

**Table2. List of Mandatory Study Program Courses
COMPUTER SCIENCES (FIRST CYCLE)**

Order no.	Code	Courses	Number of credits	Weekly fund of hours	Total fund of hours
1	CCS101	Introduction to Computer Sciences	8	4+2	90
2	CCS102	IT-Skills	8	4+2	90
3	CCS103	Mathematical Analysis	8	4+2	90
4	CCS104	Computer Architecture	8	4+2	90
5	CCS105	Programming	8	4+2	90
6	CCS106	Discrete Mathematics	8	4+2	90
7	CCS201	Object-Oriented Programming	8	4+2	90
8	CCS202	Operating Systems	8	4+2	90
9	CCS203	Databases	8	4+2	90
10	CCS204	Algorithms and Data Structures	8	4+2	90
11	CCS205	NET -Programming	8	4+2	90
12	CCS206	Probability and Statistics	8	4+2	90
13	CCS301	Computer Networks	8	4+2	90
14	CCS302	Software Engineering	8	4+2	90
15	CCS303	Web Development	8	4+2	90
16	CCS304	Computer Graphics	8	4+2	90
17	CCS305	Distributed Computing	8	4+2	90
18	CCS601	Diploma Thesis	8	1+5	90
	Total		144		

Table 3. List of Elective Courses (first cycle) COMPUTER SCIENCES

Ord. number	Code	Courses	Total fund of hours	Weekly fund of hours	No. of credits
1	P111	English Language 1	45	2+1	3
2	ECS101	E-Learning	45	2+1	3
3	ECS102	Internet Technologies	45	2+1	3
4	P122	English Language 2	45	2+1	3
5	ECS103	Multimedia	45	2+1	3
6	ECS104	Introduction to Operating System- Linux	45	2+1	3
7	P213	English Language 3	45	2+1	3
8	ECS201	WEB – design	45	2+1	3
9	ECS202	Digital signal processing	45	2+1	3

10	ECS203	Educational Software Design	45	2+1	3
11	P222	English Language 4	45	2+1	3
12	ECS204	Cryptograohy	45	2+1	3
13	ECS205	Virtual Reality	45	2+1	3
14	ECS206	Information Systems	45	2+1	3
15	ECS301	Logical Computer Design	45	2+1	3
16	ECS302	Data Mining	45	2+1	3
17	ECS303	Artifical Intelligence	45	2+1	3
18	ECS304	Game Programming	45	2+1	3
19	ECS305	Network Security	45	2+1	3
20	ECS306	Wave Technology	45	2+1	3
21	ECS307	Web programming	45	2+1	3
22	ECS308	Advanced Databases	45	2+1	3
23	IUS 101	Logistics	45	2+1	3
24	IUS 102	International Organizations and Integration	45	2+1	3
25	IUS103	International Economic Law	45	2+1	3
26	IUS 104	International Arbitration Law	45	2+1	3
27	IUS 105	Multiculturalism	45	2+1	3
28	IUS 106	Multilateral Diplomacy	45	2+1	3
29	IUS 107	European Economic Integration	45	2+1	3
30	IUS 108	The EU Common Market	45	2+1	3
31	IUS 109	The European Union's Common Foreign and Security Policy	45	2+1	3
32	IUS 110	International Military and Humanitarian Law	45	2+1	3
33	IUS111	Political Culture and Communication	45	2+1	3
34	IUS 112	Ethical Conflicts and International Security	45	2+1	3
35	IUS 113	International Trade Transactions	45	2+1	3
36	IUS 114	Multilateral Trade System	45	2+1	3
37	IUS 115	International Trade Laws and Regulations	45	2+1	3
38	IUS 116	International Tribunals	45	2+1	3
39	IUS 117	The EU's Internal Market Law	45	2+1	3
40	IUS 118	Ethics in Business Communication	45	2+1	3
41	IUS 119	Civil Society and Non-Governmental Organizations	45	2+1	3
42	IUS 120	Computer Communication and	45	2+1	3

		Application			
43	IUS 121	Google Apps	45	2+1	3
44	IUS 122	Introduction to Game-Programming	45	2+1	3
45	IUS 123	Multimedia	45	2+1	3
46	IUS 124	Publications	45	2+1	3
47	IUS 125	IT Ethics	45	2+1	3
48	IUS 126	Semiotic Theory of Information and System Information	45	2+1	3
49	IUS 127	Semiotics in Diplomatic Protocol	45	2+1	3
50	IUS 128	Semiotics of Law	45	2+1	3

