EDUCATIONAL PROGRAM

DOCTORAL ACADEMY

VIZJA UNIVERSITY SCIENCE FEDERATION

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 of studies	Doctoral Academy
Field of science	Engineering and technical sciences, medical and health sciences, family sciences, social sciences
Scientific 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
Form of study	Hybrid (stationary and online)
Studying length	6 semesters [8 semesters]
Language of teaching	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 ACADEMY TRAINING PLAN
UNIVERSITY VIZJA SCIENCE FEDERATION

Training plan is the same for all disciplines, but the specific curriculum content offered within each discipline may vary and may change annually.

The curriculum is spread over 2 semesters of classes divided into three blocks (modules) and 4 or 6 semesters of seminar classes carried out by supervisors of doctoral dissertations. The education plan is implemented in Polish (full-time / online studies) or English (online studies). Classes in individual blocks (modules) are divided into compulsory (OB) and elective (DW).

Compulsory classes (Block 1 and 2) are the basis of the training plan. Students implement issues in the area of ethics, copyright and intellectual property, workshops: analysis of data and information sources, scientific presentations, knowledge transfer and scientific research, use of scientific tools. In addition, classes in the methodology of scientific research and modern methods of scientific research are carried out. A research plan is prepared to guide the research process. Students are required to complete all compulsory courses and obtain 34 ECTS credits in the full cycle of education.

Classes in the area of scientific development (Block 3) – students carry out activities related to the preparation of a scientific article, review of scientific papers, presentation of their own scientific and research development and active participation in a scientific conference. As part of the classes on the preparation of a scientific article, students will plan, prepare and write a scientific article. As part of the workshops on reviewing scientific papers, they will review a scientific article. In the Scientific Session, the audience will present the elements of scientific and research development by presenting their own scientific article and the prepared research plan. In addition, they will take an active part in a scientific conference. From the block of classes in the area of scientific development, you should obtain min. 32 ECTS credits in the full 6-semester cycle (40 ECTS for the 8-semester cycle).

The main independent activity not included in the education plan is primarily the preparation of a doctoral dissertation, which is the basis for carrying out the research process aimed at preparing the doctoral dissertation.

DESCRIPTION OF INDIVIDUAL BLOCKS (MODULES) OF EDUCATION BLOCK

(MODULE) 1
ACADEMIC SKILLS

Classes in Block 1 (Table 1) are intended to enable the acquisition and development of skills necessary m.in:

- planning, preparation and settlement of the assumed scientific and research plans,
- presenting research results in scientific publications and during speeches at conferences, symposia or scientific seminars in Poland and abroad,
- search and analysis of sources of scientific data and information and the use of scientific tools
- conducting scientific research with the use of modern scientific tools.

As part of this block (module) of classes, students acquire knowledge, m.in, in the field of: planning and implementation of scientific research, the use of scientific tools, searching for and analyzing data and information sources, preparing conference presentations and grant applications, ethics in science and respect for intellectual property and research integrity.

Table 1. List of classes in Block 1

No.	Name	Semester	Total number of hours	Total ECTS credits	Type
1.	Ethics in science, copyright and intellectual property	I	8	2	OB
2.	Scientists' skills – searching for and analyzing data and information sources	I	8	2	OB
3.	Scientists' skills – scientific presentations	II	8	2	OB
4.	Scientists' skills – transfer of knowledge and scientific research	II	8	2	OB
5.	Scientists' skills - use of scientific tools	I	8	2	OB
Total for Block 1			**40**	**10**	
Learning outcome symbols for Block 1 classes					
SD_WG01; SD_WG02; SD_WG04; SD_WG05; SD_WK01; SD_WK02; SD_WK03					

SD_UW01; SD_UW02; SD_UW03; SD_UW04; SD_UK01; SD_UK02; SD_UK03; SD_UK04; SD_UK05; SD_UO01; SD_UU01; SD_UU02 SD_KK01; SD_KK02; SD_KR01; SD_KR02 SD_KO01

