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**RESOLUTION NO. R.0000.74.2025**

**adopted by the SENATE of  
the WROCLAW UNIVERSITY OF ECONOMICS AND BUSINESS**

on 18 December 2025

regarding

**the approval of the curriculum at the Doctoral School of the Wrocław University of Economics and Business for doctoral students starting their education in the academic year 2026/2027**

Acting pursuant to Art. 28.1.12 of the Act of 20 July 2018, Law on Higher Education and Science (Dz. U. /Journal of Laws/ 2020, item 85 as amended), the Senate resolves as follows:

§ 1

The curriculum at the Doctoral School of the Wrocław University of Economics and Business for doctoral students starting their education in the academic year 2026/2027 will be as described in the attachment hereto.

§2

The resolution will come into effect on the day of its adoption.

Rector

Prof. Czesław Zajęc, PhD, Habil.

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Attachment to Resolution No. R.0000.74.2025 adopted by the Senate on 18 November 2025

### **CURRICULUM OF THE DOCTORAL SCHOOL OF THE WROCLAW UNIVERSITY OF ECONOMICS AND BUSINESS**

#### I. General characteristics and objectives of the curriculum

The completion of the curriculum at the Doctoral School will lead to the achievement of the learning outcomes for level 8 qualifications, according to the Polish Qualifications Framework, defined pursuant to the Act of 22 December 2015, on the Integrated Qualifications System (consolidated act, Dz. U. /Journal of Laws/ of 2024, item 1606), and the regulations issued on the basis of Art. 7.3 thereof.

The principal objective of educating at the Doctoral School is to enable a doctoral student to write and submit a doctoral dissertation and to prepare the doctoral student to obtain a doctoral degree on this basis. The main objectives of educating at the Doctor School include:

- a. preparing doctoral students to perform research, research and development, and teaching functions;
- b. gaining by doctoral students the ability to make use of global scientific achievements, identify and solve research problems, plan and conduct research, and compile research outcomes in the form of patents, publications or presentations during scientific congresses;
- c. gaining by doctoral students high research competence and scientific self-reliance;
- d. preparing doctoral students to plan their scientific development on their own and to take on challenges in the professional and public spheres, taking account of their ethical considerations and responsibility, in compliance with the European Charter for Researchers;
- e. preparing doctoral students to take part in the exchange of scientific experience and ideas, also in the international environment.

The Doctoral School supports doctoral students' mobility and establishing international contacts by enabling doctoral students to take part in international exchange programmes and international conferences.

The School offers curricula for different paths within the specified academic disciplines. Educational paths within respective disciplines, in case of the successful recruitment of candidates, may be implemented in the Polish language edition and in the English language edition. Within the Polish language edition a part of courses, specifically the ones conducted by foreign lecturers, may be provided in the English language.

#### II. Initial requirements – profile of a candidate

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A candidate holding a (professional title) master degree or master of science degree, engineer, or an equivalent thereof, may apply for admission to the Doctoral School.

In exceptional cases, justified by the highest quality of academic achievements, the Doctoral School may admit a first cycle studies graduate or a student who has completed the third year of long-cycle studies, including a student who is a beneficiary of the “Diamond Grant” programme. The candidate’s academic achievements will be assessed by the recruitment commission.

The candidate applying for admission to the Doctoral School should be able to demonstrate competence and academic achievements enabling the candidate to enter education at level 8 of the Polish Qualifications Framework in the following academic disciplines: Economics and Finance, Management and Quality Science, and Food and Nutrition Technology.

### III. Description of the expected learning outcomes

1. The description of the expected learning outcomes takes account of the second stage descriptors for qualifications at level 8 of the Polish Qualifications Framework (PQF), defined in the Regulation of the Minister for Science and Higher Education of 14 November 2018, on the Second Stage Descriptors of Learning Outcomes for Qualifications at Levels 6-8 of the Polish Qualifications Framework (Dz. U. of 2018, item 2218).
2. The learning outcomes apply to the following academic disciplines:
  - a) Economics and Finance (field of social science),
  - b) Management and Quality Science (field of social science),
  - c) Food and Nutrition Technology (field of agricultural science).
3. The learning outcomes for the curriculum at the Doctoral School; explaining the meaning of the symbols:
  - a) P8S – descriptors of the learning outcomes for level 8;
  - b) WG (after an underscore) – knowledge category, scope and depth of understanding / completeness of the cognitive perspective and dependencies;
  - c) WK (after an underscore) – knowledge category, context / conditions, effects;
  - d) UW (after an underscore) – skills category, using knowledge / solving problems and carrying out tasks;
  - e) UK (after an underscore) – skills category, communication / understanding and formulating statements, disseminating knowledge in the academic community;
  - f) UO (after an underscore) – skills category, organizing work / planning and teamwork;
  - g) UU (after an underscore) – skills category, learning / planning personal development and the development of others;
  - h) KK (after an underscore) – social competence category, evaluation / critical approach;

