

BACHELOR IN "INFORMATION TECHNOLOGY"

LEARNING OUTCOMES

By the end of the programme students will be able to:

- Build and maintain simple computer networks.
- Organize computer infrastructure efficiently.
- Develop and maintain databases.
- Identify the best software and hardware solutions.
- Address research questions by making use of qualitative or quantitative data analysis.

PROFILE: SOFTWARE DESIGN

- Design, manage and maintain software that are needed for information systems.
- Manage security in information systems.

PROFILE: BUSINESS INFORMATICS

- Understand the business demands for information systems.
- Implement, maintain and develop financial software systems.

PROFILE: GRAPHIC-DESIGN

- Contribute in application design process where graphical interfaces are needed.
- Use knowledge in visual composition, applied design programs, web and applications design etc.

CURRICULA

BACHELOR IN "INFORMATION TECHNOLOGY"				
No.	Year	Term	Subject Title	ECTS
A - GENERAL SUBJECTS / 15% - 20%/ 32 ECTS				
1	I	1	Mathematics 1	6
2	I	2	Mathematics 2	6
3	I	1	Introduction to Philosophy	6
4	I	1	Academic Writing	4
5	I	2	Research Methods	4
6	II	1	Introduction to Economics	6
				32
B - CHARACTERIZING/CORE SUBJECTS / 50% - 55%/ 99 ECTS				
1	I	1	Theory of Statistics	6
2	I	2	Applied Statistics	4
3	I	1	Algorithmics and Introduction to Programming	6
4	I	2	Computer Architecture	6



BACHELOR IN "INFORMATION TECHNOLOGY"				
No.	Year	Term	Subject Title	ECTS
5	I	2	Computer Organization and Design	6
6	II	1	Programming 1	6
7	II	2	Programming 2	6
8	II	1	Fundamentals of Multimedia	6
9	II	2	Data Structures	6
10	II	1	Theory of Databases	6
11	II	2	Web design	6
12	II	2	Mobile Applications Development	5
13	II	1	Operating Systems	6
14	III	1	E-Services	6
15	III	1	Computer Networks	6
16	III	2	Information Systems Analysis and Design	6
17	III	2	Introduction to Software Engineering	6
				99
C - INTERDISCIPLINARY / INTEGRATING/ ELECTIVE SUBJECTS 12% - 15%/ 24 ECTS				
PROFILE - SOFTWARE DESIGN				
1	III	1	Strategic Management of Information Systems	6
2	II	2	PHP Applications	6
3	III	2	Data Communication	6
4	III	1	Security of Information Systems	6
5	III	1	Honours Course	6
PROFILE- GRAPHIC DESIGN				
1	II	2	Visual Composition	6
2	III	1	Applied Design Programs	6
3	III	1	Web Design and Applications	6
4	III	2	Personal Style Development	6
5	III	1	Honours Course	6
PROFILE - BUSINESS INFORMATICS				
1	II	2	Introduction to Management	6
2	III	1	Introduction to Management of Operations	6
3	III	1	Principles of Accounting	6
4	III	1	Introduction to Finance	6
5			Honours Course	6
				24



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No.	Year	Term	Subject Title	ECTS
D - ADDITIONAL COURSES / 10% - 15%/ 18 ECTS				
1	I	1	English Language	5
2	I	1	Basics of Informatics	4
3	III	I	Project Design and Management	4
4	III	2	Internship	5
				18
E - FINAL OBLIGATIONS /3% - 5%/ 7 ECTS				
1	III	2	Diploma Thesis / Final Comprehensive Exam	7
			Total	180