BLOCK (MODULE) 2
RESEARCH METHODOLOGY AND RESEARCH ACTIVITY

The aim of Block 2 (Table 2) is to provide students with advanced methodological and research knowledge about the methods, techniques, research tools and programs supporting the analysis of data used in the research procedure. The classes include courses in research methodology and planning, as well as quantitative and qualitative data analysis. In addition, classes are carried out covering issues related to contemporary research trends in social sciences in individual disciplines. Doctoral seminars related to the preparation of a research plan are also mandatory. As part of the doctoral seminar "research plan", at the end of the studies, students must present a minimum research plan, which can be discussed at an open meeting as part of the "Seminar Panel - Scientific Session", as well as the planned schedule for the preparation of the doctoral dissertation.

Tabela 2. List of classes in Block 2

No.	Name	Semester	Total number of hours	Total ECTS credits	Type
1.	Methodology of scientific research	I, II	24	6	OB
2.	Modern methods of scientific research	I, II	24	6	OB
3.	Research plan	II, III	48	12	DW
Total for Block 2			**96**	**24**	
Learning outcome symbols for Block 2 classes					
SD_WG01; SD_WG02; SD_WG03; SD_WK01; SD_WK03 SD_UW01; SD_UW02; SD_UW03; SD_UK01; SD_UK02; SD_UK03; SD_UK04; SD_UK05; SD_UO01; SD_UU01; SD_UU02 SD_KK01; SD_KK02; SD_KR01; SD_KR02					

BLOCK (MODULE) 3
SCIENTIFIC DEVELOPMENT

Classes from Block 3 are classes carried out as part of the doctoral student's scientific and research development path. The students prepare a scientific paper, present and discuss their own and other people's scientific and research achievements as part of the "Seminar Panel - Scientific Session" and during the scientific conference. Students must complete a given activity in each of the indicated semesters (Table 3). Under the supervision of their supervisor, they prepare their doctoral dissertation. In the case of joint classes or elective classes, the credit applies to one's own activity and joint activity (academic discussions).

Tabela 3. List of classes in Block 3

No.	Name	Semester	Total number of hours	Total ECTS credits	Type
1.	Workshop – rules for the preparation and publication of scientific texts	I, II	16	4	OB
2.	Workshop - development and submission of a scientific article	I, II	24	6	DW
3.	Seminar Panel - Scientific Session	I, II	16	4	DW
4.	Active participation in a selected scientific conference	II	8	2	DW
5.	Doctoral seminar – consultations with the supervisor	III-VI/ VIII	64/96	16/24	DW
Total for Block 3			**80**	**12**	
Learning outcome symbols for Block 3 classes					
SD_WG01; SD_WG02; SD_WG03; SD_WK01; SD_WK03 SD_UW01; SD_UW02; SD_UW03; SD_UK01; SD_UK02; SD_UK03; SD_UK04; SD_UK05; SD_UO01; SD_UU01; SD_UU02 SD_KK01; SD_KK02; SD_KR01; SD_KR02					