**Table 4. Organization of Courses through Semesters – Study Program
COMPUTER SCIENCES (first cycle)**

Organization of Courses through the Semesters				
Or.no	I Semester	Mandatory Courses	Credits	Hours
1	CCS101	Introduction to Computer Sciences	8	4+2
2	CCS102	IT-Skills	8	4+2
3	CCS103	Mathematical Analysis	8	4+2
		ELECTIVE COURSES		
4		Elective Course	3	2+1
5		Elective Course	3	2+1
		Total I	30	16+8
	II Semester	MANDATORY COURSES	Credits	Hours
1	CCS104	Computer Architecture	8	4+2
2	CCS105	Programming	8	4+2
3	CCS106	Discrete Mathematics	8	4+2
		ELECTIVE COURSES		
4		Elective Course	3	2+1
5		Elective Course	3	2+1
		Total II	30	16+8
		CREDITS - FIRST ACADEMIC YEAR	60	32+16
	III Semester	MANDATORY COURSES	Credits	Hours
1	CCS201	Object-Oriented Programming	8	4+2
2	CCS202	Operating Systems	8	4+2
3	CCS203	Algorithms and Data Structure	8	4+2
		ELECTIVE COURSES		
4		Elective Course	3	2+1
5		Elective Course	3	2+1
		Total III	30	16+8
	IV Semester	MANDATORY COURSES	Credits	Hours
1	CCS204	Databases	8	4+2
2	CCS205	.NET-programming	8	4+2
3	CCS206	Probability and Statistics	8	4+2
		ELECTIVE COURSES		
4		Elective Courses	3	2+1
5		Elective Courses	3	2+1
		Total IV	30	16+8
		CREDITS-SECOND ACADEMIC YEAR	60	32+16
	V Semester	MANDATORY COURSES	Credits	Hours

1	CCS301	Computer Networks	8	4+2
2	CCS302	Software Engineering	8	4+2
3	CCS303	Web Development	8	4+2
ELECTIVE COURSES				
4		Elective Courses	3	2+1
5		Elective Courses	3	2+1
Total V			30	16+8
	VI Semester	MANDATORY COURSES	Credits	Hours
1	CCS304	Computer Graphics	8	4+2
2	CCS305	Njëhsimi i shpërndar	8	4+2
3	CCS601	Diploma Thesis	8	1+5
ELECTIVE COURSES				
4		Elective Courses	3	2+1
5		Elective Courses	3	2+1
Total VI			30	16+8
CREDITS- THIRD ACADEMIC YEAR			60	32+16

Table 2. List of Mandatory Courses BUSINESS INFORMATICS (SECOND CYCLE)

OR.NO	CODE	COURSES	Number of credits
1	MBI101	Research Methodology	8
2	MBI102	Database Design and Business Implementation	8
3	MBI103	IT Strategy Management	8
4	MBI104	Management of ICT Projects	8
5	MBI105	Information Systems	8
6	MBI106	Marketing Research	8
7	MBI201	E-commerce	8
8	MBI202	Web- Business	8
9	MBI203	Enterprise Software Solutions	8
	Total		72

Table 3. LIST OF ELECTIVE COURSES (SECOND CYCLE) BUSINESS INFORMATICS

OR. NO	CODE	COURSES	No. of credits
1	MBI101E	Introduction to Business and Economics	3
2	MBI102E	Introduction to Information Technology	3

3	MBI103E	Marketing Management	3
4	MBI104E	WEB Applications	3
5	MBI201	New Product Creation	3
6	MBI202	Enterpreneurship	3
7	MBI203	Knowledge Technology and Innovation	3
8	IUS 501	Rhetoric	3
9	IUS 502	Multilingualism and multiculturalism	3
10	IUS 503	Selection of Advanced Data Processing Applications Chapters	3
11	IUS 504	Professional Communication	3
13	IUS 506	Selected Chapters of IT-applications for writing a Research Paper	3

Table 4. Organization of Courses through the Semester – study programm
BUSINESS INFORMATICS (SECOND CYCLE)

ORGANIZATION OF COURSES THROUGH THE SEMESTER				
Or.no	VII SEMESTER	MANDATORY COURSES	CREDITS	HOURS
1	MBI101	Research Methodology	8	4+2
2	MBI102	Database Design and Business Implementation	8	4+2
3	MBI103	IT Strategy Management	8	4+2
ELECTIVE COURSES				
4		Elective Courses	3	3+0
5		Elective Courses	3	3+0
Total VII			30	18+6
	VIII Semester	MANDATORY COURSES	Credits	Hours
1	MBI104	Managment of ICT Projects	8	4+2
2	MBI105	Information Systems	8	6+0
3	MBI106	Marketing Research	8	6+0
ELECTIVE COURSES				
4		Elective courses	3	3+0
5		Elective courses	3	3+0
Total VIII			30	22+2
CREDITS-FOURTH ACADEMIC YEAR			60	40+8
	IX Semester	MANDATORY COURSES	Credits	Hours

1	MBI201	E- commerce	8	4+2
2	MBI202	Web-Business	8	6+0
3	MBI203	Enterprise Software Soutions	8	6+0
		ELECTIVE CORSES		
4		Elective Courses	3	3+0
5		Elective Courses	3	3+0
		Total IX	30	22+2
	X Semester	MASTER THESIS	Credits 30	3+3
		CREDITS-FIFTH ACADEMIC YEAR	60	