



UNIVERSITY OF THE  
**AEGEAN**

SCHOOL OF ENGINEERING  
DEPARTMENT OF INFORMATION  
AND COMMUNICATION SYSTEMS ENGINEERING

# Erasmus+

Courses offered to Erasmus+ incoming students in English are indicated in the specific column.

Spring/Autumn semester - Academic Year 2022-2023

[For more information on the content of the courses follow this link.](#)

Semester	Course Code	Course Title	ECTS	Offered
1	321-1204	Structured programming	5	
1	321-1407	Introduction to Computer Science and Communications	5	
1	321-2003	Logic Design	5	
1	321-1501	Discrete Mathematics I	5	
1	321-1107	Mathematics for Engineers I	5	
1	321-2052	Physics	5	
1	321-0121	English Language 1	5	YES
2	321-2105	Object-oriented Programming I	5	YES
2	321-2551	Circuit Theory	5	YES
2	321-2450	Discrete Mathematics II	5	
2	321-3155	Mathematics for Engineers II	5	
2	321-2402	Probability and Statistics	5	
2	321-3303	Computer Communications	5	
2	321-0131	English Language 2	5	
3	321-3652	Object-oriented Programming II	5	
3	321-8955	Digital Innovation and Entrepreneurship	5	
3	321-3004	Data Structures	5	
3	321-3354	Computer Architecture	5	
3	321-3752	Stochastic Processes	5	



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3	321-5502	Signals and Systems	5	
3	321-0141	English Language 3	5	YES
4	321-3105	Information Systems Analysis and Design	5	
4	321-4201	Algorithms and Complexity	5	YES
4	321-4120	Advanced Topics of Programming Languages	5	
4	321-3203	Databases I	5	YES
4	321-4104	Operating Systems	5	
4	321-7904	Microelectronics	5	YES
5	321-2304	Business Operations and Information Systems	5	
5	321-6451	Computer Networks	5	
5	321-3703	Databases II	5	
5	321-3453	Telecommunications	5	
5	321-4003	Software Engineering	5	YES
5	321-6702	Theory of Computation	5	
6	321-6503	Information Systems Management	5	YES
6	321-3604	Artificial Intelligence	5	
6	321-3404	Information and Communication Systems Security	5	
6	321-7951	Distributed Systems	5	YES



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6	321-88103	Internet Programming	5	YES
6	321-5205	Legal Framework for the Information Society	5	
7	321-9703	Computer Network Security and Privacy Enhancing Technologies	5	
7	321-5753	Privacy and Data Protection Law	5	
7	321-7654	Systems Theory	5	
7	321-8106	IT Project Management	5	YES
7	321-5155	Information Systems Analysis and Design Methodologies and Tools	5	YES
7	321-10302	Digital Communications	5	YES
7	321-7051	Digital Systems Design	5	
7	321-8354	Network Management	5	
7	321-7003	Performance Evaluation and Simulation of Computer Systems and Networks	5	YES
7	321-7755	Introduction to Robotics	5	YES
7	321-6100	Natural Language Processing	5	
7	321-8603	Information Theory	5	
7	321-99002	Numerical Analysis	5	



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8	321-8053	Cryptography	5	
8	321-10754	Mobile and Wireless Networks Security	5	
8	321-6000	Physical Layer Security	5	
8	321-8504	Decision Support Systems – Business Analytics	5	
8	321-5608	Human – Computer Interaction and Web Applications	5	
8	321-11102	Digital Government	5	
8	321-7803	Wireless Communications	5	YES
8	321-8752	Introduction to VLSI	5	
8	321-9353	Digital Image Processing	5	
8	321-7853	Microprocessors	5	YES
8	321-6257	Internet Protocols and Architectures	5	
8	321-7256	Mobile Communication Networks	5	
8	321-11002	Cloud Technologies	5	YES
8	321-9254	Data Mining	5	YES
8	321-10202	Information Retrieval	5	
8	321-6608	Robotic Vision	5	



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8	321-6050	Intelligent Recommender Systems	5	
8	321-8001	Game Theory	5	YES
8	321-9855	Mathematical Modeling	5	
8	321-2631	Simulation Techniques for Communication Systems	5	
9	321-99101	Regulatory and Social Issues in Information Society	5	
9	321-5404	Information Systems Strategy and Investment-Digital Transformation	5	
9	321-8206	E-Commerce Technologies and Applications	5	
9	321-10652	Satellite Communications	5	YES
9	321-6555	Multimedia	5	
9	321-8654	Optical Communications	5	YES
9	321-3250	Internet of Things	5	
9	321-9405	Sensor Networks	5	
9	321-9120	Design and Development of Mobile Computing Applications	5	YES
9	321-7406	Knowledge Engineering and Knowledge Systems	5	YES



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9	321-9457	Applied Topics in Data Structures and Databases	5	
9	321-9004	Forecasting Techniques	5	
9	321-10001	Algorithms and Combinatorial Optimization	5	YES
9	321-2600	Risk Theory	5	