Appendix No. 2 to Resolution No. 51 – 2025/2026 of the Senate
of the Warsaw University of Life Sciences – SGGW dated 26 January 2026
regarding the Curriculum of the SGGW Doctoral School
at the Warsaw University of Life Sciences – SGGW

Curriculum of the SGGW Doctoral School at the Warsaw University of Life Sciences – SGGW

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Chapter 1. GENERAL ASSUMPTION OF THE EDUCATION PROCESS AT THE SGGW DOCTORAL SCHOOL

§ 1. [Concept]

1. Doctoral students at the Warsaw University of Life Sciences – SGGW – pursue education at the university-wide, multidisciplinary SGGW Doctoral School, hereinafter referred to as the "school" or the "doctoral school".
2. The doctoral school offers a learning pathway which is common for all the doctoral students as well as specialised learning pathways relevant for particular fields/disciplines.
3. The school offers education in Polish and in English.
4. The school offers in-person, on-line or hybrid education.
5. The first stage of education at the school is identical for all the doctoral students.
6. The doctoral students commence specialised education in the field/discipline relevant for the topic of their doctoral dissertation by attending seminars, participating in the works of Institutes as well as by co-participating in conducting classes for students.
7. The second stage of education is in part common for all the doctoral students, and in part it is pursued within the specialised learning pathways.
8. Education at the doctoral school lasts 8 semesters.

§ 2. [Common education]

1. The open format of education enables development of doctoral students and evolution of the school in line with the changing needs for education.
2. The purpose of the common part of education is to enable the doctoral students to take an interdisciplinary approach to research problems as well as to facilitate the integration of the academic community.

§ 3. [Field/discipline education]

1. The education covers module classes in groups of doctoral students grouped in seminar teams for specific academic fields/disciplines. The specialised education also covers the work of doctoral students at Institutes/Departments, inter alia, through fulfilling their research, teaching and organisational duties.
2. Field/disciplinary education also covers specialised courses selected by the doctoral students within the common offer of elective courses.
3. Specialised (elective) courses are recommended by the discipline councils.
4. The elective courses are selected in the form of a competition. Those courses are launched for which the highest number of doctoral students enrol. In exceptional cases, the decision to launch an elective course for fewer than 5 people is made by the director of the doctoral school.

Chapter 2. CURRICULUM OF THE SGGW DOCTORAL SCHOOL

§ 4. [Framework curriculum]

1. The classes at the school are conducted in the module system.
2. Considering the organisation of classes at the School of Practical Foreign Language Study *[Studium Praktycznej Nauki Języków Obcych]* of the Warsaw University of Life Sciences – SGGW – foreign language classes are organised in a semester system.
3. Seminars are organised in a semester system, in the form of regular meetings, enabling regular presentation, discussions and development of the doctoral students' research concepts.
4. A seminar organised within one group may be conducted by a number of persons in order to enable broad exchange of knowledge, skills and experience.
5. Courses end with a credit or a grade. The manner of completing a course is defined in its syllabus.
6. The classes programme at the Doctoral School covers five modules:
    a. **general social module** – voice emission, auto-presentation, communication, interpersonal relations; modern foreign language;
    b. **methodology module** – research methods, statistics, research methods for the given field/discipline;
    c. **teaching methods module** – academic teaching methods, vocational internship (without conducting classes, co-participation), teaching internship (conducting classes for students);
    d. **legal and dissemination module** – research findings commercialisation, preparing applications for research projects, workshop on popularisation of science;
    e. **specialised module** (in the given field/discipline) – doctoral seminars, tutorials with the supervisor, academic writing in English, elective courses.
7. Doctoral students elect the elective courses from the 3rd to 6th semester, one course in each semester, from the choice available.
8. Teaching methods/methodology courses are offered to groups of doctoral students who carry out research in similar fields/disciplines.
9. Within the specialised module, a doctoral student sets their own learning pathway, selecting courses from among the choice of elective courses.
10. Doctoral students at the doctoral school who pursue studies in a discipline other than the discipline of their 2nd cycle studies or long-cycle master's degree studies are advised to choose the elective courses in consultation with their supervisor so as to supplement their substantive competences in the field/discipline in which they pursue studies.

