference speeches and grant applications, ethics in science and respect for intellectual property, and research integrity. This block also carries out compulsory teaching practice (lecturing), amounting to 60 hours per year, i.e., a total of 240 hours for the entire period of doctoral studies.

Table 1. List of courses in Block 1

No.	Name	Form	Semester	Total number of hours	Total ECTS credits	Type
1.	Didactics in higher education	Lecture	I	8	2	OB
2.	Ethics in science, copyright and intellectual property	Lecture	I	15	2	OB
3.	Scientists' skills – preparation and publication scientific works	Workshops Tutorial	I	15	2	OB
4.	Academic writing (in English)	Workshops Tutorials	II-VIII	56	7	OB
5.	Scientists' skills – obtaining grants	Workshops Tutorials	III	8	2	OB
6.	Scientists' skills – public speaking	Workshops Tutorials	III	8	2	OB
7.	Scientists' skills – transfer of knowledge and scientific research	Workshops Tutorials	VI	8	2	OB
8.	Teaching practice	Practice – teaching classes	II, IV, VI, VIII	240	12	OB
Total for Block 1				**358**	**31**	
Learning outcome symbols for Block 1 classes						
KNOWLEDGE	SD_WG01; SD_WG02; SD_WG04; SD_WG05; SD_WK01; SD_WK02; SD_WK03					

SKILLS	SD_UW01; SD_UW02; SD_UW03; SD_UW04; SD_UK01; SD_UK02; SD_UK03; SD_UK04; SD_UK05; SD_UO01; SD_UU01; SD_UU02
SOCIAL COMPETENCIES	SD_KK01; SD_KK02; SD_KR01; SD_KR02

BLOCK (MODULE) 2
RESEARCH METHODOLOGY AND RESEARCH ACTIVITY

The purpose of Block 2 rouses (Table 2) is to provide doctoral students with advanced methodological and research knowledge of applied methods, techniques, research tools and programs supporting data analysis used in research. Among the classes are courses in research methodology and planning, and quantitative and qualitative data analysis. Doctoral seminars (consultations with a supervisor, analysis of progress) are also mandatory. Their number and dates of meetings are determined by the doctoral student's/doctoral supervisor.

As part of the mandatory own activity, at the end of the second semester, within the "Doctoral seminar - progress analysis", doctoral students must submit an individual research plan (agreed with the supervisor), which can be discussed at an open meeting of the Scientific Council of the discipline, as well as a schedule for the preparation of the dissertation.

Table 2. List of courses in Block 2

No.	Name	Form	Semester	Total number of hours	Total ECTS credits	Type
1.	Research methodology and research methods	Lecture	I, II, III	45	9	OB
2.	Doctoral seminar – research plan and progress analysis	Seminar	II-VIII	56	7	OB
3.	Doctoral seminar – consultation with a supervisor	Seminar	II-VIII	56	7	OB
Total for Block 2				**125**	**19**	
Learning outcome symbols for Block 2 classes						
KNOWLEDGE	SD_WG01; SD_WG02; SD_WG03; SD_WK01; SD_WK03					
SKILLS	W02; SD_UW03; SD_UK01; SD_UK02; SD_UK03; SD_UK04; SD_UK05; SD_UO01; SD_UU01; SD_UU02					
SOCIAL COMPETENCIES	SD_KK01; SD_KK02; SD_KR01; SD_KR02					

BLOCK (MODULE) 3
SCIENTIFIC DEVELOPMENT

Classes in Block 3 are activities carried out as part of a doctoral student's scientific and research development path. Doctoral students present and discuss their own and others' scientific and research achievements. Doctoral students must pass a given activity in each of the indicated semesters (Table 3). In the case of joint classes, credit is given for own activity and joint activity (academic discussions).

Table 3. List of activities in Block 3

No.	Name	Form	Semester	Total number of hours	Total ECTS credits	Type
1.	Doctoral Students Scientific Session	Seminar	III, V and VII	24	6	DW
2.	Seminar of Discipline	Seminar	IV	16	4	DW
Total for Block 3				**40**	**10**	

KNOWLEDGE	SD_WG01; SD_WG02; SD_WG03; SD_WK01; SD_WK03
SKILLS	SD_UW01; SD_UW02; SD_UW03; SD_UK01; SD_UK02; SD_UK03; SD_UK04; SD_UK05; SD_UO01; SD_UU01; SD_UU02
Social competencies	SD_KK01; SD_KK02; SD_KR01; SD_KR02

BLOCK (MODULE) 4 ADDITIONAL OWN ACTIVITY (BEYOND THE INDIVIDUAL RESEARCH PLAN)

According to the Act, basic own activity is subject to a separate mid-term evaluation. This is primarily an evaluation of the implementation of the individual research plan. It is not included in the education plan.

