



SOFTWARE DEVELOPMENT (courses in the academic year of 2021/2022)

AUTUMN SEMESTER		
COURSE	ECTS	CODE
Business Communication	2	BCO
Business English 1	3	BE1
Economics	5	ECO
Microsoft Office 365 and Google Apps SCRIPT	5	TIN
Basics of Python Programming	6	BPP
Contemporary Telecommunications System	1	CTS
Mathematics	4	MMI
Business English 3	3	BE3
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
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
Blockchain and its Application	4	BLA
Creation and administration of cloud-based applications	4	BAA
Practical issues in graphic design	4	PII

SPRING SEMESTER		
COURSE	ECTS	CODE
Business English 2	3	BE2
Basics of Electronics	4	BEL
Basics of Software Testing	4	BST
IT at Automotive Sector	2	ITA
Mathematics 2	3	MMII
Object Oriented Programming Python	4	PRO
Physics	4	PHY
Software Engineering in MS.NET Environment	4	SEM
Business English 4	3	BE4
Law of New Technologies	5	LNT
Applications of Artificial Intelligence in IT	4	AAI
Basics of Machine Learning	5	BLM
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	2DG
Services and development platforms for cloud-based applications	3	UPD