§ 5. [Curriculum]

1. The curriculum comprises mandatory courses and elective courses.
2. The mandatory courses shall be carried out – depending on the number of doctoral students in the given discipline – in interdisciplinary groups (field/discipline), and – in justified cases – all doctoral students jointly, regardless of the topic of their research.
3. Elective courses start in the 3rd semester of the studies.
4. In the semester preceding commencement of the next academic year, doctoral students choose elective courses.
5. The framework curriculum for education at the SGGW Doctoral School of the Warsaw University of Life Sciences – SGGW is presented in Table 1.

Table 1. Framework curriculum at the SGGW Doctoral School

No.	Course title	Lecture	Class instruction	Tutorial	Total	Exam (E)/ Credit (Z)
Semester 1		Courses pursued by all doctoral students of the Doctoral School of the Warsaw University of Life Sciences – SGGW				
1	Voice emission		15		15	Z
2	Academic teaching methods	10			10	Z
3	Research methods		10		10	Z
4	Vocational internship (without conducting classes, co-participation)		10		10	Z
5	English / Polish (for foreigners)		30		30	Z
6	Doctoral seminar I			15	15	Z
	Total	*10*	*65*	*15*	*90*	*X*
Semester 2		Courses pursued by all doctoral students of the Doctoral School of the Warsaw University of Life Sciences – SGGW				
1	Auto-presentation, communication, interpersonal relations		15		15	Z
2	Preparing applications for research projects		15		15	Z
3	Academic writing in English		10		10	Z
4	Vocational internship (without conducting classes, co-participation)		10		10	Z
5	Research methods in the field/discipline		10		10	Z
6	English / Polish (for foreigners)		30		30	Z
7	Doctoral seminar II			15	15	Z
8	Tutorial with the supervisor			10	10	Z
	Total	*0*	*90*	*25*	*115*	*X*
Semester 3		Pathways in the field/discipline				
1	Statistics		15		15	Z
2	Workshop on popularisation of science		10		10	Z
3	Elective course*		15		15	Z
4	English / Polish (for foreigners)		30		30	Z
5	Teaching internship		15		15	Z
6	Doctoral seminar III			15	15	Z
7	Tutorial with the supervisor			10	10	Z
	Total	*0*	*85*	*25*	*110*	*X*
Semester 4		Pathways in the field/discipline				
1	Elective course*		15		15	Z
2	English / Polish (for foreigners)		30		30	Z
3	Teaching internship		15		15	Z
4	Doctoral seminar IV			15	15	Z
5	Tutorial with the supervisor			10	10	Z
	Total	*0*	*60*	*25*	*85*	*X*

Semester 5		Pathways in the field/discipline				
1	Elective course*		15		15	Z
2	English / Polish (for foreigners)		30		30	E
3	Teaching internship		15		15	Z
4	Doctoral seminar V			15	15	Z
5	Tutorial with the supervisor			10	10	Z
	Total	*0*	*60*	*25*	*85*	*X*
Semester 6		Pathways in the field/discipline				
1	Research findings commercialisation		10		10	Z
2	Elective course*		15		15	Z
3	Teaching internship		15		15	Z
4	Doctoral seminar VI			15	15	Z
5	Tutorial with the supervisor			10	10	Z
	Total	*0*	*40*	*25*	*65*	*X*
Semester 7		Pathways in the field/discipline				
1	Doctoral seminar VII			15	15	Z
2	Tutorial with the supervisor			10	10	Z
	Total	*0*	*0*	*25*	*25*	*X*
Semester 8		Pathways in the field/discipline				
1	Doctoral seminar VIII			15	15	Z
2	Tutorial with the supervisor			10	10	Z
	Total	*10*	*0*	*20*	*25*	*X*
	Total	**10**	**400**	**190**	**600**	**X**

§ 6. [Curriculum organisation]

1. At a request of the director of the doctoral school, the discipline councils propose elective courses (in the form of syllabuses), by the end of the 1st semester (end of the winter semester), together with names of persons responsible for the substantive conducting of such courses (coordinators). Elective courses may be conducted by visiting professors and third party stakeholders.
2. Members of the Advisory Board of the doctoral school opine on and verify the course syllabuses submitted. The director of the doctoral school agrees with the chair of the discipline council on the proposed changes to the curriculum.
3. Classes are conducted by persons who have specialised knowledge in the area provided for in the curriculum.
4. Staff members of particular Institutes, who specialise in the given issue, conduct interdisciplinary instruction in the form of elective courses (available for all the doctoral students, regardless of their doctoral discipline).
5. Doctoral students may elect 1 course per semester, in accordance with § 4.7.
6. Seminars are conducted in disciplines. Doctoral seminars are conducted by specialists in the given discipline/field who have experience in educating young staff, with particular focus on

educating doctoral students. It is allowed to join doctoral students from various disciplines in one group.