DOCTORAL ACADEMY

FRAMEWORK OF THE TRAINING PLAN DIVIDED INTO INDIVIDUAL SEMESTERS

VIZJA UNIVERSITY SCIENCE FEDERATION

YEAR OF COMMENCEMENT OF THE EDUCATION CYCLE- 2025/2026

ENGLISH: FULL-TIME / ONLINE STUDIES

COURSES	Type	Form	Form of credit	Passing person	Hours in semesters			Total hours	Total ECTS
					I	II	III-VI/VIII		
BLOCK 1: ACADEMIC SKILLS					**24**	**16**		**40**	**10**
Ethics in science, copyright and intellectual property	OB	W	zal	N	8			**8**	**3**
Scientists' skills – searching for and analyzing data and information sources	OB	K	zal	N	8			**8**	**2**
Scientists' skills – public speaking	OB	K	zal	N		8		**8**	**2**
Scientists' skills – transfer of knowledge and scientific research	OB	K	zal	N		8		**8**	**3**
Scientists' skills - use of scientific tools	OB	K	zal	N	8			**8**	**2**
BLOCK 2: RESEARCH METHODOLOGY AND RESEARCH ACTIVITY					**48**	**48**		**96**	**24**
Methodology of scientific research	OB	W	zal	N	12	12		**24**	**6**
Modern methods of scientific research	OB	K	zal	N	12	12		**24**	**6**
Research plan	DW	K	zal	N	24	24		**48**	**12**
BLOCK 3: SCIENTIFIC DEVELOPMENT					**28**	**36**		**128/160**	**32/40**
Scientists' skills – rules for the preparation and publication of scientific texts	OB	K	zal	N	8	8		**16**	**4**
Scientists' skills - development and submission of a scientific article	DW	K	zal	N	12	12		**24**	**6**
Seminar Panel - Scientific Session	DW	K	zal	D	8	8		**16**	**4**
Active participation in a selected scientific conference	DW	K	zal	D		8		**8**	**2**
Doctoral seminar – consultations with the supervisor	DW	K	zal	N			16	**64/96**	**16/24**
SUMMARY									
COMPULSORY COURSES					**56**	**48**	**0**	**104**	**26**
ELECTIVES					**44**	**52**	**16**	**160/192**	**40/48**
TOTAL					**100**	**100**	**16**	**264/296**	**66/74**

N - academic teacher; **D -** Director of the Doctoral Academy; **OB** – compulsory courses; **DW** – elective courses; **W** – lectures; K – Seminars and workshops; zal - passes for classes.

DESCRIPTIONS OF COMPULSORY COURSES

BLOCK (MODULE) 1
ACADEMIC SKILLS

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 – SEARCHING FOR AND ANALYZING DATA AND INFORMATION SOURCES

The workshop aims to familiarize students with the processes of searching, gathering and storing scientific information necessary for the preparation of scientific and research papers. Sources of information necessary for the preparation of scientific articles, grant applications and doctoral dissertation will be indicated. Individual sources will be subjected to contextual analysis resulting from the characteristics of a given discipline, the cost of obtaining information and the principles of accessibility. The sources of data and information will be discussed, along with the assessment of their reliability and quality.

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.

SCIENTISTS' SKILLS - USE OF SCIENTIFIC TOOLS

The workshop classes are aimed at developing skills in the use of basic scientific and research tools. The workshop will identify research tools appropriate for a given scientific discipline. During the course, basic information will be presented covering various research tools, including, m.in, selected statistical packages, survey systems, bibliographic systems, legal information systems, bibliographic information systems, bibliography preparation programs, calculation packages, office suites.

BLOCK (MODULE) 2
RESEARCH METHODOLOGY AND RESEARCH ACTIVITY

METHODOLOGY OF SCIENTIFIC RESEARCH

Methodology is a science dealing 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 study of logic, research, methods, research procedures, conduct, and types of reasoning used in a specific scientific discipline (legal sciences, psychology, economics and finance, political sciences, and administrative sciences). The course will therefore focus on the description of research methods used in the social sciences, rules and procedures of research procedure. The course will provide theoretical foundations that will allow you to solve a given problem, having at your disposal an appropriate method, group of methods or the best way to solve the problem. The aim of the course is therefore to provide doctoral students with systematized knowledge and skills that will allow them to acquire knowledge related to the methodology of social sciences and to understand the basic concepts used in the methodology, knowledge of the main research approaches in the social sciences, the structure of the research process, the use of research models and methods.

MODERN METHODS OF SCIENTIFIC RESEARCH

The course will be devoted to the use of statistical analysis methods in the interpretation of social research results, 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. They will take into account the issues of measurement, scaling, description of relationships, sampling and its importance for statistical inference. During the course, the principles of using research methods (quantitative and qualitative) will be presented and the following stages of research will be discussed: defining research problems, selecting specific methods for research problems (e.g. individual, group, ethnographic interviews, econometric models, etc.), creating research schemes, selecting projective and supporting techniques, conducting interviews and principles of data analysis. The classes will cover various methods of data analysis. The course will present methods of analysis specific to the field of social sciences.

RESEARCH PLAN

Classes are conducted in the form of workshops. As part of the classes, each student develops a research plan. They have the opportunity to discuss with other students and academics. The classes are tailored to the specificity of the student and the dissertation research plan being prepared. They cover both issues of a workshop nature (e.g. selection of appropriate research methods), formulation of goals, research theses/hypotheses, etc.

