

Course overview

Year I				
Semester I				
No.	Code	Course	Total Numbers of Lecturers and Tutorials	ECTS Credits
Core Courses				
1	EC101	Economics	3+2	6
2	IT101	Information technologies	3+2	6
3	MA101	Mathematics	3+2	6
4	SE101	Programming 1	3+2	6
One elective from the following courses				
5	NT101	English1	3+2	6
5	NT102	German1	3+2	6
Semester II				
No.	Code	Course	Total Numbers of Lecturers and Tutorials	ECTS Credits
Core Courses				
1	IT111	Internet Technologies	3+2	6
2	MA111	Statistics	3+2	6
3	MA112	Financial Mathematics	3+2	6
4	SE111	Data structures and algorithms	3+2	6
One elective from the following courses				
5	NT111	English2	3+2	6
5	NT112	German2	3+2	6

Year II				
Semester III				
No.	Code	Course	Total Numbers of Lecturers and Tutorials	ECTS Credits
Core Courses				
1	MG201	Principle of Management	3+2	6
2	SE201	WEB design and development	3+2	6
3	SE202	Programming2	3+2	6
Two electives from the following courses				
4	EC201	Management Economy	3+2	6
4	IT201	E-commerce	3+2	6

4	IT202	Multimedia	3+2	6
One elective from the following courses				
5	NT201	Academic writing	3+2	6
5	NT202	History of civilization	3+2	6
5	NT203	Sociology	3+2	6
Semester IV				
No.	Code	Course	Total Numbers of Lecturers and Tutorials	ECTS Credits
Core Courses				
1	CE211	Operating systems	3+2	6
2	NT211	Business Law	3+2	6
3	SE211	Data base	3+2	6
One elective from the following courses				
4	MG211	Management of small business	3+2	6
4	MG212	Human resources management	3+2	6
4	MG213	Business communication and ethics	3+2	6
One elective from the following courses				
5	EC211	Accounting	3+2	6
5	EC212	Financial management	3+2	6

Year III				
Semester V				
No.	Code	Course	Total Numbers of Lecturers and Tutorials	ECTS Credits
Core Courses				
1	CE301	Computers networks	3+2	6
2	MA301	Operational research	3+2	6
3	SE301	Software engineering	3+2	6
One elective from the following courses				
4	MG301	Business Processes	3+2	6
4	MG302	Project management	3+2	6
One elective from the following courses				
5	NT301	E-society	3+2	6
5	NT302	E-commerce Law	3+2	6
Semester VI				

No.	Code	Course	Total Numbers of Lecturers and Tutorials	ECTS Credits
Core Courses				
1	IS311	Information systems project	3+2	6
2	IS312	Computers systems security	3+2	6
One elective from the following courses				
3	MG311	Business Planning	3+2	6
3	MG312	Business Decision	3+2	6
Two electives from the following courses				
4/5	CE311	Network Operating Systems	3+2	6
4/5	SE311	Human Computer Interaction	3+2	6
4/5	SE312	Data Mining	3+2	6

Year IV				
Semester VII				
No.	Code	Course	Total Numbers of Lecturers and Tutorials	ECTS Credits
Core Courses				
1	CS401	Systems Theory	3+2	6
2	SE401	Distributed and object databases	3+2	6
3	SE402	Systems Requirements	3+2	6
One elective from the following courses				
4	IS401	Product information systems	3+2	6
4	IS402	Management information systems	3+2	6
4	IS403	Environmental Information systems	3+2	6
4	IS404	Business information systems	3+2	6
One elective from the following courses				
5	SE403	Informatics quality and measurement	3+2	6
5	MG401	Modeling of business processes	3+2	6
Semester VIII				
No.	Code	Course	Total Numbers of Lecturers and Tutorials	ECTS Credits
Core Courses				
1	CE411	Distributed computer systems	3+2	6
2	SE412	Advanced WEB development	3+2	6
3		Final Project	3+2	6
One elective from the following courses				

4	MG411	Organizational behavior	3+2	6
4	MG412	Entrepreneurship	3+2	6
One elective from the following courses				
5	MG413	Production process Management	3+2	6
5	MG414	Product Management	3+2	6