

SOFTWARE DEVELOPMENT

Courses available for Erasmus+ incoming students
during academic year 2025/2026

WINTER SEMESTER			
COURSE	ECTS	CODE	YEAR
Business Communication	2	BCO	1st
Microsoft Office 365 and Google Apps SCRIPT	2	M365	
Foreign Language	3	BE1	
Economics	2	ECO	
Learning strategies	2	LST	
Basics of Python Programming	4	BPP	
Algorithms and data structures	4	ADS	
Mathematics 1	3	MMI	
Foreign Language	3	BE3	2nd
Administration of Linux Systems	3	ALS	
Computer system architecture	4	CSA	
Applications of Artificial Intelligence in IT	3	AAI	
Contemporary telecommunications systems	2	CTS	
Advanced Python Programming Techniques	3	APP	
Basics of Network Technologies	4	BNT	
Discrete Mathematics	4	MAD	
Fundamentals of IT security engineering	3	FIT	3rd
Interpersonal Behaviour Engineering in Organization	3	IBE	
Website Designing and Development	3	WDD	
2D graphics	5	2DG	
Open Source Tools	5	OST	
Programming and architecture of cloud-based applications	5	PIA	

*All courses are conducted in English. The courses may change slightly due to availability.

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SUMMER SEMESTER			
COURSE	ECTS	CODE	YEAR
Basics of Electronics	3	BEL	1st
Basics of Software Testing	3	BST	
IT at Automotive Sector	2	ITA	
Operating systems	4	OS	
Basics of Sustainable Development	1	SDE	
Mathematics 2	3	MMII	
Object Oriented Programming Python	4	PRO	
Physics	3	PHY	
Ethics	2	ETH	
Foreign Language	3	BE3	2nd
Law of New Technologies	2	LNT	
Basics of Machine Learning	3	BLM	
Software Build Automation Tools	3	SBA	
Database systems	4	SYB	
Engineering of Internet of Things	3	EIT	
Engineering of Windows Server OS	4	EWO	
Software Build Automation Tools	3	SBA	
Functionality of Intergrated IT Systems- SAP S / 4 HANA	2	FIS	3rd
IT project management	2	ZPI	
3D graphics	3	3DG	
Services and development platforms for cloud-based applications	3	UPD	

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