7. The contents presented during the elective courses and seminars include world scientific achievements in the given field/discipline.
8. As part of vocational internship, first-year doctoral students are recommended to attend classes which they will conduct in the given field of studies. This is aimed at gaining earlier experience in conducing such classes (doctoral students conduct classes on their own starting from the 2nd year of studies at the doctoral school).
9. A doctoral student completes the teaching internship during the 2nd and 3rd years of studies, of 30 hours a year in total. The schedule of classes is agreed upon with the head of the department/ the coordinator responsible for organising classes at the department (it is allowed to carry out 30 hours in one semester or 15 hours in each of two semesters).
10. It is recommended that at least one course per academic year should be conducted by vising professors or supervisors from abroad.

Chapter 3. LEARNING OUTCOMES AT THE SGGW DOCTORAL SCHOOL

§ 7. [Learning outcomes referenced to particular categories and scopes]

Table 2 presents learning outcomes carried out at the Doctoral School referenced to particular categories and scopes

Table 2. Learning outcomes referenced to specific categories and scopes (in accordance with the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of the second degree of learning outcomes for qualifications at levels 6-8 of the Polish Qualification Framework – Level 8 of the PQF (Polish Journal of Laws of 2018, item 2218)).

Learning outcome symbol	**Learning outcomes referenced to particular categories and scopes**	**Learning outcomes reference to the second degree characteristics of the National Qualification Framework (level 8 qualifications) covering doctoral competences**
	KNOWLEDGE – the graduate KNOWS and UNDERSTANDS:	
SD1_KW01*)	To the extent enabling to revise the existing paradigms in the field/discipline – the world achievements, combining theoretical background as well as general and selected detailed issues	P8S_WG
SD1_KW02	Major development trends in the field/discipline	P8S_WG
SD1_KW03	Research methodology in the field/discipline, including data analysis software	P8S_WG
SD1_KW04	Applicable rules for scientific research findings dissemination in the field/discipline, including with use of e-communication	P8S_WG
SD1_KW05	Fundamental dilemmas of the modern world	P8S_WK

SD1_KW06	Economic, legal, ethical and other conditions of scientific activity	P8S_WK
SD1_KW07	Basic rules for transfer of knowledge to the economic and social area, as well as scientific research findings commercialisation	P8S_WK
	SKILLS – the graduate IS ABLE TO:	
SD1_KU01	Use the knowledge in various fields of science for the purpose of creative identification, formulation and innovative solving of complex research problems	P8S_UW
SD1_KU02	Define the objective and the subject of scientific research and verify the research hypothesis	P8S_UW
SD1_KU03	Develop research methods and creatively apply the research methods, techniques and tools characteristic for the field/discipline	P8S_UW
SD1_KU04	Properly draw conclusions on the basis of the research findings	P8S_UW
SD1_KU05	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	P8S_UW
SD1_KU06	Transfer the results of business activity to the economic and sociological sphere, to the extent characteristic for the field/discipline	P8S_UW
SD1_KU07	Competently select and use communication techniques; including active participation in international circles	P8S_UK
SD1_KU08	Disseminate the scientific activity results, also in popular-science and popular form	P8S_UK
SD1_KU09	Initiate discussions and participate in the scientific discourse	P8S_UK
SD1_KU10	Have command of a modern language in the area of the field/discipline at B2 level of the Common European Framework of Reference for Languages, and present research findings and conduct scientific discussions in international circles	P8S_UK
SD1_KU11	Plan individual and team research activities, also in international circles	P8S_UO
SD1_KU12	Plan and pursue their own personal development and other persons' development	P8S_UU
SD1_KU13	Use teaching skills and professional qualifications relating to teaching methods and techniques, including those relating to modern methods and techniques of conducing classes	P8S_UU
SD1_KU14	Plan and conduct classes	P8S_UU
	COMPETENCES – the graduate IS READY TO:	
SD1_KK01	Critically evaluate the achievements in the field/discipline represented	P8S_KK
SD1_KK02	Represent their standpoint in scientific discussions, also of an interdisciplinary nature	P8S_KK