However, the education plan includes additional activities of its own. Doctoral students are required to pass each activity from those listed in Table 4 in items 1-5 during the entire education cycle, and it is mandatory to take a course in scientific career development and creativity in science, which can be conducted using distance learning methods and techniques (in Polish or English). Implementation of an own

grant (item 6 in Table 4) is recommended, taking into account the possibility of obtaining a grant by a doctoral student.

Table 4. List of courses in Block 4

No.	Name	Form	Semester	Total number of hours	Type
1.	Participation in research work at the university		II-VIII	---	AW
2.	Participation in scientific sessions or conferences		II-VIII	---	AW
3.	Participation in a research-related placement		II-VIII	---	AW
4.	Submission of an application for a self-grant		II-VIII	---	AW
5.	Organisational activities - social responsibility of science		II-VIII	---	AW
6.	Implementation of own grant		II-VIII	---	AW
Learning outcome symbols for Block 4 courses					
KNOWLEDGE	SD_WG01; SD_WG02; SD_WG03; SD_WG04; SD_WG05; SD_WK01; SD_WK02; SD_WK03				
SKILLS	SD_UW01; SD_UW02; SD_UW03; SD_UW04; SD_UK01; SD_UK02; SD_UK03; SD_UK04; SD_UK05; SD_UO01; SD_UU01; SD_UU02				
SOCIAL COMPETENCIES	SD_KK01; SD_KK02; SD_KO01;SD_KR01; SD_KR02				

FRAMEWORK PLAN DIVIDED INTO SEMESTERS
UNIVERSITY OF ECONOMICS AND HUMAN SCIENCES IN WARSAW

YEAR OF EDUCATION (first year of education) **2025/2026**
NAME OF STUDIES **DOCTORAL SCHOOL**

COURSES	Type and form	Type of credit	Total number of hours	HOURS PER SEMESTER								ECTS credits total
				I	II	III	IV	V	VI	VII	VIII	
BLOCK 1: ACADEMIC SKILLS			**358**									**31**
Didactics in higher education	OB/W	zal	**8**	8								**2**
Ethics in science, copyright and intellectual property	OB/W	zal	**15**	15								**2**
Scientists' skills – preparation and publication scientific works	OB/WS/Ć	zal	**15**	15								**2**
Academic writing (in English)	OB/WS/Ć	zal	**56**		8	8	8	8	8	8	8	**7**
Scientists' skills – obtaining grants	OB/WS/Ć	zal	**8**			8						**2**
Scientists' skills – public speaking	OB/WS/Ć	zal	**8**			8						**2**
Scientists' skills – transfer of knowledge and scientific research	OB/WS/Ć	zal	**8**						8			**2**
Teaching practice	OB/PR	zal	**240**		60		60		60		60	**8**
BLOCK 2: RESEARCH METHODOLOGY AND RESEARCH ACTIVITY			**157**									**23**
Research methodology and research methods	OB/W	zal	**45**	15	15	15						**9**
Doctoral seminar – research plan and progress analysis	OB/Sem		**56**		8	8	8	8	8	8	8	**7**
Doctoral seminar – consultation with a supervisor	OB/Sem		**56**		8	8	8	8	8	8	8	**7**
BLOCK 3: ELECTIVES			**40**									**10**
Doctoral Students Scientific Session	DW/Sem	zal	**24**			8		8		8		**6**
Seminar of Discipline	DW/Sem	zal	**16**				8		8			**4**
BLOCK 4: ADDITIONAL OWN ACTIVITY (BEYOND THE INDIVIDUAL RESEARCH PLAN)												
Participation in research work at the university	AW											
Participation in scientific sessions or conferences	AW											
Participation in a research-related placement	AW											
Submission of an application for a self-grant	AW											
Organisational activities - social responsibility of science												

Implementation of own grant	AW											
SUMMARY												
COMPULSORY COURSES			**515**	53	99	55	84	24	92	24	84	**54**
ELECTIVES			**40**	0	0	8	8	8	8	8	0	**10**
TOTAL			**555**	53	99	63	92	32	100	32	84	**64**

Acronyms used: OB – compulsory courses; DW – elective courses; AW – own activity; W – lectures; WS – workshops; Ćw – tutorial; PR – practice; Sem – doctoral seminar; e-learn – classes on an e-learning platform; online – classes using distance learning methods and techniques.

