

THE EDUCATION PROGRAMME
AT THE CRACOW UNIVERSITY OF TECHNOLOGY DOCTORAL SCHOOL
in the discipline of Architecture and Urban Sciences
within the framework of cooperation with
FH Münster University of Applied Sciences (FH Münster)
effective since the academic year 2023/2024

I

General provisions

1. The education 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 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 2018, item 2153) 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), as well as pursuant to the bilateral agreement concluded between Cracow University of Technology and FH Münster University of Applied Sciences, hereinafter referred to as FH Münster.
2. Education at the CUT DS offered in cooperation with FH Münster is provided in the discipline of Architecture and Urban Sciences, in which Cracow University of Technology is entitled to confer academic degrees.
3. The education programme is approved by the Senate upon the motion of the CUT DS Head. The list of modular courses is approved by the President of the Scientific Council of the discipline of Architecture and Urban Sciences.
4. The education cycle at the CUT DS offered in cooperation with FH Münster lasts 6 semesters.
5. The instruction at the CUT DS offered in cooperation with FH Münster may be delivered in English, Polish or German.
6. The number of ECTS points assigned to the education programme at the CUT DS offered in cooperation with FH Münster is at least 40 ECTS.
7. The number of ECTS points required to be obtained by doctoral students at FH Münster is at least 60 ECTS.
8. Doctoral students obtain at least 20 ECTS points, out of 40 ECTS points required to complete the education programme at CUT DS, for courses conducted at Cracow University of Technology.
9. Doctoral students may obtain no more than 20 ECTS points, out of 40 ECTS points required to complete the education programme at CUT DS, for courses conducted at FH Münster, approved and listed in this CUT DS education programme and featured in the eHMS system of Cracow University of Technology.

10. Doctoral students obtain the 20 ECTS points which constitute the difference between the number of points required of doctoral students at FH Münster (60 ECTS points) and the number of points required at CUT DS (40 ECTS points obtained jointly at CUT DS and FH Münster) at FH Münster, pursuant to separate regulations and the education programme effective at FH Münster.
11. The courses featured in the education programme at CUT DS offered in cooperation with FH Münster are mandatory, with the possibility of selecting some courses for which such option has been provided.
12. Detailed rules for achieving the learning outcomes and the forms of their evaluation have been specified in the syllabuses of individual courses.
13. Completion of the education programme of the CUT DS offered in cooperation with FH Münster is possible within the framework of the Individual Organisation of the Education Process, in compliance with the CUT Doctoral School General Regulations.
14. Completion of the education programme of the CUT DS offered in cooperation with FH Münster leads to the achievement of the learning outcomes reflecting the general characteristics of learning outcomes 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).
15. The doctoral student's education cycle at the CUT Doctoral School, in cooperation with FH Münster, ends with the submission of their doctoral dissertation at Cracow University of Technology.

II

Time Schedule of the Education Programme

Semester	Courses	Where the courses are conducted: CUT / FHM	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 of the PQF**	
1	Pedagogy and Psychology (15h)	CUT	1	E_W05, E_U10, E_U11	P8U_W, P8U_U	P8S_WK, P8S_UU	75h
	English (15h)	CUT	1	E_U04, E_U08	P8U_U	P8S_UK, P8S_UK	
	Group A – selected aspects of conducting scientific research (45h): a) Obtaining grants b) Scientific research methodology c) Scientific information d) Intellectual property protection – patent bases a) Ethics in scientific research	CUT	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 or: Architectural Knowledge Pool (30h)	CUT or FHM	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 (15h)	CUT	2	E_U04, E_U08	P8U_U	P8S_UK, P8S_UK	
	Seminar (15h) (conducted in the discipline) or: Research Basics (15h)	CUT or FHM	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U010, 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	
3	Modular courses selected from the list (30h)¹ or: Architectural Knowledge Pool (30h)	CUT or FHM	2	E_W01, E_W02, E_U01, E_K01, E_K03	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK	45h

Semester	Courses	Where the courses are conducted: CUT / FHM	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 of the PQF**	
	Seminar (15h) (conducted in the discipline)	CUT	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U010, 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	CUT	2	E_W01, E_W02, E_U01 E_K01, E_K03	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK	45h
	Seminar (15h) (conducted in the discipline) or: Technology Tools (15h)	CUT or FHM	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U010, 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	CUT	2	E_W01, E_W02, E_U01 E_K01, E_K03	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UW, P8S_KK	60h
	Seminar (15h) (conducted in the discipline) or: Showcase (15h)	CUT or FHM	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U010, 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) or: Mentoring (15h)	CUT or FHM	2	E_W04, E_U05, E_K07	P8U_W, P8U_U, P8U_K	P8S_WG, P8S_UK, P8S_KR	
6	Economics or Philosophy (15h)	CUT	2	E_W05, E_W06 E_K06	P8U_W, P8U_K	P8S_WK, P8S_KO	40h

Semester	Courses	Where the courses are conducted: CUT / FHM	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 of the PQF**	
	Seminar (15h) (conducted in the discipline) or: Showcase (15h)	CUT or FHM	2	E_W01, E_W02, E_U01, E_U02, E_U06, E_U07, E_U09, E_U010, 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)	CUT	1	E_U05, E_U06, E_U07, E_K07	P8U_U, P8U_K	P8S_UK, P8S_KR	
1 - 6	Professional internship² or: Professional internship (40%) and Mentoring (60%)	CUT or CUT and FHM	10 (at least 4 ECTS at CUT, no more than 6 ECTS at FHM)	E_U10, E_U11	P8U_U	P8S_UU	75h (at least 30h at CUT, no more than 45h at FHM)
1 - 6	Courses completed as part of the education programme at FH Münster, of the total number of 20 ECTS points, constituting a complementary part of this time schedule, yet which are not a part that is required at Cracow University of Technology	FHM	20	According to individual programmes and syllabuses specified at FH Münster			

* The description of the assumed learning outcomes for a higher education study programme, level and profile of education 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 (PQF) (J. of L. of 2018, item 2218).

NOTES:

1. Modular courses are elective courses. The list of modular courses may be updated, yet no later than 5 months prior to the commencement of the academic year.
2. The scope of the professional internship in the form of teaching classes or participation in teaching classes:
I year – 15 h; II year – 45 h; III year – 15 h

