COURSE DESCRIPTION

General information		
Lead instructor	All active mentors	
Course name	**CDS-07: Individual Research Work 3**	
Study programme	**Computer and Data Science, third cycle Doctoral Study Programme**	
Course status	Mandatory	
Year	Third	
Number of credits and mode of delivery	ECTS student workload coefficient	50
	Number of hours (L+P+S)	-/-/1500

Course description
1.1. Course goals
- Collecting the additional primary and secondary data required for the doctoral dissertation based on the actual needs - Conducting the complete and final analyses based on the collected materials - Final and complete testing of the developed solutions - Preparing the complete draft of the doctoral dissertation approved by the mentor - Preparations for the defense of the doctoral dissertation - Consulations with the (co-)mentor referring to all elements of the course content
1.2. Course enrolment requirements
There is none.
1.3. Intended course learning outcomes
Knowledge and understanding: The student: - Prepares the draft of her/his doctoral dissertation based on the results of her/his research - Prepares for the defense of her/his doctoral dissertation
1.4. Course content
Learning unit contributes to the development of the following general competences: - ability to create new knowledge, which represents a contribution to science - mastery of standard research methods, procedures and processes in diverse scientific fields - ability for independent research-development work and leadership of a research group - commitment to professional ethics and subject-specific competencies: - ability to solve concrete research problems in individual scientific fields

- development of skills and abilities in usage of knowledge in the scientific field of doctoral dissertation
- ability to innovatively use and combine diverse research methods

1.5. *Modes of delivery (mark the appropriate boxes with an X)*	☒ *lectures* ☐ *seminars and workshops* ☒ *practicals* ☐ *remote learning* ☐ *field work*	☒ *independent work* ☐ *multimedia and network* ☐ *laboratory* ☐ *supervision* ☐ *other* _____

1.6. *Student obligations*

1.7. *Monitoring student work (mark the appropriate boxes with an X)*

Class attendance		Participation in class		Seminar paper		Experimental work	
Written exam		Oral exam		Essay		Research	
Project		Continuous assessment of knowledge		Student report		Practical work	
Portfolio		Schoolwork		Homework			

1.8. *Assessment and evaluation of student work during classes and the final exam*

Type (examination, oral, coursework, project):

- The grading of the learning unit is provided by the mentor. The grade »passed« is given if the student prepares an appropriate draft of the doctoral dissertation, which is approved by the mentor and any co-mentor, 100%

1.9. *Required readings and number of copies relative to the number of students currently taking the course*

Title	*Number of copies*	*Number of students*
Defined based on the topic of a particular doctoral dissertation		

1.10. *Supplementary readings*

1.11. *Methods of quality monitoring that ensure the acquisition of knowledge, skills and competences.*