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- i) KO (after an underscore) – social competence category, responsibility / fulfilling social obligations and acting in the public interest;
- j) KR (after an underscore) – social competence category, professional role / autonomy and development of an ethos.

No. of learning outcome	Learning outcome	Code of learning outcome for qualifications at level 8 of PQF
Knowledge (knows and understands):		
K_W01	Knows and understands the world's academic and creative achievements relating to the disciplines taught at the Doctoral School: Economics and Finance, Management and Quality Science, and Food and Nutrition Technology, as well as their resulting implications for practice	P8S_WG P8S_WK
K_W02	Knows and understands to the extent making it possible to revise the existing paradigms – the world's achievements, including the theoretical foundations and general problems, as well as selected general and specific problems, including the methodology of science, relevant for social science (for the academic discipline of Economics and Finance, and Management and Quality Science); agricultural science (for the academic discipline of Food and Nutrition Technology)	P8S_WG
K_W03	Knows and understands the main development trends for the academic discipline of Economics and Finance, Management and Quality Science, Food and Nutrition Technology	P8S_WG
K_W04	Knows and understands the economic, legal and other essential conditions of conducting research	P8S_WG
K_W05	Knows and understands the fundamental social and economic dilemmas of modern civilization	P8S_WK

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K_W06	Knows and understands the rules of disseminating the results of research, also in the open access mode, and the basic rules of transferring knowledge to the economic and social spheres, including the basic rules of commercializing the results of research and related know-how	P8S_WK P8S_WG
Skills (is able to):		
K_U01	Is able to analyse and innovatively synthesize academic and creative achievements to identify and solve problems related to research and to innovative and creative activity; make new contributions to such achievements, which includes defining the objective and subject of research, formulating research hypotheses, creatively employing and developing research methods, techniques and tools, appropriate for conducted research, and drawing conclusions based on the results of research	P8S_UW
K_U02	Is able to plan their personal development on their own and to inspire the development of others	P8S_UU
K_U03	Is able to take part in the exchange of experience and ideas, also in the international environment	P8S_UK
K_U04	Is able to use the knowledge of different fields of science or arts to creatively identify, formulate and innovatively solve complex problems or carry out research tasks, which includes, without limitation, defining the objective and subject of research, formulating research hypotheses, developing research methods, techniques and tools, and employing them in a creative way, and drawing conclusions based on the results of research	P8S_UW
K_U05	Is able to transfer the results of research to the economic and social spheres	P8S_UW
K_U06	Is able to disseminate the results of research, initiate debates and participate in the academic discourse, also in the international environment	P8S_UK
K_U07	Is able to plan and carry out research or creative tasks, both individually and in a team, also in the international environment	P8S_UO

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Social competence (is ready to):		
K_K01	Is ready to conduct autonomous research contributing to the existing academic and creative achievements, take on challenges in the professional and public spheres, taking account of their ethical considerations and responsibility for their results, and develop standards for the proper conduct in such situations	P8U_KK
K_K02	Is ready to take a critical approach to the evaluation of achievements in their academic discipline and of their own contribution to the development of this discipline	P8S_KK
K_K03	Is ready to recognize the importance of knowledge in solving cognitive and practical problems	P8S_KK
K_K04	Is ready to fulfil the social obligations of researchers and artists and to initiate activities in the public interest	P8S_KR, P8S_KO
K_K05	Is ready to think and act in an entrepreneurial and innovative manner	P8_KR
K_K06	Is ready to maintain and develop the ethos of scholarly and creative communities, which includes conducting research autonomously, respecting the rule that the results of research belong to the public domain, taking account of intellectual property protection	P8S_KR

#### IV. Verification of learning outcomes

When the cycle of classes for each course specified in the curriculum has been finished, the learning outcomes gained by doctoral students will be verified during examinations, passes or graded passes. The form of a pass for a given course is defined by the schedule of implementing the curriculum. The doctoral students shall be informed about the method of administering an exam or pass by the lecturer running the course, before the cycle of classes starts.

