

## DESCRIPTION OF A STUDY COURSE – SYLLABUS

<b>Title of a course</b>	<b>Economics of Information Systems</b>				
<b>Study programme</b>	<b>Professional undergraduate study Information Science</b>				
<b>Status of a course</b>	Obligatory				
<b>Year of study</b>	3	<b>Semester (Winter/Summer)</b>	W	<b>ECTS credits</b>	4
<b>Goals of a course</b>					
Students acquire the basic knowledge, skills and competencies required to evaluate the cost-effectiveness of business information systems in the process of business computerization.					
<b>Conditions for enrolling course</b>					
No conditions					
<b>Learning outcomes on a level of a study programme which includes course</b>					
<p>Outcome 8: Evaluate the cost-effectiveness of business information systems.</p> <p>Outcome 9: Apply economic and accounting principles in the development of business information systems.</p> <p>Outcome 10: Apply the principles of e-business in the development of business information systems.</p> <p>Outcome 14: Participate in teamwork.</p> <p>Outcome 15: Independently present professional content in written and spoken form in Croatian and English.</p>					
<b>Expected learning outcomes on a level of a course</b>					
<ol style="list-style-type: none"> <li>1. Explain the basic micro and macro concepts of company informatization</li> <li>2. Explain the importance of the role of strategic IT planning and IT managers in business informatization</li> <li>3. Evaluate the cost-effectiveness of business information systems in strategic planning of information system development</li> <li>4. Define indicators for monitoring and evaluating the effectiveness of information systems</li> <li>5. Interpret modern technologies from the economics aspect of the possibilities of their application in business operations</li> </ol>					
<b>Content of a course</b>					
Role of informatization. Basic characteristics of information society. Informatization of production processes and services. Position of work in information environment. Business in information environment. Communication and performance of computerized companies' business association. Life cycle of information system. Methods of evaluation and assessment of information system. Evaluation methods of information system. Information and its value. Absolute and applicable value of information, information processes and information system. Stratification of information system. Defining goals and tasks of business in information environment. Business success in information environment. Monitoring and evaluation indicators. Efficiency of information system.					
<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>Grading, evaluation and monitoring of students' work continuously during lectures and exams</b>					
Grading is based upon evaluation course's learning outcomes' adoption. Grading is performed continuously during lectures and/or during exam, in compliance with the provisions of Regulation on the assessment of students.					