

FACULTY OF INFORMATICS



STUDY PROGRAM OF THE FIRST CYCLE IN:
INFORMATICS WITH PROFILES

DURATION/ STUDY SYSTEM:
3 ACADEMIC YEARS-FULL TIME

Degree Designation:
BACHELOR IN INFORMATICS WITH PROFILE:

COMPUTER ENGINEERING

CURRICULA

FIRST-YEAR:

<i>Nr.</i>	<i>Courses</i>	<i>ECTS</i>
1	Academic Writing	6
2	Basics of Informatics	6
3	Maths 3.1 Maths 1 3.2 Maths2	12 6 6
4	Algorithmics	6
5	Computer Architecture and Evaluation	6
6	Elective Courses 6.1 Physics 6.2 Sociology 6.3 Introduction to Economics	6
7	Foreign Language	6
8	Logical Systems	6
9	Data Structure	6

SECOND-YEAR:

<i>Nr.</i>	<i>Courses</i>	<i>ECTS</i>
1	Programming 1.1 Programming I 1.2 Programming II	12 6 6
2	Operating Systems	6
3	Multimedia Systems	6
4	Statistics 4.1 Statistics 1 4.2 Statistics 2	12 6 6
5	E-Business	4
6	Ethics and Communication in Business	4
7	Web Programming	6
8	Maths 3	6
9	IT Legal Issues	4

THIRD-YEAR:

<i>Nr.</i>	<i>Courses</i>	<i>ECTS</i>
1	Database Theory	6
2	Data Communication and Computer Networks	6
3	Signals Theory	6
4	UML	6
5	Systems Administration	6
6	Introduction to Software Engineering	6
7	Basics of Electrotechnics	6
8	GIS	4
9	Professional Practice /Internship	6
10	Final Comprehensive Exam	8

Total ECTS credits: 180