DESCRIPTIONS OF COMPULSORY COURSES

BLOCK (MODULE) 1
ACADEMIC SKILLS

DIDACTICS IN HIGHER EDUCATION

This course is designed to expand the knowledge and skills of doctoral students in the field of pedagogical (didactic) planning, analysis and evaluation of the educational process, as well as the determination and evaluation of their effects. Issues concerning the regularities and conditions of the teaching-learning process will be discussed.

ETHICS IN SCIENCE, COPYRIGHT AND INTELLECTUAL PROPERTY

The lecture is aimed at presenting the main issues of academic ethics, taking into account its role in contemporary moral thinking. The main content of the lecture will be an analysis of the basic concepts and methods used in this field and a presentation of normative theories. Specific examples of the application of ethical principles in practice will be discussed during the class. In the field of copyright and intellectual property, on the other hand, basic knowledge of copyright and related rights in relation to research and teaching activities will be provided. As a result, the doctoral student will gain knowledge regarding plagiarism and the principles of proper use of the work of others.

SCIENTISTS' SKILLS – PREPARATION AND PUBLICATION SCIENTIFIC TEXTS

The course is designed to familiarize doctoral students with publication practices in the social sciences and equip them with skills useful in their own publication activities. Using examples, the basic principles of writing, submitting for publication and reviewing scientific articles will be discussed, as well as the most important databases and tools for navigating the international scientific circuit. Familiarization with various styles of preparation of scientific papers (APA, AMA, Chicago, Harvard, MLA). The role of bibliometric indicators and their alternatives in modern systems of evaluation of scientific activity will also be discussed, as well as their impact on the publication strategies of scientific institutions and individual researchers.

ACADEMIC WRITING

This workshop will teach doctoral students how to successfully communicate the results of their research on a particular topic to the academic audience as well as aiming to help them to improve their writing skills. It will offer its participants the opportunity to work on their own academic papers and develop them from first ideas to early drafts. After choosing the topic of their papers and framing them, the attendees will be assisted in developing a detailed outline of their work by the teacher and through peer support. The students will learn how to properly structure

their papers, develop the required sections, select sources and prepare the content. The workshop will also present the features of academic style and the recommended ways of referencing and formatting. The students will be advised how to choose a proper academic outlet and an effective publication strategy for their planned papers. They will learn about a reviewing process to be able to critically assess their work and deal effectively with future reviews. The article outlines can be prepared by the students either in English or in Polish.

SCIENTISTS' SKILLS – OBTAINING GRANTS

The aim of the course is to provide doctoral students with knowledge of the principles of constructing research projects financed from external sources. Doctoral students will gain the ability to effectively prepare grant proposals, which will increase the percentage of successful applications. As part of the class, part of the time will be devoted to the principles of grant accounting.

SCIENTISTS' SKILLS – PUBLIC SPEAKING

The course is designed to enhance doctoral students' public speaking skills by teaching them the principles and best practices that should accompany the preparation and delivery of speeches. Doctoral students will learn the theory and practice of effective public speaking.

SCIENTISTS' SKILLS – TRANSFER OF KNOWLEDGE AND SCIENTIFIC RESEARCH

Activities to develop knowledge-sharing skills. Their goal is to learn about opportunities related to knowledge transfer from universities to businesses, public institutions and NGOs. Knowledge of this type of *know-how* is unique, specific to a particular organization (such as a university). *Know-what* , however, includes definitions of concepts, descriptions and professional terminology. Depending on the nature of the knowledge being transferred and its audience, the methods of transfer may vary.

TEACHING PRACTICE

The teaching practice can begin at the earliest during the second semester of studies (after taking the first classes in Didactics in Higher Education). Part of the practice may take place in the form of individual teaching workshops on the methodology and workshop of a university teacher. However, the basis of the teaching practice is the participation of the doctoral student in classes taught by the promoter (supervisor) or a designated didactician, as well as in the form of classes taught independently by the doctoral student.

