



Erasmus+

English-Supported Academic Pathway for Erasmus+ Students

Depending on the pedagogical structure of each course, academic support may be provided through one or more of the following:

- English-language tutoring or guided academic supervision
- Project-based or assignment-based coursework conducted in English
- Individual academic guidance during laboratory sessions
- Additional explanations, meetings, or office hours offered in English

The form of support varies by module and are determined by the responsible instructor

The list of courses below includes an indicative column identifying modules that are currently supported through the English-supported academic pathway. This indication reflects the present academic planning and may be updated or adjusted as necessary, depending on pedagogical requirements, staff availability, and departmental organization.

Semester periods normally follow the structure WINTER (October–February) and SPRING (February–June), subject to the official academic calendar.

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

Semester period	Semester	Course Code	Course Title	ECTS	Offered for Erasmus+ students
WINTER	1	321-1400	Introduction to Computer Science and Communications	5	
WINTER	1	321-1250	Introduction to Programming	5	
WINTER	1	321-2000	Logic Design	5	
WINTER	1	321-1500	Discrete Mathematics I	5	
WINTER	1	321-1100	Mathematics for Engineers I	5	
WINTER	1	321-2050	Physics	5	

Semester period	Semester	Course Code	Course Title	ECTS	Offered for Erasmus+ students
WINTER	1	321-0120	English Language 1	5	YES
SPRING	2	321-1200	Structured Programming	5	YES
SPRING	2	321-2550	Circuit Theory	5	YES
SPRING	2	321-2450	Discrete Mathematics II	5	
SPRING	2	321-3150	Mathematics for Engineers II	5	
SPRING	2	321-3300	Computer Communications	5	
SPRING	2	321-2400	Probability and Statistics	5	
SPRING	2	321-0130	English Language 2	5	
WINTER	3	321-3650	Object-oriented Programming	5	
WINTER	3	321-8950	Digital Innovation and Entrepreneurship	5	
WINTER	3	321-3000	Data Structures	5	
WINTER	3	321-3350	Computer Architecture	5	
WINTER	3	321-3750	Stochastic Processes	5	
WINTER	3	321-5500	Signals and Systems	5	
WINTER	3	321-0140	English Language 3	5	YES
SPRING	4	321-3100	Information Systems Analysis and Design	5	
SPRING	4	321-4200	Algorithms and Complexity	5	YES
SPRING	4	321-3200	Databases I	5	YES
SPRING	4	321-4100	Operating Systems	5	
SPRING	4	321-6500	Management Information Systems	5	YES
SPRING	4	321-7900	Microelectronics	5	YES
WINTER	5	321-2300	Business Operations and Information Systems	5	
WINTER	5	321-6450	Computer Networks	5	YES
WINTER	5	321-3700	Databases II	5	
WINTER	5	321-3450	Telecommunications	5	
WINTER	5	321-4000	Software Engineering	5	YES
WINTER	5	321-6700	Theory of Computation	5	

Semester period	Semester	Course Code	Course Title	ECTS	Offered for Erasmus+ students
SPRING	6	321-3600	Artificial Intelligence	5	
SPRING	6	321-3400	Information and Communication Systems Security	5	
SPRING	6	321-7950	Distributed Systems	5	YES
SPRING	6	321-10300	Digital Communications	5	
SPRING	6	321-88100	Internet Programming	5	YES
SPRING	6	321-5200	Legal Framework for the Information Society	5	
WINTER	7	321-9700	Computer Network Security	5	
WINTER	7	321-5750	Privacy and Data Protection Law	5	
WINTER	7	321-7020	Privacy Enhancing Technologies	5	
WINTER	7	321-5150	Information Systems Analysis and Design Methodologies and Tools	5	YES
WINTER	7	321-7650	Systems Theory	5	
WINTER	7	321-8100	IT Project Management		YES
WINTER	7	321-7070	Digital Marketing	5	
WINTER	7	321-6550	Multimedia	5	
WINTER	7	321-7050	Digital Systems Design	5	
WINTER	7	321-8350	Network Management	5	
WINTER	7	321-7000	Performance Evaluation and Simulation of Computer Systems and Networks	5	YES
WINTER	7	321-7750	Introduction to Robotics	5	YES
WINTER	7	321-6100	Natural Language Processing	5	
WINTER	7	321-8600	Information Theory	5	
WINTER	7	321-99000	Numerical Analysis	5	
SPRING	8	321-10750	Mobile and Wireless Networks Security	5	
SPRING	8	321-6000	Physical Layer Security		
SPRING	8	321-8050	Cryptography	5	

Semester period	Semester	Course Code	Course Title	ECTS	Offered for Erasmus+ students
SPRING	8	321-8500	Decision Support Systems – Business Analytics	5	
SPRING	8	321-5600	Human – Computer Interaction and Web Applications	5	YES
SPRING	8	321-11100	Digital Government	5	
SPRING	8	321-7800	Wireless Communications	5	YES
SPRING	8	321-8750	Introduction to VLSI	5	
SPRING	8	321-9350	Digital Image Processing	5	
SPRING	8	321-7850	Microprocessors	5	YES
SPRING	8	321-7250	Mobile Communication Networks	5	
SPRING	8	321-6250	Internet Protocols and Architectures	5	
		321-11000	Cloud Technologies	5	YES
SPRING	8	321-9020	Advanced Networking Topics	5	
SPRING	8	321-9250	Data Mining	5	YES
SPRING	8	321-10200	Information Retrieval	5	
SPRING	8	321-6600	Advanced Robotics	5	
SPRING	8	321-6050	Intelligent Recommender Systems	5	
SPRING	8	321-8000	Game Theory	5	YES
SPRING	8	321-4120	Advanced Topics of Programming Languages	5	
SPRING	8	321-9850	Mathematical Modeling	5	
SPRING	8	321-9000	Forecasting Techniques	5	
WINTER	9	321-99100	Regulatory and Social Issues in Information Society	5	
WINTER	9	321-5400	Information Systems Strategy and Investment-Digital Transformation	5	
WINTER	9	321-8200	E-Commerce Technologies and Applications	5	
WINTER	9	321-10650	Satellite Communications	5	YES
WINTER	9	321-8650	Optical Communications	5	YES
WINTER	9	321-3250	Internet of Things	5	

Semester period	Semester	Course Code	Course Title	ECTS	Offered for Erasmus+ students
WINTER	9	321-9400	Sensor Networks	5	
WINTER	9	321-9120	Design and Development of Mobile Computing Applications	5	YES
WINTER	9	321-2630	Simulation Techniques for Communication Systems and Networks	5	
WINTER	9	321-7400	Knowledge Engineering and Knowledge Systems	5	YES
WINTER	9	321-9450	Applied Topics in Data Structures and Databases	5	
WINTER	9	321-10000	Algorithms and Combinatorial Optimization	5	YES
WINTER	9	321-2600	Risk Theory	5	