SD1_KK03	Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect	P8S_KK
SD1_KK04	Responsibly fulfil professional roles, including the observance of professional ethics and developing knowledge regarding the profession practiced	P8S_KO
SD1_KK05	Establish interpersonal relations and affect proper social attitudes	P8S_KO
SD1_KK06	Initiate activities benefiting public interest	P8S_KO
SD1_KK07	Undertake creative and entrepreneurial thinking and acting	P8S_KO
SD1_KK08	Support the ethos of scientific circles and conduct independent research	P8S_KR
SD1_KK09	Observe the principle of public ownership of scientist activities results and good practice in science	P8S_KR

*) explanation of codes: SD1 – Doctoral School first cycle; KW – Knowledge, KU – Skills, KK – Competences; 01, 02 (…) nn – consecutive numbers of learning outcomes.

§ 8. [Learning outcomes in reference to the module teaching system]

Table 3 presents the learning outcomes at the SGGW Doctoral School in reference to the module teaching system, with breakdown into knowledge, skills and social competences for each module separately. The outcomes have been prepared from the perspective of a doctoral student who has been awarded the doktor degree (in accordance with the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of the second degree of learning outcomes for qualifications at levels 6-8 of the Polish Qualification Framework – Level 8 of the PQF (Polish Journal of Laws of 2018 item 2218)).

Table 3. Learning outcomes at the Doctoral School with breakdown into knowledge, skills and social competences for each module separately.

Module	**Graduate of the Doctoral School of the Warsaw University of Live Sciences – SGGW**		
	Knowledge – Knows and understands:	**Skills – is able to:**	**Social competences – is ready for:**
General social module	**SD1_KW02** major development trends in the field/discipline **SD1_KW04** applicable rules for scientific research findings dissemination in the field/discipline, including with use of e-communication **SD1_KW05** fundamental dilemmas of the modern world **SD1_KW06** economic, legal, ethical and other conditions of scientific activity	**SD1_KU06** transfer the results of business activity to the economic and sociological sphere, to the extent characteristic for the field/discipline **SD1_KU07** competently select and use communication techniques; including active participation in international circles **SD1_KU09** initiate discussions and participate in the scientific discourse	**SD1_KK02** representing their standpoint in scientific discussions, also of an interdisciplinary nature **SD1_KK04** responsible fulfilment of professional roles, including the observance of professional ethics and developing knowledge regarding the profession practiced **SD1_KK05** establishing interpersonal relations and affecting proper social attitudes **SD1_KK06**

		SD1_KU10 have command of a modern language in the area of the field/discipline at B2 level of the Common European Framework of Reference for Languages, and present research findings and conduct scientific discussions in international circles	initiating activities benefiting public interest
Methodology module	**SD1_KW03** research methodology in the field/discipline, including data analysis software	**SD1_KU02** define the objective and the subject of scientific research and verify the research hypothesis **SD1_KU03** develop research methodology and creatively apply the research methods, techniques and tools characteristic for the field/discipline **SD1_KU04** properly draw conclusions on the basis of the research findings obtained **SD1_KU06** transfer the results of business activity to the economic and sociological sphere, to the extent characteristic for the field/discipline **SD1_KU09** initiate discussions and participate in the scientific discourse	**SD1_KK07** creative and entrepreneurial thinking and acting **SD1_KK08** supporting the ethos of scientific circles and conducing independent research