Examinations and passes may be in the form of written or oral tests of knowledge and skills; a pass for classes may be given on the basis of written assignments (e.g. projects, essays, multimedia projects or presentations) prepared by the doctoral students on the given topic. The learning outcomes achieved by the doctoral student will be verified also by evaluating:

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- 1) doctoral student's oral presentations during the annual open doctoral session; it will consist in presenting research hypotheses and results;
- 2) implementation of the Individual Research Plan, including the schedule for preparing the doctoral dissertation, which will be evaluated by the evaluation commission in the form of a midterm assessment in the middle of the period of study; the result of midterm assessment may be positive or negative, and the result of assessment, including its justification, shall be open.

### V. Schedule of implementing the curriculum

The schedule of implementing the curriculum at the Doctoral School shall specify:

- a. mandatory and elective courses to be completed, including the number of class hours;
- b. number of internship hours;
- c. allocation of mandatory and elective courses and internship to respective semesters of education;
- d. types of class activity and requirements for passing courses and internship.

The total number of hours specified in the schedule (year I-IV, semesters I-VIII):

- a. classes taught by a lecturer – **276 hours**, including **132 hours** of mandatory classes and **144 hours** of elective classes;
- b. internship – 240 hours, i.e. 60 hours in each year of education, including 24 hours of classes conducted by doctoral students on their own and 36 hours of participation in conducting classes during the first year of education; 48 hours of classes conducted on their own and 12 hours of participation in conducting classes during the second, third and fourth year of education at the School. Possible deviations from the required number of internship hours have been stipulated in the Regulations for the Doctoral School.

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**Curriculum at the Doctoral School of the Wrocław University of Economics and Business, comprising the following disciplines:  
Economics and Finance, Management and Quality Science, and Food and Nutrition Technology  
for doctoral students starting their education in the academic year 2026/2027**

No.	Course name	Semester	Form of a pass*	No. of hours	No. of hours in a semester				No. of ECTS	Remarks
					W <sup>1</sup>	ĆW <sup>2</sup>	ĆW-k <sup>3</sup>	S <sup>4</sup>		
<b>Basic mandatory courses</b>										
1	BHP Occupational Health and Safety	I	pass	4	4				0	Basic courses run at the Doctoral School mandatory for all doctoral students
2	Metodyka i metodologia badań naukowych Research Methodology	I	pass (graded)	8	8				2	
3	Postępowanie doktorskie w dyscyplinach naukowych Procedure for Conferring Doctoral Degree in Academic Disciplines	I	pass	4	4				1	
4	Przegląd literatury (rodzaje i metodyka) – warsztaty Literature review (Types and Methods) – Workshop	I	pass (graded)	8	4		4		2	
5	Testowanie hipotez w procesie badawczym Testing Hypotheses in the Research Process	II	pass (graded)	8	4		4		2	
6	Metodyka nauczania w szkole wyższej Teaching Methodology in a Higher Education Institution	I	pass	4	4				1	
7	Filozofia nauki Philosophy of Science	I	pass	8	8				1	
8	Research Ethics	II	pass	8	8				1	

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9	Cyfrowy warsztat naukowca Researcher's Digital Tools	I	pass (graded)	8	8				1	
10	Pozyskiwanie grantów badawczych. Źródła finansowania badań naukowych Acquiring Research Grants. Sources of Research Funding	II	pass (graded)	12	4		8		2	
11	Wystąpienia prezentujące wyniki badań – warsztaty Presentations of Research Results – Workshops	III	pass (graded)	8	8				1	
12	Nowoczesne techniki dydaktyczne Modern Teaching Techniques	I	pass (graded)	8	8				1	
	<b>Total mandatory courses for all disciplines</b>			<b>88</b>	<b>72</b>		<b>16</b>		<b>15</b>	
1	Research Problems in Economics and Finance	I	pass (graded)	8	4		4		2	Basic courses run at the Doctoral School mandatory for doctoral students of the Economics and Finance discipline
2	Przygotowanie tekstu naukowego – warsztaty Scientific Writing – Workshop	II	pass (graded)	12	4		8		2	
3	Metody ilościowe w badaniach naukowych Quantitative Methods in Research	II	pass (graded)	12	4		8		2	
4	Metody jakościowe w badaniach naukowych Qualitative Methods in Research	II	pass (graded)	12	4	8			2	
	<b>Total mandatory courses for Economics and Finance</b>			<b>132</b>	<b>88</b>	<b>8</b>	<b>36</b>		<b>23</b>	
1	Research Problems in Management and Quality Science	I	pass (graded)	8	4		4		2	Basic courses run at the Doctoral School mandatory for doctoral
2	Przygotowanie tekstu naukowego – warsztaty Scientific Writing – Workshop	II	pass (graded)	12	4		8		2	
3	Metody ilościowe w badaniach naukowych Quantitative Methods in Research	II	pass (graded)	12	4		8		2	

