

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

ACCEPTED BY:

Rector:

(Prof. Dr. Plamen Iliev)

SYLLABUS

SUBJECT: “Business Management Systems (MS Dynamics Navision)”;

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: 210 h.; incl. curricular 60 h.

CREDITS: 7

DISTRIBUTION OF WORKLOAD ACCORDING TO THE CURRICULUM

<i>TYPE OF STUDY HOURS</i>	WORKLOAD, h.	TEACHING HOURS PER WEEK, h
CURRICULAR:		
incl.		
• LECTURES	30	2
• SEMINARS (lab. exercises)	30	2
EXTRACURRICULAR	150	-

Prepared by:

1.
(Assoc. Prof. Dr. Julian Vasilev)

2.
(Assistant Prof. Miglena Stoyanova)

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

I. ANNOTATION

Nowadays a lot of companies use Enterprise Resource Planning (ERP) systems. The discipline “Business management systems (MS Dynamics Navision)” provides a framework for getting new skills in working with ERP systems. The practical aspects of this course are illustrated by MS Dynamics Navision. Since this system is quite popular, students having deep background in ERP systems and MS Dynamics Navision can easily find a job as business consultants, ERP designers, beta testers in software companies and merchandisers in trade companies.

II. THEMATIC CONTENT

No. no ред	TITLE OF UNIT AND SUBTOPICS	NUMBER OF HOURS		
		L	S	L.E.
1. ERP systems		6		
1.1	ERP concepts	2		
1.2	Functionality	2		
1.3	Existing ERP systems	1		
1.4	Integration aspects	1		
2. MS Dynamics Navision		12		30
2.1	Concepts, features, technological model	2		6
2.2	Manufacturing	1		6
2.3	Sales and marketing	3		6
2.4	Purchasing,	3		6
2.5	Finance	3		6
3. Management of ERP systems		6		
3.1	Criteria for choosing an ERP system	1		
3.2	Support and maintenance of ERP systems	2		
3.3	Setup of ERP systems	2		
3.4	Software upgrades	1		
4. Tendencies in ERP systems		6		
4.1	E-logistics	1		
4.2	International logistics	1		
4.3	ERP systems for reverse logistics	1		
4.4	Business analysis with ERP systems	2		
4.5	Key performance indicators (KPIs) within ERP systems	1		
Total:		30		30

III. FORMS OF CONTROL:

No. by row	TYPE AND FORM OF CONTROL	№	extra- curricu- lar, h.
1.	Midterm control		
1.1.	Individual task to be solved within MS Dynamics Navision	1	60
Total midterm control:		1	60
2.	Final term control		
2.1.	Electronic test	1	90
Total final term control:		1	90
Total for all types of control:		2	150

IV. LITERATURE

REQUIRED (BASIC) LITERATURE:

1. Vasilev, J. and others. Business Management Systems (MS Dynamic Navsion). Developing web applications with the .NET Platform. Microsoft Information Systems and Application Security. Varna, Publishing house “Science and economics”, e-book, 2015.
2. Microsoft Dynamics Navision. www.microsoft.com

RECOMMENDED (ADDITIONAL) LITERATURE:

1. Coyle, J. et al. Managing supply chains. 2013. South-Western Cengage Learning, p. 693 (B75082).
2. David, P. International logistics, Cicero Books, 2013 (C7169).