

UNIVERSITY OF ECONOMICS - VARNA
MASTER DEGREE CENTER
DEPARTMENT OF INFORMATICS

Adopted by the FC (record №8 / 05.03.2020)

Adopted by the DC (record №7 / 28.02.2020)

ACCEPTED BY:

Dean:

(prof. Vladimir Sulov, PhD)

SYLLABUS

SUBJECT: “GRADUATE SEMINAR”;

DEGREE PROGRAMME: “Computer Science”; MASTER’S DEGREE

YEAR OF STUDY: 5 for same field graduates, 6 for other field graduates;

SEMESTER: 10 for same field graduates, 12 for other field graduates;

TOTAL STUDENT WORKLOAD: 240 hours; incl. curricular 30 hours

CREDITS: 8

DISTRIBUTION OF STUDENT WORKLOAD ACCORDING TO THE CURRICULUM

<i>TYPE OF STUDY HOURS</i>	WORKLOAD, hours	TEACHING HOURS PER WEEK, hours
CURRICULAR:		
incl.		
• LECTURES	15	1
• SEMINARS / LAB. EXERCISES	15	1
EXTRACURRICULAR	210	-

Prepared by:

1.
(prof. Vladimir Sulov, PhD)

2.
(chief assist. prof. Olga Marinova, PhD)

Head of department

of Informatics:
(prof. Julian Vasilev, PhD)

I. ANNOTATION

The "Graduate Seminar" course offers students methodical knowledge for carrying out scientific research in the field of computer science. Students' abilities for independent research, problem resolution and results' presentation are developed.

The course has two main areas of topics. The first one emphasizes computer science and general research. The second one addresses the specific requirements in the course of preparing, formatting, and defending one's graduate diploma thesis. During the course the students prepare a short scientific essay based on their future thesis.

The acquired knowledge and skills will allow graduates in their future work in different spheres of business and society and with their potential scientific work.

II. THEMATIC CONTENT

№	TITLE OF UNIT AND SUBTOPICS	NUMBER OF HOURS		
		L	S	L.E.
Theme 1. Scientific research		3	1	
1.1	Types of scientific research	1		
1.2	Carrying out and main stages	2	1	
Theme 2. Literature and information resources		2	2	
2.1	Online scientific databases and libraries	1	1	
2.2	Scientific software	1	1	
Theme 3. Scientific publications		4	8	
3.1	Preparation	2		
3.2	Formatting	1	2	
3.2	Bibliography and referencing	1	2	
3.3	Presentation		4	
Theme 4. The diploma thesis		6	4	
4.1	Content and structure requirements	2	1	
4.2	Formatting requirements	1	1	
4.3	Procedures and rules	2	1	
4.4	Writing an abstract	1	1	
Total:		15	15	

III. FORMS OF CONTROL:

№	TYPE AND FORM OF CONTROL	Number	extracurricular, hours
1.	Midterm control		
1.1.	Case study	1	50
1.2.	Presentation	1	60
Total midterm control:		2	110
2.	Final term control		
2.1.	Essay	1	100
Total final term control:		1	100
Total for all types of control:		3	210

IV. LITERATURE

REQUIRED (BASIC) LITERATURE:

1. Online lectures (<http://users.ue-varna.bg/vsulov> and <http://e-learn.ue-varna.bg>).

RECOMMENDED (ADDITIONAL) LITERATURE:

1. Eco, U. How to Write a Thesis. MIT Press, 2015.
2. Greetham, B. How to Write Your Undergraduate Dissertation. Palgrave Macmillan, 2014.
3. Weyers, J., K. McMillan. How to Write Dissertations & Project Reports. Prentice Hall, 2011.