

<b>Enterprise Architecture</b>					
<b>Course Code</b> CSD60003	<b>Student Workload</b> 90 hours	<b>Credits</b> (according to ECTS) 4.5 ECTS	<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> 63 hours	<b>Independent Study</b> 27 hours	<b>Class Size</b> 40 students	
<b>2</b>	<b>Prerequisites for Participation</b> Have completed Functional Business Management course				
<b>3</b>	<b>Learning Outcomes</b> IS-ILO-1 Graduates are expected to be able to design, build, operate, and evaluate information systems in organizations to align with organizational needs and to produce technological solutions for organizations.				
<b>4</b>	<b>Subject Aims</b> <ul style="list-style-type: none"> <li>• Students are able to understand the structure and culture of the Enterprise</li> <li>• Students are able to understand and explain the concept of Enterprise Architecture</li> <li>• Students are able to understand the benefits and risks of implementing EA in the Enterprise</li> <li>• Students are able to explain the urgency of using the EA framework</li> <li>• Students are able to understand the Architecture Development Method (ADM) in the EA framework</li> <li>• Students are able to apply the preliminary phase, vision, business architecture, and information system architecture of the EA framework in an Enterprise</li> <li>• Students are able to understand and explain the technological architecture phases of the EA framework</li> <li>• Students are able to model Business Architecture and IS in EA application using appropriate modeling language</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>				

8	<b>Responsibility for Module</b>
9	<b>Other Information</b> <ol style="list-style-type: none"><li data-bbox="337 352 1409 426">1. The Open Group. Introduction to ADM. Diakses pada tautan: <a href="https://pubs.opengroup.org/architecture/togaf8-doc/arch/chap03.html">https://pubs.opengroup.org/architecture/togaf8-doc/arch/chap03.html</a></li><li data-bbox="337 426 1409 499">2. Lankhorst , Marc. <i>Enterprise Architecture at Work: Modelling, Communication and Analysis</i>. Springer-Verlag Berlin Heidelberg (2017)</li><li data-bbox="337 499 1409 531">3. Rachel Harrison. <i>TOGAF Version 9 Foundation Study Guide</i>. Van Haren Publishing. 2009</li><li data-bbox="337 531 1409 562">4. Scott A. Bernard. <i>An Introduction to Enterprise Architecture</i></li></ol>