

**THE EDUCATION PROGRAMME
AT THE CRACOW UNIVERSITY OF TECHNOLOGY DOCTORAL
SCHOOL effective since the academic year 2024/2025**

I

General provisions

1. The educational programme of the Cracow University of Technology Doctoral School, hereinafter referred to as the Doctoral School or the CUT DS, has been developed pursuant to the act *Law on the Higher Education and Science* of the 20th July 2018 (J. of L. of 2022, item 574, as amended), *the Act* of the 22nd December 2015 *on the Integrated Qualifications Systems* (J. of L. of 2020, item 226) and *the Regulation of the Minister of Science and Higher Education* of the 14th November 2018 *on the second degree characteristics of learning outcomes for levels 6 – 8 qualifications according to the Polish Qualifications Framework* (J. of L. of 2018, item 2218).
2. The Doctoral School provides education in the disciplines in which Cracow University of Technology is entitled to confer academic degrees. Disciplines in which education is provided have been specified in the Regulation of the CUT Rector on establishing the CUT DS.
3. A doctoral student receives education at the Doctoral School in one discipline or in an interdisciplinary mode.
4. The education programme, upon the motion of the CUT Doctoral School Council and having obtained the opinion of the University Council of the Doctoral Students' Association, is approved by the Senate. The list of modular courses is approved by the President of the Scientific Council of the relevant discipline.
5. The education cycle at the Doctoral School lasts 8 semesters. In reasonably justified cases, subject to the CUT DS Head's consent, the education cycle may last 6 semesters.
6. Tuition at the Doctoral School may be offered in Polish or English.
7. The number of the ECTS points assigned to the education programme at the Doctoral School is at least 40 ECTS.
8. Classes stipulated in the education programme at the Doctoral School are mandatory.
9. Detailed rules for achieving learning outcomes and the forms of their evaluation have been specified in the syllabuses of individual courses.
10. Completion of the Doctoral School education programme leads to achieving the learning outcomes reflecting their general characteristics for the level 8 qualification of the Polish Qualifications Framework specified in the effective regulation of the Minister of Science and Higher Education of the 14th November 2018 on the second degree characteristics of learning outcomes for levels 6 – 8 qualifications according to the Polish Qualifications Framework (J. of L. of 2018, item 2218).
11. The doctoral student's education cycle at the Doctoral School ends with the submission of their doctoral dissertation.

II

Time Schedule of the Education Programme (8 semesters)

Semester	Courses	ECTS	Symbol of the learning outcomes at the CUT DS	Reference to		Number of hours
				universal first degree characteristics of the PQF*	the second degree characteristics of learning outcomes**	
1	Pedagogy and Psychology (15h)	1	E_W05, E_U10, E_U11	P8U_W, P8U_U	P8S_WK, P8S_UU	75h
	English – specialist text writing (15h) /International module I³	1	E_U04, E_U08	P8U_U	P8S_UK, P8S_UK	
	Selected aspects of conducting scientific research (45h): a) Obtaining grants b) Scientific research methodology c) Scientific information d) Intellectual property protection – patent bases e) Ethics in scientific research	3	E_W03, E_W04, E_W05, E_W06, E_W07, E_U01, E_U03, E_U09, E_K04, E_K05, E_K06, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_WK, P8S_UW, P8S_UO, P8S_KO, P8S_KR	
2	Modular courses selected from the list (30h)¹	2	E_W01, E_W02, E_U01, E_K01, E_K03	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK	60h
	English - oral academic discourse (15h) /International module II³	2	E_U04, E_U08	P8U_U	P8S_UK, P8S_UK	
	Doctoral seminar in the discipline (15h)	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U10,	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_UK, P8S_UO, P8S_UU, P8S_KK, P8S_KR	

			E_K01, E_K02, E_K03, E_K07			
3	Modular courses selected from the list (30h)¹	2	E_W01, E_W02, E_U01, E_K01, E_K03,	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK,	45h
	Doctoral seminar in the discipline (15h) /International module III³	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U10, E_K01, E_K02, E_K03, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_UK, P8S_UO, P8S_UU, P8S_KK, P8S_KR	
4	Modular courses selected from the list (30h)¹	2	E_W01, E_W02, E_U01, E_K01, E_K03,	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK,	45h
	Doctoral seminar in the discipline (15h)	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U10, E_K01, E_K02, E_K03, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_UK, P8S_UO, P8S_UU, P8S_KK, P8S_KR	
5	Modular courses selected from the list (30h)¹	2	E_W01, E_W02, E_U01, E_K01, E_K03,	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK,	45h
	Doctoral seminar in the discipline (15h)	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U10, E_K01, E_K02, E_K03, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_UK, P8S_UO, P8S_UU, P8S_KK, P8S_KR	
6	Economics or philosophy (15h)	2	E_W05, E_W06, E_K06	P8U_W, P8U_K	P8S_WK, P8S_KO	30h
	Doctoral seminar in the discipline (15h)	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U10, E_K01, E_K02, E_K03, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_UK, P8S_UO, P8S_UU, P8S_KK, P8S_KR	
7	Preparation of the doctoral dissertation	2	E_W04, E_U05,	P8U_W, P8U_U,	P8S_WG, P8S_UK,	15h

