



SYLLABUS
Academic year 2018-2019

1. Information regarding the programme

1.1 Higher education institution	Universitatea Babeș-Bolyai
1.2 Faculty	Business
1.3 Department	Hospitality Services
1.4 Field of study	Business Administration
1.5 Study cycle	Bachelor
1.6 Study programme / Qualification	Business Administration

2. Information regarding the discipline

2.1 Name of the discipline	SISTEME INFORMATICE IN AFACERI/BUSINESS INFORMATION SYSTEMS		
2.2 Code	ILE0037		
2.3 Course coordinator	Associate Prof. Mihaela-Filofteia Tutunea		
2.4 Seminar coordinator	Associate Prof. Mihaela-Filofteia Tutunea		
2.5. Year of study	3	2.6 Semester	II
2.7. Type of evaluation	C	2.8 Type of discipline	Optional

3. Total estimated time (hours/semester of didactic activities)

3.1 Hours per week	3	Of which: 3.2 lecture	2	3.3 seminar/laboratory	1
3.4 Total hours in the curriculum	36	Of which: 3.5 lecture	24	3.6 seminar/laboratory	12
Time allotment:					hours
Learning using manual, course support, bibliography, course notes					16
Additional documentation (in libraries, on electronic platforms, field documentation)					16
Preparation for seminars/labs, homework, papers, portfolios and essays					16
Tutorship					2
Evaluations					2
Other activities:Exam preparation					12
3.7 Total individual study hours					64
3.8 Total hours per semester					100
3.9 Number of ECTS credits					4

4. Prerequisites (if necessary)

4.1. curriculum	1.	-
4.2. competencies	2.	-

5. Conditions (if necessary)

5.1. for the course	The course takes place in room with computer connected to the Internet, with installed software packages and video projector; Students are not allowed to delay and do not leave the room during the lectures; It is forbidden to use mobile phones in any way; In each course, students participate in interactive activities and complete quizzes on the topics presented
5.2. for the seminar /lab activities	The labs takes place in room with computers connected to the Internet, with installed software packages and video projector; Students are not allowed to delay and do not leave the room during the labs; The use of mobile phones is not allowed in any way during the laboratories; All study and practical work materials are available to students

	on Google Drive; Each student has the obligation to participate actively and interactively in the solving of the laboratory tasks, and the individual results are saved on GD in each lab;
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6. Specific competencies acquired

Professional competencies	<ul style="list-style-type: none"> gathering, processing, and analysing data regarding the interaction between a company/ an organisation and the external environment providing assistance for running a company/ an organisation as a whole using databases specific to business management
Transversal competencies	<ul style="list-style-type: none"> identifying the roles and responsibilities in a multispecialty team and implementing various relational techniques and efficient teamwork

7. Objectives of the discipline (outcome of the acquired competencies)

7.1 General objective of the discipline	Acquiring knowledge about business information systems in business administration - use and design
7.2 Specific objective of the discipline	Acquiring knowledge about <ul style="list-style-type: none"> fundamental concepts related to BIS BIS - general concepts, classification, life cycle, the role, place and importance of the implementation and use of information systems in business; models used in business information systems; hardware and software infrastructure for BIS; specific types of BIS by activities/industries Training skills for design and implementation of specific BIS

8. Content

8.1 Course	Teaching methods	Remarks
Information systems – general concepts	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Information systems - design and implementation	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Hardware and software infrastructure for business information systems (BIS)	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Integrated Information Systems (IIS)	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Functional and transaction processing information systems	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Information systems for management of marketing and sales	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Information systems for human resource management (HRM)	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Enterprise information systems (EIS)	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Inter-organizational, large-scale and global information systems	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Business intelligence and decision	Presentation, interactive exposure, practical examples from	1 course

