

UNIVERSITY OF ECONOMICS - VARNA
MASTER DEGREE STUDIES CENTER
DEPARTMENT „INFORMATICS“

ACCEPTED BY:

Rector:

(Prof. Dr. Plamen Iliev)

SYLLABUS

SUBJECT: “GRADUATE SEMINAR”;

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

YEAR OF STUDY: 5; SEMESTER: 10; (for same field graduates)

YEAR OF STUDY: 6; SEMESTER: 11; (for other fields graduates)

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

CREDITS: 8

DISTRIBUTION OF WORKLOAD ACCORDING TO THE CURRICULUM

<i>TYPE OF STUDY HOURS</i>	WORKLOAD, h.	TEACHING HOURS PER WEEK, h
CURRICULAR: incl. <ul style="list-style-type: none">• LECTURES• SEMINARS (lab. exercises)	30	2
EXTRACURRICULAR	210	-

Prepared by:

1.
(Prof. Dr. Vladimir Sulov)

2.
(Chief Assist. Prof. Dr. Latinka Todoranova)

Head of department:
“Informatics” (Prof. Dr. Vladimir Sulov)

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

No. by row	TITLE OF UNIT AND SUBTOPICS	NUMBER OF HOURS		
		L	S	L.E.
	1. Scientific research	6		
1.1	Types of scientific research	3		
1.2	Carrying out and main stages	3		
	2. Literature and information resources	6		
2.1	Online scientific databases and libraries	3		
2.2	Scientific software	3		
	3. Scientific publications	8		
3.1	Preparation	2		
3.2	Formatting	2		
3.2	Bibliography and referencing	2		
3.3	Presentation	2		
	4. The diploma thesis	10		
4.1	Content and structure requirements	3		
4.2	Formatting requirements	2		
4.3	Procedures and rules	3		
4.4	Writing an abstract	2		
	Total:	30		

III. FORMS OF CONTROL:

No. by row	TYPE AND FORM OF CONTROL	№	extracurricular, h.
	1. Midterm control		
1.1.	Presentation on the future essay	1	90
	Total midterm control:	1	90
	2. Final term control		
2.1.	Essay	1	120
	Total final term control:	1	120
	Total for all types of control:	2	210

IV. LITERATURE

REQUIRED(BASIC) LITERATURE:

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

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.