



UNIVERSITY OF THE AEGEAN
Office of International Academic
Programmes/ERASMUS+
Administration Building, University Hill
81100 - Mytilene - Greece
Tel.: +30 2251036167, 36118
Fax: + 30 2251036089
Email: erasmus@aegean.gr

Samos, 24/06/2020

DEPARTMENT of Information and Communication
Systems Engineering
SCHOOL OF ENGINEERING

Spring/Autumn semester - Academic Year 2020-2021

Courses offered (Pregraduate)								
Course Code	Course Title	Semester	ECTS	Teaching Language	Offered Online	Tutoring/Reading Course offered	Tutoring/Reading Course Language	Offered Online
321-1204	Structured programming	1	5	Greek	√			
321-1407	Introduction to Computer Science and Communications	1	5	Greek	√			
321-2003	Logic Design	1	5	Greek	√			
321-1501	Discrete Mathematics I	1	5	Greek	√			
321-1107	Mathematics for Engineers I	1	5	Greek	√			
321-2052	Physics	1	5	Greek	√			
321-0121	English Language 1	1	5	Greek, English	√			
321-2105	Object-oriented Programming I	2	5	Greek, English	√	√	English	
321-2551	Circuit Theory	2	5	Greek, English	√	√	English	√
321-2450	Discrete Mathematics II	2	5	Greek	√			
321-3155	Mathematics for Engineers II	2	5	Greek	√			
321-2402	Probability and Statistics	2	5	Greek	√			
321-4103	Operating Systems	2	5	Greek	√			
321-0131	English Language 2	2	5	English	√			
321-3652	Object-oriented Programming II	3	5	Greek	√			
321-8105	IT Project Management	3	5	Greek	√			
321-3004	Data Structures	3	5	Greek	√			
321-3354	Computer Architecture	3	5	Greek	√			
321-3752	Stochastic Processes	3	5	Greek	√			

321-5502	Signals and Systems	3	5	Greek	√			
321-0141	English Language 3	3	5	English	√	√	English	
321-3104	Information Systems Analysis and Design	4	5	Greek	√			
321-4201	Algorithms and Complexity	4	5	Greek	√	√	English	√
321-4120	Advanced Topics of Programming Languages	4	5	Greek	√			
321-3203	Databases I	4	5	Greek	√			
321-3302	Computer Communications	4	5	Greek	√			
321-7904	Electronics	4	5	Greek, English	√	√	English	√
321-2304	Business Operations and Information Systems	5	5	Greek	√			
321-6451	Computer Networks	5	5	Greek	√			
321-3703	Databases II	5	5	Greek	√			
321-3453	Telecommunications	5	5	Greek	√			
321-4002	Software Engineering	5	5	Greek	√	√	English	
321-6702	Theory of Computation	5	5	Greek	√			
321-6503	Information Systems Management	6	5	Greek, English	√			
321-3604	Artificial Intelligence	6	5	Greek	√			
321-3404	Information and Communication Systems Security	6	5	Greek	√			
321-7951	Distributed Systems	6	5	Greek	√	√	English	
321-88103	Internet Programming	6	5	Greek	√	√	English	
321-5205	Legal Framework for the Information Society	6	5	Greek	√			
321-9703	Computer Network Security and Privacy Enhancing Technologies	7	5	Greek	√			

321-5753	Privacy and Data Protection Law	7	5	Greek	√			
321-5155	Information Systems Analysis and Design Methodologies and Tools	7	5	Greek	√			
321-7654	Systems Theory	7	5	Greek	√			
321-10302	Digital Communications	7	5	Greek, English	√	√	English	√
321-7051	Digital Systems Design	7	5	Greek	√			
321-8354	Network Management	7	5	Greek	√			
321-7003	Performance Evaluation and Simulation of Computer Systems and Networks	7	5	Greek, English	√			
321-7754	Robotic Control	7	5	Greek, English	√	√	English	
321-3553	Computational Logic and Logical Programming	7	5	Greek	√			
321-99002	Numerical Analysis	7	5	Greek	√			
321-8053	Cryptography	8	5	Greek	√			
321-8504	Decision Support Systems – Business Analytics	8	5	Greek	√			
321-8954	Electronic Entrepreneurship	8	5	Greek	√			
321-5607	Human – Computer Interaction and Web Applications	8	5	Greek	√			
321-11102	Digital Government	8	5	Greek	√			
321-7803	Wireless Communications	8	5	Greek	√	√	English	
321-8752	Introduction to VLSI	8	5	Greek	√			
321-9353	Digital Image Processing	8	5	Greek	√			
321-7853	Microprocessors	8	5	Greek, English	√			

321-6257	Internet Protocols and Architectures	8	5	Greek	√			
321-7256	Mobile Communication Networks	8	5	Greek	√			
321-11002	Cloud Technologies	8	5	Greek, English	√			
321-9253	Data Mining and Data Warehouses	8	5	Greek	√			
321-10202	Information Retrieval	8	5	Greek	√			
321-9455	Applied Topics in Data Structures and Databases	8	5	Greek	√			
321-8001	Game Theory	8	5	Greek	√	√	English	√
321-9855	Mathematical Modeling	8	5	Greek	√			
321-2631	Simulation Techniques for Communication Systems	8	5	Greek	√			
321-7602	Practice	8	5	Greek				
321-99101	Regulatory and Social Issues in Information Society	9	5	Greek	√			
321-7406	Knowledge Engineering and Knowledge Systems	9	5	Greek	√			
321-5404	Information Systems Strategy and Investment-Digital Transformation	9	5	Greek	√			
321-10652	Satellite Communications	9	5	Greek	√	√	English	
321-6555	Multimedia	9	5	Greek	√			
321-8653	Optical Communications	9	5	Greek, English	√	√	English	√
321-3250	Internet of Things	9	5	Greek	√			
321-9405	Wireless Sensors	9	5	Greek	√			
321-9120	Design and Development of	9	5	Greek	√	√	English	

	Mobile Computing Applications							
321-7406	Knowledge Engineering and Knowledge Systems	9	5	Greek	√			
321-6606	Computer Vision	9	5	Greek	√			
321-9004	Prediction Techniques	9	5	Greek	√			
321-10001	Algorithms and Combinatorial Optimization	9	5	Greek	√	√	English	√