



**BELGRADE UNIVERSITY  
TECHNICAL FACULTY IN BOR**

**Accreditation of study program**

UNDERGRADUATE STUDIES

ENGINEERING MANAGEMENT



**UNDERGRADUATE STUDIES  
(LEVEL I)**

**ENGINEERING MANAGEMENT**

**CURRICULUM**

**BOR, 2013.**



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**FIRST YEAR - I SEMESTER**

No.	Course code	Course	Number of classes per week	ECTS	Course group
1	OIM1I1	Informatics I	2+0	4	AO
2	Elective Course I		3+3	8	TM
2.1	OIM1M1	<i>Mathematics I</i>			
2.2	OIM1M1M	<i>Mathematics I M</i>			
3	OIM1OEP	Basics of Business Economics	3+3	8	TM
4	OIM1OS	Basics of Sociology	3+1	4	TM
5	OIM1OM	Basics of Management	3+0	4	TM
6	OIM1EJ1	English Language I	1+1	2	AO
Total			15+8	30	

**FIRST YEAR - II SEMESTER**



No.	Course code	Course	Number of classes per week	ECTS	Course group
7	OIM1EJ1	English Language I	1+1	2	AO
8	OIM1I2	Informatics II	2+2	6	AO
9	OIM1OTE	Basics of Market Economics	3+3	8	TM
10	OIM1OO	Basics of Organization	3+3	6	TM
11	Elective Course II		2+2	8	AO
11.1	OIM1KK	<i>Culture of Communications</i>			
11.2	OIM1OJ	<i>Public Relations</i>			
Total			11+11	30	

**SECOND YEAR – III SEMESTER**

No.	Course code	Course	Number of classes per week	ECTS	Course group
12	OIM2S	Statistics	3+3	9	TM
13	OIM2OM	Basics of Marketing	3+3	8	NS
14	OIM2P	Entrepreneurship	3+3	9	NS
15	OIM2EJ2	English Language II	1+1	4	AO
Total			10+10	30	

**SECOND YEAR – IV SEMESTER**

No.	Course code	Course	Number of classes per week	ECTS	Course group
16	OIM2EJ2	English Language II	1+1	2	AO
17	OIM2OP	Organizational Behavior	2+2	8	SA
18	OIM2OTPR	Basics of Technology and Merchandising	3+3	8	SA
19	OIM2FMR	Financial Management and Accounting	2+2	4	NS
20	OIM2UP	Production Management	3+3	8	SA
Total			11+11	30	



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**THIRD YEAR – V SEMESTER**

No.	Course code	Course	Number of classes per week	ECTS	Course group
21	OIM3OI1	Operations Research I	3+3	8	NS
22	OIM3TO	Decision Theory	3+3	8	NS
23	OIM3TP	Reliability Theory	2+2	4	SA
22	Elective Course III		2+2	8	NS
24.1	OIM3MLjR	<i>Human Resource Management</i>			
24.2	OIM3RK	<i>Career Development</i>			
25	OIM3EJ3	English Language III	1+1	2	AO
Total			11+11	30	

**THIRD YEAR – VI SEMESTER**

No.	Course code	Course	Number of classes per week	ECTS	Course group
26	OIM3EJ3	English Language III	1+1	2	AO
27	OIM3UK	Quality Management	3+3	6	NS
28	OIM3TS	Theory of Systems	3+3	8	NS
29	OIM3OI2	Operations Research II	2+2	6	SA
30	Elective Course IV		2+2	8	NS
30.1	OIM3TOP	<i>Technology of Companies Organization</i>			
30.2	OIM3JUPR	<i>Management Of Work Processes</i>			
Total			11+11	30	

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#### FOURTH YEAR – VII SEMESTER

No.	Course code	Course	Number of classes per week	ECTS	Course group
31	OIM4UP	Project Management	3+3	8	SA
32	OIM4PEJ	Business English Language	3+3	6	SA
33	OIM4PP	Business Law	2+0	4	AO
<b>MODULE 1: PM*</b>					
34	OIM4UNTI	Management of New Technologies and Innovations	3+2	6	SA
35	OIM4UIR	Management of Research and Development	3+0	6	NS
Total			14+8	30	
<b>MODULE 2:IM**</b>					
34	OIM4NIT	Advanced Information Technologies	2+2	6	SA
35	OIM4MIS	Management Information Systems	2+2	6	NS
Total			12+10	30	

#### FOURTH YEAR – VIII SEMESTER

No.	Course code	Course	Number of classes per week	ECTS	Course group
36	OIM4SM	Strategic Management	3+3	4	NS
37	OIM4UR	Risk Management	2+2	2	NS
<b>MODULE 1: PM*</b>					
38	OIM4PKT	Planning And Cost Control	3+3	4	NS
39	Elective Course V		2+0	6	SA
39.1	OIM4PE	<i>Business Ethics</i>			
39.2	OIM4EM	<i>Environmental Management</i>			
40	Elective Course VI		2+0	6	SA
41.1	OIM4ISM	<i>Integrated Management Systems</i>			
41.2	OIM4UPR	<i>Change Management</i>			
42	OIM4SP	Professional Practice	0+0+0+0+4***	2	
43	OIM4ZR	Final Paper	0+0+0+0+6***	6	SA
Total			12+8	30	
<b>MODULE 2: IM**</b>					
38	OIM4PI	Business Informatics	2+2	4	NS
39	Elective Course V		2+2	6	SA
39.1	OIM4RBP	<i>Relational Databases</i>			
39.2	OIM4ASB	<i>Algorithms and Data Structures</i>			
40	Elective Course VI		2+2	6	SA
41.1	OIM4PWD	<i>Business Web Design</i>			
41.2	OIM4RM	<i>Computer Networks</i>			
42	OIM4SP	Professional Practice	0+0+0+0+4***	2	
43	OIM4ZR	Final Paper	0+0+0+0+6***	6	SA
Total			11+11	30	

\*) PM- Business Management

\*\*) IM- Information Management

\*\*\*) other forms of classes are not counted in the weekly load.

#### **Legend of Course group:**

AO- Academic general educational;

TM- Theoretical methodological;

NS- Scientific and Professional;

SA- Professional applicative.