Teaching methods module	**SD1_KW02** major development trends in the field/discipline **SD1_KW03** research methodology in the field/discipline, including data analysis software **SD1_KW04** applicable rules for scientific research findings dissemination in the field/discipline, including with use of e-communication **SD1_KW05** fundamental dilemmas of the modern world	**SD1_KU08** disseminate the scientific activity results, also in popular-science and popular form **SD1_KU12** plan and pursue their own personal development and other persons' development **SD1_KU13** use teaching skills and professional qualifications relating to teaching methods and techniques, including those relating to modern methods and techniques of conducing classes **SD1_KU14** plan and conduct classes	**SD1_KK02** representing their standpoint in scientific discussions, also of an interdisciplinary nature **SD1_KK04** responsible fulfilment of professional roles, including the observance of professional ethics and developing knowledge regarding the profession practiced **SD1_KK08** supporting the ethos of scientific circles and conducing independent research
Legal and dissemination module	**SD1_KW04** applicable rules for scientific research findings dissemination in the field/discipline, including with use of e-communication **SD1_KW05** fundamental dilemmas of the modern world **SD1_KW06** economic, legal, ethical and other conditions of scientific activity **SD1_KW07** basic rules for transfer of knowledge to the economic and social area, as well as scientific research findings commercialisation	**SD1_KU03** develop research methods and creatively apply the research methods, techniques and tools characteristic for the field/discipline **SD1_KU06** transfer the results of business activity to the economic and sociological sphere, to the extent characteristic for the field/discipline **SD1_KU08** disseminate the scientific activity results, also in popular-science and popular form **SD1_KU11** plan individual and team research activities, also in international circles	**SD1_KK06** initiating activities benefiting public interest **SD1_KK07** creative and entrepreneurial thinking and acting **SD1_KK09** observing the principle of public ownership of scientist activities results and good practice in science
Specialised module (related to the field/discipline)	**SD1_KW01** to the extent enabling to review the existing paradigms in the field/discipline – the world achievements, combining theoretical background as well as general and selected detailed issues **SD1_KW02** major development trends in the field/discipline	**SD1_KU01** use the knowledge in various fields of science for the purpose of creative identification, formulation and innovative solving of complex research problems **SD1_KU02** define the objective and the subject of scientific research and verify the research hypothesis	**SD1_KK01** critical evaluation of the achievements in the field/discipline represented **SD1_KK02** representing their standpoint in scientific discussions, also of an interdisciplinary nature **SD1_KK03** recognising knowledge in solving cognitive and practical

	SD1_KW05 fundamental dilemmas of the modern world	**SD1_KU04** properly draw conclusions on the basis of the research findings **SD1_KU05** carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline **SD1_KU08** disseminate the scientific activity results, also in popular-science and popular form **SD1_KU09** initiate discussions and participate in the scientific discourse **SD1_KU10** have command of a modern language in the area of the field/discipline at B2 level of the Common European Framework of Reference for Languages, and present research findings and conduct scientific discussions in international circles	problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect **SD1_KK07** creative and entrepreneurial thinking and acting **SD1_KK08** supporting the ethos of scientific circles and conducing independent research

§ 9. [Learning outcomes mapping in reference to the curriculum]

Table 4 presents the learning outcomes mapping matrix in reference to the curriculum at the SGGW Doctoral School

Table 4. The learning outcomes mapping matrix (in accordance with the regulation of the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the characteristics of the second degree of learning outcomes for qualifications at levels 6-8 of the Polish Qualification Framework – Level 8 of the PQF (Polish Journal of Laws of 2018, item 2218)).

