

The curriculum at the Doctoral School at the SGH Warsaw School of Economics in the discipline of Economics and Finance in the scope of finance for doctoral students commencing their education in the academic year 2024/2025

1. General characteristics of education

Education at the Doctoral School at the SGH Warsaw School of Economics lasts 8 semesters and prepares to obtain the degree of *doktor* in the discipline of Economics and Finance. The main subject of education and scientific research is finance. The education covers implementation of the curriculum and the Individual Research Plan and leads to the achievement of learning outcomes for qualification at the 8th level of the Polish Qualifications Framework.

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

Learning outcome code	Graduate of the programme at the Doctoral School at the SGH Warsaw School of Economics in the scope of finance with the degree of <i>doktor</i> .	Reference to the features of the Polish Qualifications Framework, 8 th level – code of the description component ¹
KNOWLEDGE: knows and understands		
W_1	global achievements including theoretical basics and general subject matters related to the discipline of economics and finance	P8S_WG

¹ Regulation of the Minister of Science and Higher Education of 14 November 2018 on second cycle degree features of learning outcomes for qualification at the 6th–8th levels of the Polish Qualifications Framework (Journal of Laws of 2018, item 2218).

W_2	global achievements including selected specific subject matters relevant for finance to the extent allowing the revision of existing paradigms	P8S_WG
W_3	main development trends in the discipline of economics and finance	P8S_WG
W_4	general methodology of social sciences including the methodology of scientific research relevant for finance	P8S_WG
W_5	rules of popularising the results of scientific activity, also in the mode of open access, and basic rules of transferring knowledge to the economic and social sphere, including basic rules of commercialising the results of scientific activity and know-how related to such results	P8S_WG P8S_WK
W_6	economic, legal and ethical conditions of scientific activity	P8S_WK
W_7	fundamental dilemmas of the contemporary civilisation	P8S_WK
SKILLS: can		
U_1	use knowledge from various scientific disciplines to creatively identify, formulate and innovatively resolve complex issues or perform research tasks and, in particular: – define the objective and subject-matter of scientific research, formulate research hypotheses, – creatively use and develop scientific methods, techniques and tools relevant for research conducted, – draw conclusions on the grounds of results of scientific research	P8S_UW
U_2	conduct critical analysis and assessment of results of the scientific research, expert activities and other creative work, and their contribution to the development of knowledge in the area of research conducted in finance	P8S_UW

U_3	popularise results of scientific activity or transfer them to the economic and social sphere	P8S_UK P8S_UW
U_4	communicate in specialist topics, also in a modern foreign language at least at the B2 level of the Common European Framework of Reference for Languages, with specialists in their scientific and professional discipline, as well as with persons outside these environments	P8S_UK
U_5	document and present results of research and prepare publications of scientific nature – in compliance with the rules of producing this kind of compilations – with a respect for the rules of intellectual property protection	P8S_UK
U_6	participate in the scientific discourse	P8S_UK
U_7	initiate a debate	P8S_UK
U_8	plan and perform individual and group research projects, also in the international environment	P8S_UO
U_9	independently plan and act for own scientific and professional development, as well as inspire and organise the development of other persons	P8S_UU
U_10	plan and conduct classes in the area of the scientific and professional activity conducted with the use of modern methods and tools	P8S_UU
SOCIAL COMPETENCES: is ready to		
K_1	critically assess scientific achievements and expert activity within the discipline of economics and finance, especially in the scope of finance	P8S_KK
K_2	critically assess own contribution to the development of the discipline of economics and finance, especially in the scope of finance	P8S_KK

K_3	recognise the significance of knowledge in solving cognitive and practical issues	P8S_KK
K_4	responsibly perform social obligations of a researcher, including initiating activities for the common good	P8S_KO
K_5	maintain and develop the ethos of the research environment by, among others: – conducting scientific activity in an independent and ethical manner, – respecting the rules of public property of the results of scientific activity, taking intellectual property protection into account, – conducting opinion-forming activity in a responsible and ethical manner	P8S_KR
K_6	think and act in an entrepreneurial and innovative manner	P8S_KO

3. The curriculum at the Doctoral School at the SGH Warsaw School of Economics in the discipline of Economics and Finance in the scope of finance. All subject areas are obligatory.

No.	Subject area / subjects	Semester	Number of ECTS	Number of hours
A.	Common subjects		Total: 10.5	Total: 62
1.	Writing and publishing scientific articles	I	1	6
2.	Research workshop	I	0.5	6
3.	Research methodology workshop	I	3	30
4.	Ethics in science	I	2	6
5.	Philosophy of science	I	3	10

6.	Teaching methods workshop	IV	1	8
B.	Major subjects²		Total: 13	Total: 120
1.	Financial economics	I	7	60
2.	Corporate finance	II	3	30
3.	Financial intermediation institutions	II	3	30
C.	Supporting subjects		Total: 10	Total: 90
1.	Econometrics ³	III	5	45
2.	Statistics ⁴	II	5	45
D.	Scientific seminar	III, IV, V, VI	Total: 6	Total: 60
E.	Doctoral seminar	I–VIII	4	120
			Areas A, B, C, D, E in total: 43.5	Areas A, B, C, D, E in total: 452
	The Individual Research Plan	II–VIII		

² Major subjects prepare for two major exams (see: subpar. 5 and the Rules and Regulations of the Doctoral School).

³ The same subject features in the curriculum for the discipline of Economics and Finance in the scope of economics.

⁴ The same subject features in the curriculum for the discipline of Economics and Finance in the scope of economics.

4. “Implementation doctorate” profile

In the “implementation doctorate” profile, in subject area B, the subject Financial economics has 42 hours and the subjects Corporate finance and Financial intermediation institutions have 21 hours each, whereas in subject area C all subjects have 32 hours each.

5. Major exams

The doctoral student is obliged to pass two major exams in the 4th semester: *Finance and banking* and *Risk in finance*. These exams are not included in the settlement of the doctoral student’s requirements within an academic year. Major subjects prepare for major exams. The scope and forms of major exams are specified in the major exam cards.