

### DESCRIPTION OF A STUDY COURSE – SYLLABUS

<b>Title of a course</b>	<b>Specialist final thesis</b>				
<b>Head of course</b>	<b>Mentor (Course Leader)</b>				
<b>Study programme</b>	<b>Specialist professional graduate study of Information Technology in Business Systems</b>				
<b>Status of a course</b>	Obligatory				
<b>Year of study</b>	2.	<b>Semester</b>	IV	<b>ECTS credits</b>	15
<b>Teaching plan (L + E + S+ Pr)</b>	Consultations with the mentor in accordance with the Final Thesis Rulebook.				
<b>Goals of a course</b>					
To enable the student to develop deeper knowledge, understanding, abilities and attitudes in the context of study program, i.e. to deepen knowledge of the relevant course / topic of work, including deeper insight into current research work. Develop the ability to think critically and independently identify, formulate and solve a professional / scientific problem and develop the ability to discuss the conclusions presented.					
<b>Conditions for defending specialist final thesis</b>					
All specialist study exams passed, i.e. 120 ECTS credits gained.					
<b>Learning outcomes on a level of a study programme which includes course</b>					
Learning outcomes related to the affiliated course.					
<b>Expected learning outcomes on a level of a course</b>					
<ol style="list-style-type: none"> <li>1. Define and independently solve a professional/scientific problem</li> <li>2. Apply professional and/or scientific thesis writing methodology</li> <li>3. Apply the acquired knowledge and competences acquired through specialist study</li> <li>4. Apply acquired knowledge and specific competences from an associated course</li> <li>5. Adhere to ethical principles and rules for citing literature</li> <li>6. Present and interpret research results</li> </ol>					
<b>Content of a course</b>					
<p>Specialist study of Information Systems has as its final goal preparation and presentation of the specialist final thesis. This final thesis represents specialist elaboration of a specific problem. The student is expected to demonstrate his ability to use methods and techniques of analysing and presenting business processes and designing information systems as their support. When elaborating the selected theme the student applies the acquired knowledge and expertise.</p> <p>The choice of theme is in line with the syllabus of the specialist study of Information Systems. The students work on the theme supervised by their mentor. The thesis has to contain between 30 and 50 pages and has to be handed in four copies. Through presentation of the final specialist thesis before a Board, the student's knowledge and presentation of the specific problem is tested as well as his overall knowledge gained during the studies.</p>					
<b>Teaching modes</b>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> auditory exercises <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> distance learning <input type="checkbox"/> field classes		<input checked="" type="checkbox"/> individual assignments <input type="checkbox"/> multimedia and network <input type="checkbox"/> laboratory <input type="checkbox"/> supervisor's work <input type="checkbox"/> other _____		
<b>Comments</b>					
<b>Students' obligations</b>					
<b>Grading, evaluation and monitoring of students' work continuously during lectures and exams</b>					
Assessing the adoption of course learning outcomes. The final work is carried out in accordance with the Rulebook on final work and the Rulebook on evaluation					

Outcomes	Written part of the specialist thesis	Public Defense	Max
Outcome 1	20		20
Outcome 2	5		5
Outcome 3	15		15
Outcome 4	20		20
Outcome 5	5		5
Outcome 6		35	35
Percentage of ECTS	10	5	15
Total	65	35	100

The elements of the follow-up and description of the associated rating are listed below:

Written part of the final thesis

Excellent (5) - work is logically well structured, factually accurate, subdivisions are linked, relevant and recent literature has been used.

Very good (4) - The work is well structured, facts are presented, the literature is properly processed, but the approach lacks creativity.

Good (3) - Only some of the relevant aspects of the topic are presented in the thesis, the literature is addressed correctly, but only partially, basic professional vocabulary is used.

Sufficient (2) - there are some shortcomings in the thesis, the basic concepts are superficially explained and there is no deeper knowledge of the topic.

Public defence of the thesis

Excellent (5) - the presentation is clear and highly informative, the answers to the questions are accurate and creative.

Very good (4) - the presentation is clear and substantive, the answers to the questions are only correct, they do not indicate a deeper reflection on the topic.

Good (3) - The presentation is clear and informative, but without a clear link between theory and practice. Ability to answer simple questions only.

Sufficient (2) - Presentation is a retelling of a read text, answers to questions are scarce.

#### **Obligatory literature**

Final Thesis Rulebook

#### **Additional literature**