No.	Course title	Qualification framework/ learning outcomes
Semester 1		
1	Voice emission	P8S_WG, P8S_UK, P8S_KK, P8S_KO
2	Academic teaching methods	P8S_WK, P8S_UK, P8S_UU, P8S_KK, P8S_KR
3	Research methods	P8S_WG, P8S_UW, P8S_KO
4	Vocational internship (without conducting classes, co-participation)	P8S_WG, P8S_UU, P8S_KO, P8S_KR
5	English / Polish (for foreigners)	P8S_WK, P8S_UK, P8S_KO
6	Doctoral seminar I	P8S_WG, P8S_WK, P8S_UW, P8S_UK, P8S_KK
Semester 2		
1	Auto-presentation, communication, interpersonal relations	P8S_WG, P8S_UK, P8S_KK, P8S_KO
2	Preparing applications for research projects	P8S_WK, P8S_UW, P8S_UO, P8S_KO, P8S_KR
3	Academic writing in English	P8S_WG, P8S_UW, P8S_UK, P8S_KK, P8S_KO
4	Vocational internship (without conducting classes, co-participation)	P8S_WG, P8S_UU, P8S_KO, P8S_KR
5	Research methods in the field/discipline	P8S_WG, P8S_UW, P8S_KR
6	English / Polish (for foreigners)	P8S_WK, P8S_UK, P8S_KO
7	Doctoral seminar II	P8S_WG, P8S_WK, P8S_UW, P8S_UK, P8S_KK
8	Tutorial with the supervisor	P8S_WG, P8S_UW, P8S_KK, P8S_KO, P8S_KR
Semester 3		
1	Statistics	P8S_WG, P8S_UW, P8S_KO
2	Workshop on popularisation of science	P8S_WK, P8S_UK, P8S_UO, P8S_KO
3	Elective course*	P8S_WG, P8S_UK, P8S_KK, P8S_KR
4	English / Polish (for foreigners)	P8S_WK, P8S_UK, P8S_KO
5	Teaching internship	P8S_WG, P8S_UU, P8S_KO, P8S_KR
6	Doctoral seminar III	P8S_WG, P8S_WK, P8S_UW, P8S_UK, P8S_KK
7	Tutorial with the supervisor	P8S_WG, P8S_UW, P8S_KK, P8S_KO, P8S_KR

Semester 4		
1	Elective course*	P8S_WG, P8S_UK, P8S_KK, P8S_KR
2	English / Polish (for foreigners)	P8S_WK, P8S_UK, P8S_KO
3	Teaching internship	P8S_WG, P8S_UU, P8S_KO, P8S_KR
4	Doctoral seminar IV	P8S_WG, P8S_WK, P8S_UW, P8S_UK, P8S_KK
5	Tutorial with the supervisor	P8S_WG, P8S_UW, P8S_KK, P8S_KO, P8S_KR
Semester 5		
1	Elective course*	P8S_WG, P8S_UK, P8S_KK, P8S_KR
2	English / Polish (for foreigners)	P8S_WK, P8S_UK, P8S_KO
3	Teaching internship	P8S_WG, P8S_UU, P8S_KO, P8S_KR
4	Doctoral seminar V	P8S_WG, P8S_UW, P8S_UK, P8S_KO, P8S_KR
Semester 6		
1	Research findings commercialisation	P8S_WK, P8S_UW, P8S_KK, P8S_KR
2	Elective course*	P8S_WG, P8S_UK, P8S_KR
3	Teaching internship	P8S_WG, P8S_UU, P8S_KO, P8S_KR
4	Doctoral seminar VI	P8S_WG, P8S_WK, P8S_UW, P8S_UK, P8S_KK
5	Tutorial with the supervisor	P8S_WG, P8S_UW, P8S_KK, P8S_KO, P8S_KR
Semester 7		
1	Doctoral seminar VII	P8S_WG, P8S_WK, P8S_UW, P8S_UK, P8S_KK
2	Tutorial with the supervisor	P8S_WG, P8S_UW, P8S_KK, P8S_KO, P8S_KR
Semester8		
1	Doctoral seminar VIII	P8S_WG, P8S_WK, P8S_UW, P8S_UK, P8S_KK
2	Tutorial with the supervisor	P8S_WG, P8S_UW, P8S_KK, P8S_KO, P8S_KR

§ 10. [Completion and credit awarding rules]

1. A doctoral student is obliged to complete the curriculum in accordance with the rules set out in § 5.
2. At the end of each semester of studies (determined in accordance with the academic year organisation applicable at the Warsaw University of Life Sciences), the doctoral student is obliged obtain credits for the curriculum courses.
3. Credits for the courses are given in accordance with the following grading scale:

Descriptive grade	Grade in numbers	Grade symbol
Bardzo dobry [*Very good*]	5.0	A
Dobry plus [*Good plus*]	4.5	B
Dobry [*Good*]	4.0	C
Dostateczny plus [*Satisfactory plus*]	3.5	D
Dostateczny [*Satisfactory*]	3.0	E
Niedostateczny [*Fail*]	2.0	F – fail