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4	Metody jakościowe w badaniach naukowych Qualitative Methods in Research	II	pass (graded)	12	4	8			2	students of the Management and Quality Science discipline
	<b>Total mandatory courses for Management and Quality Science</b>			132	88	8	36		23	
1	Research Problems in Food and Nutrition Technology	I	pass (graded)	8	4		4		2	Basic courses run at the Doctoral School mandatory for doctoral students of the Food and Nutrition Technology discipline
2	Przygotowanie tekstu naukowego – warsztaty Scientific Writing – Workshop	II	pass (graded)	12	4		8		2	
3	Metody ilościowe w badaniach naukowych Quantitative Methods in Research	II	pass (graded)	12	4		8		2	
4	Metody jakościowe w badaniach naukowych Qualitative Methods in Research	II	pass (graded)	12	4	8			2	
	<b>Total mandatory courses for Food and Nutrition Technology</b>			132	88	8	36		23	
<b>Elective courses developing professional skills (related to methods and specialist)</b>										
1	Przedmiot do wyboru Elective Course	III-VI	pass (graded)	8					1	<b>8 elective courses</b> , each lasting 8 hours and giving 1 ECTS. The type of class activity will be defined by a lecturer.
2	Przedmiot do wyboru Elective Course	III-VI	pass (graded)	8					1	
3	Przedmiot do wyboru Elective Course	III-VI	pass (graded)	8					1	

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4	Przedmiot do wyboru Elective Course	III-VI	pass (graded)	8					1	It is required to obtain 8 ECTS, which may be recognized on the basis of a certificate confirming the number of ECTS achieved by participation, without limitation, in a doctoral seminar, workshops, courses or Summer School classes
5	Przedmiot do wyboru Elective Course	III-VI	pass (graded)	8					1	
6	Przedmiot do wyboru Elective Course	III-VI	pass (graded)	8					1	
7	Przedmiot do wyboru Elective Course	III-VI	pass (graded)	8					1	
8	Przedmiot do wyboru Elective Course	III-VI	pass (graded)	8					1	
Total courses developing professional skills				64					8	
<b>Internship</b>										
1	Praktyka zawodowa ** Internship	I-VIII	pass	240					16	60 hours per academic year in the form of conducting classes by a doctoral student on their own or participating in conducting classes, in accordance with the regulations in place at the University

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	Total internship			240					16	
<b>Seminars and active forms of disseminating research results</b>										
1	Seminarium doktoranckie Doctoral Seminar	I-VIII	pass	64					16	
2	Otwarta Sesja Doktorancka*** Open Doctoral Session	II, III, V, VII	pass	16					8	
	Total seminar			80					24	
	Total number of hours for mandatory and elective courses			196					31	
	Total number of hours for mandatory and elective courses, and seminars			276					55	
	Total number of hours			516					71	

<sup>1)</sup> W – lecture, <sup>2)</sup> ĆW – tutorials, <sup>3)</sup> ĆW-k – computer lab, <sup>4)</sup> S – seminar

\* pass – assessment on a pass/fail basis,  
pass (graded) – grade based assessment

\*\* Internship: 24 hours of classes conducted by doctoral students on their own and 36 hours of participation in conducting classes during the first year of education; 48 hours of classes conducted on their own and 12 hours of participation in conducting classes during the second, third and fourth year of education at the School.

\*\*\* Open Doctoral Session – a doctoral student extending their education at the Doctoral School is also obliged to take part in the Open Doctoral Session each semester. In case of an extension, it does not involve awarding any ECTS.