During the workshops, the research plan is consulted with an academic teacher with extensive experience in supervising doctoral dissertations. The developed research plans are presented during the "Seminar Panel - Scientific Session". The developed research plans are presented to the committee during the completion of the studies.

BLOCK (MODULE) 3
SCIENTIFIC DEVELOPMENT

SCIENTISTS' SKILLS – RULES FOR THE PREPARATION AND PUBLICATION OF SCIENTIFIC TEXTS

The course is intended to familiarize doctoral students with publishing practices in the social sciences and equip them with skills useful in their own publishing activity. Examples will discuss the basic principles of writing, submitting for publication and reviewing scientific articles, as well as the most important databases and tools for orientation in the international scientific circulation. The role of bibliometric indicators and their alternatives in contemporary 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.

SCIENTISTS' SKILLS - DEVELOPMENT AND SUBMISSION OF A SCIENTIFIC ARTICLE

Workshops on the preparation of a scientific article are aimed at enabling the student to plan, prepare and write a scientific article. The article can be prepared in cooperation with another person (a student from another discipline, an academic teacher, a potential supervisor, etc.). The article should be prepared in accordance with the requirements specific to a given discipline and the requirements of a specific publisher and journal. The assumed level of points obtained according to the MEiN score – 70 points. The listener, putting himself in the role of the author of the article, independently chooses: the title, purpose, scope and subject of the article. Independently indicates a thesis/hypothesis, selects the scope of literature, selects the research method and prepares the text of the article. In addition, the student independently indicates the language of publication, publishing house and journal in which the article is to be developed.

SEMINAR PANEL - SCIENTIFIC SESSION

The Scientific Session has the substantive objectives of presenting the scientific and research development of the students and creating a platform for the integration of students from various disciplines represented at the Doctoral Academy. Students have the opportunity and obligation to present their own scientific and research achievements and other research activities. They can have a critical discussion with other doctoral students and researchers. During the Scientific Session, the audience personally presents a previously prepared presentation, which consists of the content contained in: the developed scientific article (the subject Workshop - preparation of a scientific article) and the prepared research plan (the subject Research Plan).

The Scientific Session is carried out in the form of a seminar lasting one or two days. Scientific Sessions are shared. To provide sufficient time for presentations and discussions, the work can be organized in parallel seminar tracks. The organization is handled by the students. The method of organizing the Scientific Session is agreed by students with the Director of the Doctoral Academy. A Scientific Session can be organized for several students and can be organized multiple times. Students can invite any academic teacher and other people to participate in the Scientific Session. The location of the Scientific Session during the third semester allows for the presentation of mature (covering a significant part of the results) draft articles and research plans. In addition, based on the results of the discussion, the listener has the opportunity to make any corrections to the article or research plan.

ACTIVE PARTICIPATION IN A SELECTED SCIENTIFIC CONFERENCE

As part of this activity, the student chooses a scientific conference during the course of study, in which he or she will actively participate. Active participation consists in submitting a paper/poster and its independent presentation during the conference. The conference can be regional, national or international. The purpose of this activity is to familiarize the audience with the process of active participation in a scientific event such as a scientific conference. The students will practice the acquired skills of presenting a scientific work. In addition, participation in the conference will enable scientific discussion in real conditions. The costs of participation in the conference are borne by the listener.

DOCTORAL SEMINAR – CONSULTATIONS WITH THE SUPERVISOR

The doctoral seminar is organized separately for each discipline and is conducted in the form of individual consultations with the scientific supervisor (supervisor). As part of it, each doctoral student develops an individual research plan, has the opportunity to present the results of their research and discuss them with other doctoral students and researchers. The classes are tailored to the specificity of the doctoral student and the dissertation being prepared. They cover both workshop issues (e.g. selection of appropriate research methods) and discussions on the current state of knowledge in the discipline and the research questions and hypotheses formulated on this basis in

the dissertation. As part of the course, work may also be carried out on the preparation of an application for a research grant.