

Course unit title	DEGREE PROJECT
Course unit code	3C12
Type of course unit	Compulsory
Semester	3
Number of ECTS credits allocated	30
Name of lecturer(s)	František WALD (CTU); Lecturer (UC); Lecturer (UNINA); Lecturer (UPT); Lecturer (ULg); Lecturer (LTU)
Expected result	<p>The overall objective of the Degree project is that the student practices, develops and is able to apply theory and methods to solve problems relevant to a profession as Master of Science in Engineering.</p> <p>This means that on completion of the project the student is able to:</p> <ul style="list-style-type: none"> - Formulate relevant questions for investigation from a chosen subject within the subject area. Apply knowledge and proficiency that has been acquired during the period of study to a complex development project or a smaller research project in an independent and systematic manner. - Choose and justify the study method for an investigation. - Analyse and defend the problem formulated in a correct manner with respect to science and engineering, without complete information. - Locate and critically review information and summarise this in a scientific manner. - Plan, structure and execute a project within research, development or investigation. - Judge the scientific and practical relevance of the results obtained. - Work to a timetable. - Express them well in writing in a verbally and scientifically

	<p>correct manner.</p> <ul style="list-style-type: none"> - Create and execute a presentation of the results of the project, defending the conclusions.
Project content	The content of the degree project is designed in collaboration with the supervisor from host University. The degree project always contains a theoretical foundation in the form of a literature survey that highlights the area of technology and the methodology, summarised in a scientific manner.
Prerequisites and co-requisites	All exams SUSCOS_M courses need be passed.
Course contents	The content of the degree project is designed in collaboration with the supervisor from host University. The degree project always contains a theoretical foundation in the form of a literature survey that highlights the area of technology and the methodology, summarised in a scientific manner.
Execution	The student independently plans and executes the degree project; the supervisor is available for assistance. A timetable of the project is continuously reviewed.
Extent	<p>The length round 100 p. is expected. At least one hard copy and pdf version will be delivered for review and defence based on host University internal rules.</p> <p>The work will consist of Recommended cover and first pages, Abstract, Keyword, List of contents, Declaration that the work was prepared independently under the guidance of the leader, List of references and host university local requirements.</p>
Professional review of the project	Project will be thoroughly reviewed by independent professional person outside the University.
Language	English
Defence of project	Project will be defended ahead of host University jury during one hour procedure till the end of January of last year of study.
State exam	The results of Degree project will be presented during of State Exam at Czech Technical University in Prague in February of last year of study. The state exam will consist of 2/3of defend of

	Degree project and 1/3 of questions from basic principles of all lectures delivered in the SUSCOS_M course.
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