BLOCK (MODULE) 2
METHODOLOGY OF RESEARCH IN SOCIAL SCIENCES

RESEARCH METHODOLOGY AND RESEARCH METHODS

Methodology is the science that deals with the cognitive activities of scientific research and the so-called cognitive products (results and effects) of these activities. It is also defined as the science of logic, research, methods, research procedures, procedures and types of inference used in a particular scientific discipline (legal science, psychology, economics and finance, political science and administration). Thus, the course will be oriented towards the description of research methods used in the social sciences, rules and procedures of research procedure. The course will provide the theoretical basis for solving a problem with the right method, group of methods or the best way to solve the problem. Thus, the aim of the course is to provide doctoral students with structured knowledge and skills that will enable them to acquire knowledge related to the methodology of the social sciences and understand the basic concepts used in methodology, knowledge of the main research approaches in the social sciences, the structure of the research process, the use of models and research methods.

The course will be devoted to the application of methods of statistical analysis in interpreting the results of quantitative social research, preparing doctoral students for their direct use in scientific work, including the preparation of a doctoral dissertation, as well as the correct planning and interpretation of their own research. The class will cover the topic of advanced models used in modeling quantitative data. The class will cover various methods of data analysis. The course will present quantitative analysis methods specific to the field of social sciences.

The course will focus on the methodology of qualitative research in social sciences. During the course, the principles of using qualitative methods will be presented and the following steps of conducting qualitative research will be discussed: defining research problems, selecting specific methods for research problems (e.g., individual interviews, group interviews, ethnographic interviews), creating research schemes, selecting projective and supportive techniques, conducting interviews and principles of data analysis.

DOCTORAL SEMINAR – RESEARCH PLAN AND PROGRESS ANALYSIS DOCTORAL SEMINAR – CONSULTATION WITH SUPERVISOR

The doctoral seminar is organized separately for each discipline and is conducted in the form of individual consultations with a research supervisor. Within its framework, each doctoral student develops an individual research plan, and has the opportunity to present the results of their research and discuss them with other doctoral students and academics. The course is tailored to the specifics of the doctoral student and the dissertation being prepared. The course will consider practical issues (e.g., the selection of appropriate research methods) and discussions of the current state of knowledge in the discipline and the dissertation's research questions and hypotheses

formulated on this basis. It may also include work on preparing an application to obtain a research grant.

BLOCK (MODULE) 3
SCIENTIFIC DEVELOPMENT

DOCTORAL STUDENTS SCIENTIFIC SESSION

The Doctoral Students Scientific Session has the objectives of substantive presentation of scientific and research development of doctoral students and creation of a platform for integration of doctoral students from different disciplines represented in the doctoral school. It provides doctoral students with the opportunity and obligation to present their own research projects (own NCN applications/grants, other applications/grants of their own, joint grants (obligatory participation of the doctoral student), other grant activities) and other research activities and their discussion with other doctoral students and academics. As part of the session, each doctoral student is required to present the results of his/her research and their discussion with other doctoral students and academic staff of UEHS. Sessions are held in the form of a seminar lasting one/two days. The seminar sessions are joint. To ensure adequate time for presentations and discussions, the work can be organized in the form of parallel seminar tracks. The organization is carried out by doctoral students. The way the seminar is organized, the students agree with the dean of the faculty and the Director of the Doctoral School. The seminar can be organized for several doctoral students and can be organized repeatedly. Doctoral students are required to invite members of the UEHS Academic Council to participate in the seminar. Inclusion of the seminar during the third, fifth and seventh semesters allows for the presentation of mature (including a significant part of the results) dissertation projects. In addition, based on the results of the discussion, the doctoral students have the opportunity to make possible revisions to the dissertation.

SEMINAR OF DISCIPLINE

The seminar is organized separately by students from each scientific discipline. The students agree on the method of organization with the dean of the faculty and the Director of the Doctoral School. The aim of the Seminar of Discipline is to discuss selected research and scientific texts that are most important for the discipline. Seminar issues are agreed upon with the dean of the faculty or his/her designee and are developed and presented by doctoral students. Doctoral students take an active part in the discussion of selected issues. Individual parts of the seminar (there may be several) may be conducted by different academics specializing in the particular research problems discussed. The entire seminar is coordinated by an employee designated by the dean of the faculty.