

Annex no. 1 to Ordinance no. 92 of the Rector of the Jagiellonian University of September 15, 2023

<b>DOCTORAL PROGRAMME</b> <b>in the domain of ECONOMICS AND FINANCE</b> <i>applicable from academic year 2023/2024</i>	
Doctoral school	Doctoral School in the Social Sciences (DSSS) at the Jagiellonian University in Krakow
Scientific domain and scientific discipline, in which DSSS educates	Domain of the social sciences Discipline: economics and finance
Length of educational process at DSSS	4 years (8 semesters) or 3 years (6 semesters) in accordance with the carried out education program
Specification of the main language, in which courses are held	Polish and English
Level of education	Level 8 of the Polish Qualification Framework and European Qualification Framework
Terms and conditions for realizing curriculum	In order to graduate from Doctoral School in the Social Sciences (DSSS), in the discipline of Economics and Finance, the following are required: 1) acknowledgement of achieving detailed learning outcomes at level 8, provided for by the Education Programme (EP); 2) collecting, in the course of realizing the Doctoral Programme (DP), at least 40 ECTS , including 30 ECTS related to PhD student's preparation for carrying out research and publishing its results; 3) submitting doctoral thesis.
Terms and conditions for granting ECTS points	1 ECTS = 25-30 working hours of PhD student as part of classes and outside them
List of course modules (obligatory and optional ones) with assigned ECTS points	Module 1. Specialist education - selected areas of scientific achievements (economics and finance) - 10-17 ECTS Module 2. Methodological education - methodology of social research - 6-8 ECTS Module 3. Academic competences (scientific communication; determinants of a scientific career) - min. 4 ECTS Module 4. Professional and soft competences (academic didactics; preparation for didactic work) - min. 4 ECTS
Rules for verification of the acquisition of competencies on Level 8 of the Polish Qualification Framework as part of classes and outside them, including rules for passing modules realized at other universities/universities abroad and for certifying education outcomes realized	Achieving projected education outcomes may be confirmed as part of classes offered by the Doctoral School in the Social Sciences, included in education modules, as well as on the basis of PhD student's own activity realized outside classes – compliant with the doctoral programme and IRP. In the latter case the outcomes are confirmed by the Head of DSSS and/or the Head of the Doctoral Programme on the basis of the submitted application for credit award, on account of activities carried out outside the DSSS JU, which includes: the type of activity (research or teaching), justification thereof, confirmation of its

outside classes	implementation as part of the doctoral programme, as based on the Supervisor's opinion and the decision of Doctoral Committee, should it be appointed
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### Listing of activities

<b>Module 1</b> <b>Specialist training - selected areas of scientific achievements</b>						
<i>Course/activity</i>	<i>Number of hours</i>	<i>ECTS</i>	<i>Year</i>	<i>Semester</i>	<i>Form of classes</i>	<i>Learning outcomes</i>
Scientific supervision of the academic tutor over a doctoral student and doctoral seminar	30 h each year (max. 120 h)	2 x 4 = 8 2 x 3 = 6	I-IV	I-VIII	Seminar	W1, W4, U1, U2, U3, U9, K1, K2, K5
Theory of economics I	15-30 h	1-3	I-III	I-VI	Lecture/ discussion session	W2, U1, U2, K1, K2
Theory of economics II	15-30 h	1-3	I-III	I-VI	Lecture/ discussion session	W2, U1, U2, K1, K2
Theory of economics III	15-30 h	1-3	I-III	I-VI	Lecture/ discussion session	W2, U1, U2, K1, K2
<b>Module 2</b> <b>Methodological training - methodology of social studies</b>						
<i>Course/activity</i>	<i>Number of hours</i>	<i>ECTS</i>	<i>Year</i>	<i>Semester</i>	<i>Form of classes</i>	<i>Learning outcomes</i>
Methodology of social studies	30 h	2	I-III	I-VI	discussion session /workshops	W3, W5, K2
Specialist courses in analysis of quantitative data:	30-90 h	2-6	I-IV	I-VI	discussion session /workshops	W2, U1, U2, K1, K2

a) Advanced methods of statistical data analysis, b) Econometrics – special models, c) Mathematical methods in economics.						
Specialized courses on the analysis of qualitative data	20-30 h	2	I-III	I-VI	discussion session /workshops	W4, U2, U3, K2

<b>Module 3</b> <b>Academic competencies-conditions for developing scientific career</b>						
<i>Course/activity</i>	<i>Number of hours</i>	<i>ECTS</i>	<i>Year</i>	<i>Semester</i>	<i>Form of classes</i>	<i>Learning outcomes</i>
Raising funds for research and managing research projects	15-30 h	1-3	I-IV	I-VIII	workshop	W6, W7, U5, K5
Intellectual property protection and ethics in conducting scientific research	15h	1	I-IV	I-VIII	discussion session	W6, K3
Dissemination and popularization of research findings	15 h	2	I-IV	I-VIII	workshop	W5, U6, U7, U8, K4
Workshops developing scientific cooperation skills, scientific career management and self-development planning	15 h	2	I-IV	I-VIII	workshop	W6, U9, K3
Scientific career management (including communication in science and business, time management)	15-20 h	1-2	I-IV	I-VIII	discussion session	W7, U4, U5, U10,

Work in research teams and fundamentals of project organization	30 h	1	I-IV	I-VIII	research practice	W6, W7, U4, U9, U10, K5
Social sciences for economy and business	15 h	1	I-IV	I-VIII	discussion session	W7, U4, K3,
Academic writing – editing scientific texts	30 h	2	I-IV	I-VIII	workshop	W5, U6, U8, U9
Impression management and public speaking	30 h	2	I-IV	I-VIII	workshop	W5, U5, U7, U8
Modern foreign language course	30-60 h	2-4	I-IV	I-VIII	workshop	U8
Language competence (B2) - criterion art. 186 (mandatory)	N/A	0	N/A	N/A	N/A	U8
Training in occupational Health and Safety	4 h	0	I	I - II	training	

**Module 4**  
**Professional competence and soft skills including preparation for teaching**

<i>Course/activity</i>	<i>Number of hours</i>	<i>ECTS</i>	<i>Year</i>	<i>Semester</i>	<i>Form of classes</i>	<i>Learning outcomes</i>
Fundamentals of academic teaching	30 h	3	I-II	I-IV	discussion session	W5, W7, U7, U10, U11, K2, K4
Didactic practice regulated by the DSSS JU Didactic Practice Regulations (obligatory)	10-60 per year, up to 60h per 4 years of education in the DSSS; max. 4	1-4 during 4 years of education in the DSSS	II-IV	III-VI	Academic practice	W5, W7,U7 U10, U11, K2, K4

	ECTS (60h); preferably 1-2 ECTS per year					
Modern information and communication technologies in academic teaching	30 h	2	I-IV	I-VIII	course	W5, W7, U7, U10, U11, K2, K4
Modern information and communication technologies in academic teaching	15 h	1	I-IV	I - VIII	workshop	W5, W7, U7, U10, U11, K2, K4
Voice emission with elements of rhetoric	15 h	1	I-IV	I-VIII	workshop	W5, W7, U7, U10, U11, K2, K4
Academic tutoring	15 h	1	I-IV	I-VIII	workshop	W5, W7,U7, U10, U11, K2, K4
Designing classes	15 h	1	I-IV	I-VIII	workshop	W5, W7, U7, U10, U11, K2, K4
Interpersonal communication	15 h	1			workshop	W5, W7, U7, U10, U11, K2, K4