

INFORMATION TECHNOLOGY – I YEAR

No.	Course Title	I Semester	II Semester	ECTS
1	Computer Technics	2+2		6
2	Mathematics 1	2+2		6
3	Electrical and Electronic Engineering	2+2		6
4	Software Tools	2+2		6
5	Operating Systems	2+3		6
		10+11		30
6	Mathematics 2		2+2	6
7	Graphic Design Tools		2+2	6
8	Algorithms and Data Structures		3+2	6
9	Databases, SQL, MySQL		2+2	6
10	Elective Course 1		2+2	6
			11+10	30

Elective course 1: students choose one of the following courses:

- English Language 1
- Russian Language 1

INFORMATION TECHNOLOGY – II YEAR

No.	Course Title	III Semester	IV Semester	ECTS
1	Application Software	2+2		6
2	WEB Design (HTML + Java Script)	2+2		6
3	Introduction to Object-Oriented Programming (C# + Java)	2+2		6
4	Information System Design	2+2		6
5	Elective Course 2	2+2		6
		10+10		30
6	Mathematical Modeling		2+2	6
7	C/C++		2+2	6
8	Digital and HD Television		2+2	6
9	Computer Networks		2+2	6
10	Elective Course 3		2+2	6
			10+10	30

Elective course 2: students choose one of the following courses:

- English Language 2
- Russian Language 2

Elective course 3: students choose one of the following courses:

- PHP Programming Language
- Multimedia Data Processing Software

INFORMATION TECHNOLOGY – III YEAR

No.	Course Title	V Semester	VI Semester	ECTS
1	Computer Management	2+2		6
2	Accounting Information Systems	2+2		6
3	Audio and Video Technology	2+2		6
4	Elective Course 4	2+2		6
5	Elective Course 5	2+3		6
		10+11		30
6	Multimedia Technology		3+3	6
7	Information Systems Development in the Internet Age		3+3	6
8	Elective Course 6		3+3	6
9	Practical Training		0+0+6	4
10	Undergraduate Thesis			8
			9+9+6	30

Elective course 4: students choose one of the following courses:

- Discrete Mathematics
- Statistics

Elective course 5: students choose one of the following courses:

- Object-Oriented Programming (C#)
- Mobile Application Development

Elective course 5: students choose one of the following courses:

- Electronic Business
- Data Privacy Fundamentals