4. The doctoral seminar, science popularisation workshop, tutorial with the supervisor and professional/teaching internship are graded on the pass/fail scale.
5. At the end of the 1st and 3rd year of studies (by 30 September), the doctoral student shall submit to the doctoral school office a report on doctoral dissertation progress, with an opinion of the supervisor(s) or the supervisor and the auxiliary supervisor. The doctoral student shall prepare the report using the uniform form available from the website of the doctoral school. The report shall be approved by the discipline council, and then shall be forwarded to the director of the doctoral school by the chair of the discipline council (by 30 November).
6. Within 12 months from the commencement of studies (by 30 September), the doctoral student shall submit to the director of the doctoral school, the Individual Research Plan (the IRP), with the opinion of the supervisor(s) or the supervisor and the auxiliary supervisor.
7. At the end of the 2nd year of studies (by 20 September), the doctoral student shall submit to the doctoral school office the documentation required in order to carry out the mid-term evaluation as set out in the Regulations of the SGGW Doctoral School.
8. The conditions to obtain credit for consecutive years of studies and implantation of the IRP:
    a. The condition to complete the 1st year of studies is obtaining credits for the courses provided for in the curriculum and to submit the Individual Research Plan (IRP).
    b. The condition to complete the 2nd year of studies is to obtain credits for the courses provided for in the curriculum, a positive result of the mid-term evaluation, including completion of the schedule set out in the IRP. The mid-term evaluation is carried out by 30 September, i.e. no later than by the end of the 4th semester of studies. The documentation regarding the compliance with the said conditions shall be forwarded to the director of the doctoral school immediately once the mid-term evaluation has been carried out, no later than by 15 October.
    c. The condition to complete the 3rd year of studies is to obtain credits for the courses provided for in the curriculum, complete the schedule set out in the IRP, and demonstrating progress in preparation of the doctoral dissertation.
    d. The condition to complete the 4th year is to complete the curriculum at the doctoral school and submit the doctoral dissertation together with a positive opinion from the supervisor or the supervisors by 30 September.
9. The procedure to award the doktor degree may be initiated at any stage of the studies at the doctoral school. The condition to initiate the procedure is to submit the doctoral dissertation

together with a positive opinion from the supervisor or supervisors along with other required documents specified in other internal legal acts of the SGGW to the discipline council.

10. In exceptional and justified cases, at a request of the doctoral student approved by the supervisor or the supervisors, the director of the doctoral school may postpone the deadline for submitting the documents relating to completion of particular years of study.
11. The purpose of opinions on the scientific progress of the doctoral students pursuing studies at the doctoral school to be issued by discipline councils is to monitor regular implementation of the doctoral student's research and scientific development, but, primarily, to provide the young scientist with substantive support.
12. An additional element taken into account in evaluating the doctoral student is their dissemination and implantation activity (e.g., popular-science publications and publications popularising the knowledge, participation in conferences, public lectures, participation in scientific festivals) as well as training and scientific placements, applications for science grants and implantation of the same.

§ 11. [Characteristics of the modules and objectives pursued in the area of particular courses within the curriculum]

1. **General social module** – the purpose of the courses comprised in the module is to enable the doctoral students to gain the skills of speaking freely and presenting professionally the research findings, establishing interpersonal contacts easily in national and international scientific circles. In this area, auto-presentation and proper voice emission (to protect one's health) is important – later in the course of the studies, this skill will prove useful while conducting classes for students.
2. **Methodology module** – contains a set of classes during which the doctoral students – first at classes common for all the students, and then within their field/discipline-specific specialisation pathways – will gain the skills of proper selection and application of research methods.
3. **Teaching methods module** – enables the doctoral student to prepare for the teaching work. For this purpose, the doctoral students will become familiar with academic teaching methods, and will complete vocational internship – first observing experienced academic teaching staff, and then carrying out their own student classes.
4. **Legal and dissemination module** – the purpose of the module is to establish links between the research and teaching work and the past achievements of eminent scientists. Methods will be indicated enabling to benefit from achievements in the field of literature/patents in compliance with ethical and legal standards. The doctoral students will have an opportunity to familiarise themselves with issues regarding commercialisation of research findings, etc. They will also have an opportunity to learn about the rules for preparing applications for research projects and they will also participate in science popularisation workshops.
5. **Specialised module (in the field/discipline)** – is carried out at each stage of studies at the Doctoral School of the Warsaw University of Life Sciences – SGGW, in order to enable the doctoral students to pursue their individual development pathways in the given field/discipline by choosing elective courses, flexible formulation of their class schedule, participating in seminars as well as in training courses and academic placements.

