

Course title	Business Intelligence Systems
Course code	
Type of course	Elective
Level of course	Graduate
Year of study	Second (2 nd)
Semester	First (1 st)
ECTS credits	5
Name of lecturer(s)	Professor Basilis Boutsinas
Aim of the course	Training in commercial software for the integration of Information Systems of an enterprise.
Learning outcomes	At the end of this course the student should be able to apply: Decision Support Systems, Enterprise Resource Planning Systems.
Competences	At the end of the course the student should be able to use commercial software for: 1. Enterprise Resource Planning Systems (ERP). 2. Data Mining. 3. Balanced Scorecard. 4. Expert Systems. 5. Business Process Modelling.
Prerequisites	It is recommended that students have at least a basic knowledge of Databases and MIS.
Course contents	<ul style="list-style-type: none"> • Methodologies for integration of Information Systems (ERP, EAI, middleware, κ.λ.π.) • Use of the commercial software Microsoft Business Solutions–Navision • Use of the commercial software WebCRM - Interworks • Use of the commercial software Oracle Balanced Scorecard • Use of the freeware WEKA and of the custom data mining software (Diogenis) • Use of the commercial software Visual Paradigm • Use of freeware Expert System Shell
Recommended reading	1. Manuals.
Teaching and learning methods	Lectures, software use
Assessment and grading methods	The grade is calculated as the weighted average of a series

	of assignments. Greek grading scale: 1 to 10. Minimum passing grade: 5
Language of instruction	Greek