			E_K07	P8U_K	P8S_KR	
8	Preparation for the doctoral dissertation defence	1	E_U05, E_U06, E_U07, E_K07	P8U_U, P8U_K	P8S_UK, P8S_KR	10h
1-6	Professional internship²	10	E_U10, E_U11	P8U_U	P8S_UU	75h

* The description of the assumed learning outcomes encompasses all the universal first degree characteristics specified in the act of the 22nd December 2015 on the Integrated Qualifications System (J. of L. of 2016, item 64, as amended) relevant for a given level of the Polish Qualifications Framework (PQF).

** All second degree characteristics of learning outcomes specified in the regulation of the Minister of Science and Higher Education of the 14th November 2018 on the second degree characteristics of learning outcomes for levels 6 – 8 qualifications according to the Polish Qualifications Framework (J. of L. of 2018, item 2218).

NOTES:

1. Modular courses are elective courses within the framework of specific disciplines in which education is provided. In the case of interdisciplinary education, the doctoral student selects modular courses in the disciplines in which they develop their doctoral thesis.
2. The scope of the professional internship in the form of teaching classes or participation in teaching classes:
 - I year – 15 h
 - II year – 30 h
 - III year – 30 h
3. Module taken in English, upon approval of the Director of the Doctoral School of Cracow University of Technology, in the form of international classes (e.g. Blended Intensive Programme /BIP/ modules taken within the framework of the Stars EU Alliance).

III

Time Schedule of the Education Programme (6 semesters)

Semester	Courses	ECTS	Symbol of the learning outcomes at the CUT DS	Reference to		Number of hours
				universal first degree characteristics of the PQF*	the second degree characteristics of learning outcomes**	
1	Pedagogy and Psychology (15h)	1	E_W05, E_U10, E_U11	P8U_W, P8U_U	P8S_WK, P8S_UU	75h
	English – specialist text writing (15h) /International module I³	1	E_U04, E_U08	P8U_U	P8S_UK, P8S_UK	
	Block A – Selected aspects of conducting scientific research (45h): a) Obtaining grants b) Scientific research methodology c) Scientific information d) Intellectual property protection – patent bases e) Ethics in scientific research	3	E_W03, E_W04, E_W05, E_W06, E_W07, E_U01, E_U03, E_U09, E_K04, E_K05, E_K06, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_WK, P8S_UW, P8S_UO, P8S_KO, P8S_KR	
2	Modular courses selected from the list (30h)¹	2	E_W01, E_W02, E_U01, E_K01, E_K03	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK	60h
	English – oral academic discourse (15h) /International module II³	2	E_U04, E_U08	P8U_U	P8S_UK, P8S_UK	
	Doctoral seminar in the discipline (15h)	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U10,	P8U_W, P8U_U,	P8S_WG, P8S_UW, P8S_UK, P8S_UO, P8S_UU,	

			E_K01, E_K02, E_K03, E_K07	P8U_K	P8S_KK, P8S_KR	
3	Modular courses selected from the list (30h)¹	2	E_W01, E_W02, E_U01, E_K01, E_K03,	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK,	45h
	Doctoral seminar in the discipline (15h) / International module III³	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U10, E_K01, E_K02, E_K03, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_UK, P8S_UO, P8S_UU, P8S_KK, P8S_KR	
4	Modular courses selected from the list (30h)¹	2	E_W01, E_W02, E_U01, E_K01, E_K03,	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK,	45h
	Doctoral seminar in the discipline (15h)	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U10, E_K01, E_K02, E_K03, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_UK, P8S_UO, P8S_UU, P8S_KK, P8S_KR	
5	Modular courses selected from the list (30h)¹	2	E_W01, E_W02, E_U01, E_K01, E_K03,	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK,	60h
	Doctoral seminar in the discipline (15h)	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U10, E_K01, E_K02, E_K03, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_UK, P8S_UO, P8S_UU, P8S_KK, P8S_KR	
	Preparation of the doctoral dissertation (15h)	2	E_W04, E_U05, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UK, P8S_KR	
6	Economics or philosophy (15h)	2	E_W05, E_W06, E_K06	P8U_W, P8U_K	P8S_WK, P8S_KO	40h
	Doctoral seminar in the discipline (15h)	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U10, E_K01, E_K02, E_K03, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_UK, P8S_UO, P8S_UU, P8S_KK, P8S_KR	

	Preparation for the doctoral dissertation defence (10h)	1	E_U05, E_U06, E_U07, E_K07	P8U_U, P8U_K	P8S_UK, P8S_KR	
1-6	Professional internship²	10	E_U10, E_U11	P8U_U	P8S_UU	75h

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