

<b>Information Systems Analysis and Design</b>					
<b>Course Code</b> CIS62019	<b>Student Workload</b> 120 hours	<b>Credits</b> (according to ECTS) 6 ECTS (4.5 for theory and 1.5 for practical work)	<b>Semester</b> 4	<b>Frequency</b> each even-semester	<b>Duration</b> 16 meetings
<b>1</b>	<b>Types of Courses</b> <i>Compulsory (study programme level)</i>	<b>Contact Hours</b> 84 hours	<b>Independent Study</b> 36 hours	<b>Class Size</b> 20-40 students	
<b>2</b>	<b>Prerequisites for Participation</b> Have completed Information Systems Development Fundamental course				
<b>3</b>	<b>Learning Outcomes</b> IS-ILO-2 Graduates are expected to be able to study and apply the concepts of governance and management of information systems to achieve organizational goals				
<b>4</b>	<b>Subject Aims</b> <ul style="list-style-type: none"> <li>• Students are able to understand the concept of analysis and design in the development of information systems.</li> <li>• Students are able to understand the method of analyzing user needs as a basis for designing information systems.</li> <li>• Students are able to apply modeling techniques in analyzing and designing information systems both with structured and object-oriented approaches.</li> <li>• Students are able to perform analysis and design in an information system development project.</li> </ul>				
<b>5</b>	<b>Teaching Methods</b> lectures, case study, class discussion, presentation				
<b>6</b>	<b>Assessment Methods</b> assignment, mid-term examination, end-term examination, project evaluation, practical-skill assessment				
<b>7</b>	<b>This module is used in the following degree programmes as well</b>				
<b>8</b>	<b>Responsibility for Module</b>				
<b>9</b>	<b>Other Information</b> <ol style="list-style-type: none"> <li>1. Pressman, Roger. S, Software Engineering – A Practitioner’s Approach.</li> <li>2. Sommerville, Ian, Software Engineering.</li> </ol>				