support systems	business environment, students participation	
Tourism Information Systems	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Intelligent technologies	Presentation, interactive exposure, practical examples from business environment, students participation	1 course
Bibliography	<p>Buhalis D, eTourism, information technology for strategic tourism management, Prentice Hall, 2003</p> <p>Curtis G Cobham D, Business information systems, Analysis, design, and practice, 6th edition, Prentice Hal, 2008</p> <p>Nyheim P, McFadden F, Connoly D, Technology Strategies for Hospitality industry, pearson Prentice Hall, 2004</p> <p>Serban, G., Pop, H F.: Tehnici de Inteligenta Artificiala. Abordari bazate pe Agenti Inteligenti, Ed. Mediamira, Cluj-Napoca, 2004.</p> <p>Serban, G.: Sisteme Multiagent in Inteligenta Artificiala Distribuita. Arhitecturi si aplicatii, Ed. RisoPrint, Cluj-Napoca, 2006.</p> <p>Tesone D.V, Hospitality Information systems and E-commerce, Ed. John Willey&sons, 2006</p> <p>Turban E, Aronson Jay, Liang Ting-Peng, Sharda ramesh, Decision Support and Busines Intelligence Systems, 8th edition, Perason International Edition, 2007</p> <p>Turban E, Volonini Linda, Information Technology for management- transforming organization in the digital economy, 7th edition, Ed. John Willey&sons, 2010</p> <p>Tutunea, M, Instrumente IT pentru administrarea afacerilor, Presa Univ. Clujeana, Cluj-Napoca, 2012</p> <p>Any other documentation, printed or digital tutorials, websites, etc., relevant to studied material;</p>	

8.2 Seminar / laboratory	Teaching methods	Remarks
Information systems – general concepts	Practical exercises, analysis, discussion problematization	1 lab
Information systems - design and implementation	Practical exercises, analysis, discussion problematization	1 lab
Hardware and software infrastructure for business information systems (BIS)	Practical exercises, analysis, discussion problematization	1 lab
Integrated Information Systems (IIS)	Practical exercises, analysis, discussion problematization	1 lab
Functional and transaction processing information systems	Practical exercises, analysis, discussion problematization	1 lab
Information systems for management of marketing and sales	Practical exercises, analysis, discussion problematization	1 lab
Information systems for human resource management (HRM)	Practical exercises, analysis, discussion problematization	1 lab
Enterprise information systems (EIS)	Practical exercises, analysis, discussion problematization	1 lab
Inter-organizational, large-scale and global information systems	Practical exercises, analysis, discussion problematization	1 lab
Business intelligence and decision support systems	Practical exercises, analysis, discussion problematization	1 lab

Tourism Information Systems	Practical exercises, analysis, discussion problematization	1 lab
Intelligent technologies	Practical exercises, analysis, discussion problematization	1 lab
Bibliography	<p>Buhalis D, eTourism, information technology for strategic tourism management, Prentice Hall, 2003</p> <p>Curtis G Cobham D, Business information systems, Analysis, design, and practice, 6th edition, Prentice Hal, 2008</p> <p>Nyheim P, McFadden F, Connoly D, Technology Strategies for Hospitality industry, pearson Prentice Hall, 2004</p> <p>Serban, G., Pop, H F.: Tehnici de Inteligenta Artificiala. Abordari bazate pe Agenti Inteligenti, Ed. Mediamira, Cluj-Napoca, 2004.</p> <p>Serban, G.: Sisteme Multiagent in Inteligenta Artificiala Distribuita. Arhitecturi si aplicatii, Ed. RisoPrint, Cluj-Napoca, 2006.</p> <p>Tesone D.V, Hospitality Information systems and E-commerce, Ed. John Willey&sons, 2006</p> <p>Turban E, Aronson Jay, Liang Ting-Peng, Sharda ramesh, Decision Support and Busines Intelligence Systems, 8th edition, Perason International Edition, 2007</p> <p>Turban E, Volonini Linda, Information Technology for management- transforming organization in the digital economy, 7th edition, Ed. John Willey&sons, 2010</p> <p>Tutunea, M, Instrumente IT pentru administrarea afacerilor, Presa Univ. Clujeana, Cluj-Napoca, 2012</p> <p>Any other documentation, printed or digital tutorials, websites, etc., relevant to studied material;</p>	

9. Corroborating the content of the discipline with the expectations of the epistemic community, professional associations and representative employers within the field of the program

ITC knowledge and skills are absolutely necessary and are required specifically in any company
 All business information systems presented in the course are used in all national and international companies
 All practical applications are directly related to business activity in various fields

10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Share in the grade (%)
10.4 Course	Understanding the concepts presented Logical consistency; Ability to apply concepts learned in business environment	test	5
10.5 Seminar/lab activities	Ability to apply concepts learned; individual study Interest and interactive participation	Individual homework	5
	95% active and interactive attendance	Files saved on GD	10
	Individual projects – I, II	During semester – minim 5/project	60



	Projects presentation	Last two weeks - compulsory	20
10.6 Minimum performance standards			
- basic knowledge of all studied modules and their application in practical examples			
- practical skills in using the studied software tools			

Date

Course coordinator

Mihaela-Filofteia Tutunea, Phd

Seminar coordinator

Mihaela-Filofteia Tutunea, Phd

Date of Approval

Head of Department

Oana Adriana Gică, Phd

