

**Education Program at the Doctoral School of the Nicolaus Copernicus Superior School
in the College of Economic Sciences and Management in Warsaw
in the discipline of Economics and Finance in the academic year 2024/2025**

1. General education characteristics

Education at the SGMK Doctoral School lasts for 6 semesters and prepares for obtaining a doctoral degree in the discipline of Economics and Finance. Education includes the implementation of the education program and Individual Research Plan and leads to achieving learning outcomes for qualifications at level 8 of the Polish Qualifications Framework.

2. Learning outcomes (knowledge, skills, and social competences)

No.	Symbol	Specification for a doctoral student / graduate of the doctoral school	Description component code
KNOWLEDGE, the doctoral student / graduate knows and understands:			
1	W_1	to the extent enabling the revision of existing paradigms - the global achievements including theoretical foundations and general issues as well as selected specific issues relevant to the scientific discipline in which the doctoral dissertation is prepared	P8S_WG
2	W_2	the main developmental trends in science in the discipline in which the doctoral dissertation is prepared	P8S_WG
3	W_3	the methodology of scientific research	P8S_WG
4	W_4	fundamental dilemmas of contemporary civilization	P8S_WK
5	W_5	economic, legal, ethical, and other significant conditions of scientific activity	P8S_WK
UMIEJĘTNOŚCI doktorant / absolwent potrafi:			
1	U_1	use knowledge from various fields of science for creative identification, formulation, and innovative solving of complex problems or tasks, especially: <ul style="list-style-type: none"> • defining the aim and subject of scientific research, formulating a research hypothesis • developing research methods, techniques, and tools, and creatively applying them • deducing from the results of scientific research 	P8S_UW

2	U_2	critically analyze and evaluate the results of scientific research, expert activity, and other creative works as well as their contribution to the development of knowledge in the area of conducted research	P8S_UW
3	U_3	transfer the results of scientific activity to the economic and social sphere	P8S_UW
4	U_4	communicate on specialized topics to enable active participation in the international scientific community	P8S_UK
5	U_5	disseminate the results of scientific activity also in popular forms	P8S_UK
6	U_6	initiate debate	P8S_UK
7	U_7	participate in scientific discourse	P8S_UK
8	U_8	plan and carry out individual and team research projects, also in the international environment	P8S_UO
SOCIAL COMPETENCES, the Doctoral student / graduate is ready to:			
1	K_1	critically assess the achievements within the scientific discipline in which the doctoral dissertation is prepared	P8S_KK
2	K_2	critically assess their own contribution to the development of the scientific discipline in which the doctoral dissertation is prepared	P8S_KK
3	K_3	acknowledge the importance of knowledge in solving cognitive and practical problems	P8S_KK
4	K_4	fulfill the social obligations of researchers	P8S_KO
5	K_5	initiate actions for the public good	P8S_KO
6	K_6	maintain and develop the ethos of research environments through: <ul style="list-style-type: none"> conducting scientific activity independently and in accordance with social values respecting the principle of public ownership of the results of scientific activity, taking into account the principles of intellectual property protection 	P8S_KR

3. Education program at the SGMK Doctoral School in the discipline of Economics and Finance

No.	Subjects	Semester	Number of ECTS	Hours
A.	General subjects		9	90
1.	Research methodology and methodology in economics, finance and management	I	3	30
2.	Preparation of scientific publications	I	1	10
3.	Contribution of Polish economists to the development of social sciences	II	1	10
4.	Microeconomics	I	1	10
5.	Philosophy of science, ethics and freedom of science debates	II	1	10
6.	Scientific seminar	II, III, IV, V, VI	2	20
7.	Preparation of scientific texts	III	1	15
B.	Subjects in the field of Economics and Finance		8	80
1.	Macroeconomics	I	3	30
2.	Corporate finance	II	2	20
3.	Economics of socio-economic solidarity in economic and civilizational development	I	1	10
4.	Financial market institutions, instruments and products	III	2	20
C.	Supporting subjects		6	60
1.	Econometrics	III	3	30
2.	Statistics and data analytics	II	3	30
D.	Supplementary subjects		4	40
1.	Public sector economics	III-IV	2	20

2.	Risk management and modeling	III-IV	2	20
E.	Doctoral seminar	I-VI	9	90
F.	Individual Research Plan	II-VI	2	20
			38	380