



COURSE DESCRIPTION

1. Information about the programme

1.1 Institution of higher education	Alexandru Ioan Cuza University of Iasi
1.2 Faculty	Faculty of Economics and Business Administration
1.3 Department	Department of Accounting, Information Systems and Statistics
1.4 Field of study	Business Informatics
1.5 Level	Master
1.6 Study programme/ Qualification	Software Development and Business Information Systems

2. Information about the course

2.1 Course name	Information Systems Audit						
2.2 Course coordinator	Prof. Adrian Bogdănel Munteanu, Ph.D.						
2.3 Seminar coordinator	Prof. Adrian Bogdănel Munteanu, Ph.D.						
2.4 Year of study	I	2.5 Semester	II	2.6 Type of assessment	P	2.7 Discipline status	C

* C – Compulsory / E - Elective

3. Total estimated time (hours allotted to didactic activity per semester)

3.1 Total number of hours per week	3	of which: 3.2 lecture	2	3.3 seminar/lab	1
3.4 Total number of hours in the curriculum	42	of which: 3.5 lecture	28	3.6 seminar/lab	14
Time distribution					hours
Study of the handbook, coursebook, bibliography and notes					45
Additional research in the library, online and on the field					25
Preparation of seminars/labs, homeworks and projects					50
Tutorials					15
Assessment					3
Other activities.....					
3.7 Total number of self-study hours	138				
3.9 Total number of hours per semester	180				
3.10 Number of credits	6				

4. Prerequisites (if applicable)

4.1 curriculum-based	
4.2 competence-based	



**5. Conditions** (if applicable)

5.1. for lectures	<ul style="list-style-type: none">Lecture rooms shall be provided with video projectorStudents will attend lectures. Cell phones must be turned off.
5.2. for seminars/labs	<ul style="list-style-type: none">Students are invited to bring and use their own laptops;Labs will have enough computers for students not owning a laptop

6. Assimilated specific competences

Professional competences	<ul style="list-style-type: none">C1.1 Knowledge about tools, techniques and methods of analysis, design, implementation and testing of business information systems (2 credits)C4.3 Identification of information sources, application modules and available services, both inside and outside the business system; estimate the solutions of their integration in order to match the current and future information needs of the organization (1.5 credits)C5.1 Acquiring knowledge on methodologies and standards for planning, implementation and monitoring of software projects, the governance of technologies, services and IT systems within organizations (3 credits)C6.4 Manage business processes and related services in organization for a maximum impact on organizational performance (1 credits)
Transversal competences	<ul style="list-style-type: none">CT1 – The ability to communicate and collaborate in teams of different professionals (0.5 credits)CT2 – The ability to coordinate project teams and manage informational projects (1 credits)

7. Discipline objectives (provided by the assimilated specific competences grid)

7.1 The general objective of the discipline	<ul style="list-style-type: none">To provide the core knowledge in order to deal IS audit
7.2 Specific objectives	<ul style="list-style-type: none">Develop and implement a risk based IT audit strategyPlan specific audits to determine whether IS are protectedConduct audits in accordance with IS audit standardsReport audit findings and make recommendationsConduct follow ups

8. Content

8.1 Lecture	Teaching methods	Observations
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The process of auditing information systems	PPT presentation, explanation, conversation, questioning.	2 lectures
Governance and management of IT	PPT presentation, explanation, conversation, questioning. Case study	2 lecture
Information systems aquisition, development and implementation	PPT presentation, explanation, conversation, questioning. Case study.	3 lecture
Information systems operations, maintenance and support	PPT presentation, explanation, conversation, questioning. Case study	3 lecture
Protection of information assets	PPT presentation, explanation, conversation, questioning. Case study	3 lecture
Bibliography CISA Review Manual www.isaca.org		
8. 2 Seminar/lab	Teaching methods	Observations
The process of auditing information systems – case study 1, 2, 3 presentation	Presentation, Discussion Questioning	2 lab
Governance and management of IT – case study 4,5,6,7 presentation	Presentation, Discussion Questioning	2 labs
Information systems aquisition, development and implementation – case study 8,9 presentation	Presentation, Discussion Questioning	2 lab
Information systems operations, maintenance and support – case study 10, 11 presentation	Demonstration, Scripts and code execution, Questioning	1 lab
Protection of information assets – case study 12, 13, 14, 15	Demonstration, Scripts and code execution, Questioning	3 lab





Bibliography
CISA Review Manual
www.isaca.org

9. Corroboration of the discipline content with the expectations of epistemic community representatives, professional associations as well as of representative employers in the programme related field.

- The content of this discipline has been decided upon by taking into account both the curricula of some prestigious Western Universities and the demands of the economic environment provided by potential employers, either in the public or in the private IT companies.

10. Assessment

Type of activity	10.1 Assessment criteria	10.2 Assessment methods	10.3 Share of final grade
Multiple questions exam 1	Minim 50% of questions passed	On line exam	100%
10.6 Minimum performance standard			
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Date of completion

Lecture Coordinator
Prof. Adrian Munteanu, Ph.D.

Seminar Coordinators
Prof. Adrian Munteanu, Ph.D.

Date of approval within the department

Head of Department
Prof. Florin Dumitriu, Ph.D.

