

Software engineering					
Course Code CIF62019	Student Workload 120 hours	Credits (according to ECTS) 6 (4.5 for theory and 1.5 for practical work)	Semester Sem. 3	Frequency each odd-semester	Duration 16 meetings
1	Types of courses <i>compulsory (study programme level)</i>	contact hours 84 hours	independent study 36 hours	class size 40 students	
2	Prerequisites for participation Have completed system Analysis and Design Course.				
3	Learning outcomes IF-ILO-2 Graduates have the ability to be scientific, work collaboratively, have a professional attitude, and have good adaptation skills when working in groups or as an individual. IF-ILO-3 Graduates are able to develop professional careers in the field of computer science based on quality aspects, data-based decision making, be responsible, and make continuous improvements. IF-ILO-4 Graduates have the ability to think computationally, design-based thinking, conduct analysis with scientific writing, and are able to apply the values of Technopreneurship in creating product innovations in the Systems or Information Technology domain. IF-ILO-13 Graduates are able to perform abstraction, modeling, representation, and data acquisition in order to perform the data analysis				
4	Subject aims Student are able to build a quality software with an object approach based on the use of appropriate methods, techniques, and tools.				
5	Teaching methods lectures, case study, class discussion, presentation.				
6	Assessment methods assignment, mid-term examination, end-term examination, project evaluation, practical-skill assessment.				
7	This module is used in the following degree programs as well				
8	Responsibility for module				

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Other information

1. Pressman RS (2009) Software Engineering A Practitioner's Approach 7th Ed - Roger S. Pressman.
2. Sommerville I (2016) Software engineering (10th edition).