SOFTWARE DEVELOPMENT

Courses available for Erasmus+ incoming students
during academic year 2024/2025

WINTER SEMESTER			
COURSE	ECTS	CODE	YEAR
Business Communication	2	BCO	1st
Economics	2	ECO	
Learning strategies	2	LST	
Basics of Python Programming	4	BPP	
Algorythms and data structures	4	ADS	
Mathematics 1	4	MMI	
Business English 3	3	BE3	2nd
Administration of Linux Systems	4	ALS	
Advanced Python Programming Techniques	5	APP	
Basics of Network Technologies	5	BNT	
Database Systems	4	SYB	
Discrete Mathematics	3	MAD	
Numerical Methods for Engineers	5	NME	
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.

SOFTWARE DEVELOPMENT

Courses available for Erasmus+ incoming students
during academic year 2024/2025

SUMMER SEMESTER			
COURSE	ECTS	CODE	YEAR
Basics of Electronics	3	BEL	
Basics of Software Testing	3	BST	
IT at Automotive Sector	2	ITA	
Mathematics 2	4	MMII	
Object Oriented Programming Python	4	PRO	
Physics	3	PHY	
Ethics	2	ETH	
Business English 4	3	BE4	
Law of New Technologies	3	LNT	
Applications of Artifical Intelligence in IT	4	AAI	
Basics of Machine Learning	5	BLM	2nd
Engineering of Internet of Things	4	EIT	
Engineering of Windows Server OS	4	EWO	
Software Build Automation Tools	4	SBA	
Functionality of Intergrated IT Systems- SAP S / 4 HANA	2	FIS	
IT project management	2	ZPI	
3D graphics	3	3DG	3rd
Services and development platforms for cloud-based applications	3	UPD	

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