§ 12. [Coverage matrix of learning outcomes in accordance with the Polish Qualification Framework 8]

Learning Outcomes Matrix for the Doctoral School of the Warsaw University of Life Sciences

No.	Study program / Learning OUTCOMES / Learning outcome SYMBOL	KNOWLEDGE - the graduate KNOWS AND UNDERSTANDS:									SKILLS - the graduate IS ABLE TO:																	COMPETENCES - the graduate IS READY TO:									
		SD1_KW01	SD1_KW02	SD1_KW03	SD1_KW04	SD1_KW05	SD1_KW06	SD1_KW07	SD1_KU01	SD1_KU02	SD1_KU03	SD1_KU04	SD1_KU05	SD1_KU06	SD1_KU07	SD1_KU08	SD1_KU09	SD1_KU10	SD1_KU11	SD1_KU12	SD1_KU13	SD1_KU14	SD1_KK01	SD1_KK02	SD1_KK03	SD1_KK04	SD1_KK05	SD1_KK06	SD1_KK07	SD1_KK08	SD1_KK09
		To the extent enabling to revise the existing paradigms in the field/discipline - the world achievements, gathering theoretical background as well as general and selected detailed issues	Major general development trends in the field/discipline	Research methodology in the field/discipline, including data analysis software	Applicable rules for scientific research findings dissemination in the field/discipline, including with use of e-communication	Fundamental dilemmas of the modern world	Economic, legal, ethical and other conditions of scientific activity	Basic rules for transfer of knowledge to the economic and social area, as well as scientific research findings commercialisation	Use the knowledge in various fields of science for the purpose of creative identification, formulation and innovative solving of complex research problems	Define the objective and the scientific research and verify the research hypothesis	Develop research methods and creatively apply the research methods, techniques and tools characteristic for the field/discipline	Draw properly conclusions on the basis of the research findings	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	Transfer the results of business activity to the economic and sociological sphere, to the extent characteristic for the field/discipline	Competently select and use communication techniques, including active participation in international circles	Disseminate the scientific activity results, also in popular-science and popular form	Initiate discussions and participate in the scientific discourse	Have command of a modern language in the area of the field/discipline at B2 level of the Common European Framework of Reference for Languages, and present research findings and conduct scientific discussions in international circles	Plan individual and team research activities, also in international circles	Plan and pursue their own personal development and other persons' development	Use teaching skills and professional qualifications relating to teaching methods and techniques, including those relating to modern methods and techniques of conducting classes	Plan and conduct classes	Critically evaluate the achievements in the field/discipline represented	Represent their standpoint in scientific discussions, also interdisciplinary ones	Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect	Responsibly fulfil professional roles, including the observance of professional ethics and developing knowledge regarding the profession practiced	Establish interpersonal relations and affect proper social attitudes	Initiate activities benefiting public interest	Undertake creative and entrepreneurial thinking and acting	Support the ethos of scientific circles and conduct independent research	Observe the principle of public ownership of scientist activities results and good practice in science
1	Voice emission	x													x		x															
2	Auto-presentation, communication, interpersonal relations				x										x		x							x								
3	Modern foreign language					x									x			x									x					
4	Research methods			x							x	x																	x			
5	Research methods in the field/discipline			x						x	x				x															x		
6	Statistics			x						x	x																		x			
7	Academic teaching methods					x										x		x			x										x	
8	Vocational internship (without conducting classes, co-participation)		x																	x	x	x				x					x	
9	Teaching internship		x																	x	x					x					x	
10	Research findings commercialisation					x		x						x					x													x
11	Preparing applications for research projects						x				x																		x			x
12	Workshop on popularisation of science							x								x		x										x				
13	Academic Writing in English	x							x				x			x		x					x						x			
14	Elective course	x	x																				x							x		
15	Tutorial with the supervisor	x	x									x												x						x		
16	Doctoral seminar I-IV	x	x			x				x													x									
17	Doctoral seminar V-VIII	x	x			x						x	x					x					x	x								