

Faculty of Information Technology - Information & Communication Technology

Year 1					
Semester 1			Semester 2		
Course	SKS	ECTS	Course	SKS	ECTS
English for Global Communication 1	3	4	English for Global Communication 2	3	4
Communication Skill	2	2	Professional Ethics	2	2
Electrical Engineering	2	3	Discrete Mathematics	2	3
Mathematics	3	5	Data Structure	2	3
IT Fundamentals	3	4	Data Structure Laboratory	1	1
Basic Programming	4	5	Web Programming Fundamental	4	5
Database Concept & Theory	4	5	Web Programming Laboratory	1	1
Database Laboratory 1	1	1	Computer Networks Fundamentals	3	4
Basic Programming Laboratory	1	1	Computer Networks Laboratory 1	1	1
Total Compulsory	23	30	Database Design & Implementation	3	5
Extra Curricular			Database Laboratory 2	1	1
German Language and Culture 1	2		Total Compulsory	23	30
Mandarin Language and Culture 1	2		Extra Curricular		
			German Language and Culture 2	2	
			Mandarin Language and Culture 2	2	
Year 2					
Semester 3			Semester 4		
Course	SKS	ECTS	Course	SKS	ECTS
Practical Training 1 (Internship in Indonesia)	6	30	Professional English 1	2	3
Total Compulsory	6	30	Statistic and Probability	2	3
			Advanced Programming	3	4
			Advanced Programming Laboratory	1	1
			System Analysis & Design	3	4
			Network Management & Security	3	5
			Computer Network Laboratory 2	1	1
			Platform Technologies (OS)	4	5
			Human Computer Interaction	2	2
			Compulsory Elective Course **	2	2
			Total Compulsory	23	30
			Extra Curricular		
			German Language and Culture 3	4	
			Mandarin Language and Culture 3	2	
Year 3					
Semester 5			Semester 6		
Course	SKS	ECTS	Course	SKS	ECTS
Professional English 2	2	2	Practical Training 2 (Internship Abroad)	6	30
Project Management	2	3	Total Compulsory	6	30
Project	2	3			
Operations Research	2	2			
Information Assurance & Security	3	4			
Software Engineering	3	4			
System Administration & Maintenance	2	2			
System Administration Laboratory	1	1			
Web System & Technologies	3	5			
Web System Laboratory	1	1			
Compulsory Elective Course **)	2	3			
Total Compulsory	23	30			
Extra Curricular					
German Language and Culture 4	4				
Mandarin Language and Culture 4	2				
Year 4					
Semester 7			Semester 8		
Course	SKS	ECTS	Course	SKS	ECTS
English for Academic Writing and International Test Preparation	2	3	Ethics and Religious Philosophy	2	3
Research Methodology	2	3	Civics	2	3
Streaming *)	12	15	Indonesian Language & Culture	2	3
Compulsory Elective Course **)	7	9	Oral Final Study Examination (OFSE)	5	6
Total Compulsory	23	30	Thesis	6	15
			Total Compulsory	17	30
Total Offered = 164 SKS					
Total Compulsory = 144 SKS					
Total ECTS = 240 ECTS					
			SKS = Satuan Kredit Semester		*) subject to change
			ECTS = European Credit Transfer System		***) special announcement