

CURRICULUM

Year: I

Semester: I

No. crt.	Type	Courses		Hours/week					ECTS	Evaluation
		Name	Code	C	S	L	P	IS		
Compulsory Courses (O)										
1	F	Mathematical Analysis	15.F.01.O.001	2	2	0	0	69	5	E
2	F	Physics 1	15.F.01.O.002	2	0	2	0	69	5	E
3	F	Chemistry	15.F.01.O.003	2	0	2	0	69	5	E
4	F	Computer Programming and Programming Languages 1	15.F.01.O.004	2	0	2	1	55	5	V
5	F	Fundamentals of Economics 1	15.F.01.O.005	2	1	0	0	58	4	E
6	C	English for Engineering 1	15.C.01.O.006	1	1	0	0	47	3	V
7	C	Physical Education and Sport 1	15.C.01.O.007	0	2	0	0	0	1	V
TOTAL: Compulsory courses (O)				11	6	6	1	367	28	4E+3V
Optional Courses (A)										
8a	DM	Organizational Culture	15.D.01.A.008	1	1	0	0	22	2	V
8b	DM	European Economic Policies	15.D.01.A.009	1	1	0	0	22	2	V
TOTAL: Optional Courses (A)				1	1	0	0	22	2	1V
TOTAL: Compulsory and Optional Courses (O+A)				12	7	6	1	389	30	4E+4V
TOTAL HOURS / WEEK				26						
Elective Courses (L)										
F.1.1	C	Psychopedagogical module 1- The psychology of education	15.C.01.L.001	2	2	0	0	69	5	E
F.1.2	C	Modern Language 1 German / Spanish / French	15.C.01.L.002	1	1	0	0	47	3	V
TOTAL: Elective Courses (L)				3	3	0	0	116	8	1E+1V
Year: I Semester: II										
No. crt.	Type	Courses		Hours/week					ECTS	Evaluation
		Name	Code	C	S	L	P	IS		
Compulsory Courses (O)										
1	F	Linear Algebra, Analytic and Differential Geometry	15.F.02.O.001	2	2	0	0	44	4	E
2	F	Physics 2	15.F.02.O.002	2	0	2	0	44	4	E
3	F	Fundamentals of Economics 2	15.F.02.O.003	2	1	0	0	58	4	E
4	F	Computer Programming and Programming Languages 2	15.F.02.O.004	2	0	2	0	44	4	V
5	DI	Biotechnology	15.D.02.O.005	2	1	0	0	58	4	E
6	C	English for Engineering 2	15.C.02.O.006	1	1	0	0	47	3	V
7	DI	Materials Science and Engineering	15.D.02.O.007	2	0	1	0	58	4	E
8	C	Physical Education and Sport 2	15.C.02.O.008	0	2	0	0	0	1	V
TOTAL: Compulsory courses (O)				13	7	5	0	353	28	5E+3V
Optional Courses (A)										
9a	C	Sociology	15.C.02.A.009	2	1	0	0	8	2	V
9b	C	Psychology	15.C.02.A.010	2	1	0	0	8	2	V
TOTAL: Optional Courses (A)				2	1	0	0	8	2	1V
TOTAL: Compulsory and Optional Courses (O+A)				15	8	5	0	361	30	5E+4V
TOTAL HOURS / WEEK				28						
Elective Courses (L)										
F.1.3	C	Pedagogy 1 - Fundamentals of pedagogy, Theory and methodology of the curriculum	15.C.02.L.001	2	2	0	0	69	5	E
F.1.4	C	Modern Language 2 German / Spanish / French	15.C.02.L.002	1	1	0	0	47	3	V
TOTAL: Elective Courses (L)				3	3	0	0	116	8	1E+1V

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CURRICULUM

Year: II

Semester: I

No. crt.	Type	Courses		Hours/week					ECTS	Evaluation
		Name	Code	C	S	L	P	IS		
Compulsory Courses (O)										
1	F	Statistics and Stochastics	15.F.03.O.001	2	2	0	0	69	5	V
2	DI	Mechanics and Strengths of Materials	15.D.03.O.002	2	0	2	0	44	4	E
3	DI	Energy Production, Transmission and Utilization	15.D.03.O.003	2	0	2	0	44	4	E
4	DI	Electrical and Electronic Technologies, Equipment and Installations	15.D.03.O.004	2	2	0	0	69	5	E
5	DM	Fundamentals of Management	15.D.03.O.005	2	1	0	0	83	5	E
6	C	English for Engineering 3	15.C.03.O.006	0	2	0	0	22	2	V
7	C	Physical Education and Sport 3	15.C.03.O.007	0	2	0	0	0	1	V
TOTAL: Compulsory courses (O)				10	9	4	0	331	26	4E+3V
Optional Courses (A)										
8a	SI	Processing of Business Data	15.S.03.A.008	2	0	2	0	44	4	E
8b	SI	Choosing raw materials and semi-finished products	15.S.03.A.009	2	0	2	0	44	4	E
TOTAL: Optional Courses (A)				2	0	2	0	44	4	1E
TOTAL: Compulsory and Optional Courses (O+A)				12	9	6	0	375	30	5E+3V
TOTAL HOURS / WEEK				27						
Elective Courses (L)										
F.2.1	C	Pedagogy 2 - Theory and methodology of training; Evaluation theory and methodology	15.C.03.L.001	2	2	0	0	44	5	E
F.2.2	C	Modern Language 3 German / Spanish / French	15.C.03.L.002	2	1	2	0		3	V
TOTAL: Elective Courses (L)				2	2	0	0	44	5	1E+1V
Year: II Semester: II										
No. crt.	Type	Courses		Hours/week					ECTS	Evaluation
		Name	Code	C	S	L	P	IS		
Compulsory Courses (O)										
1	F	Special Mathematics	15.F.04.O.001	2	2	0	0	69	5	E
2	DI	Mechanical Technologies and Equipment	15.D.04.O.002	2	0	2	0	69	5	E
3	DM	Marketing	15.D.04.O.003	2	2	0	0	44	4	E
4	SI	Electronic Measurements and Technical Systems	15.S.04.O.004	2	0	2	0	69	5	E
5	F	Applied Informatics	15.F.04.O.005	2	0	1	0	58	4	V
6	C	English for Engineering 4	15.C.04.O.006	0	2	0	0	22	2	V
7	C	Physical Education and Sport 4	15.C.04.O.007	0	1	0	0	0	1	V
TOTAL: Compulsory courses (O)				10	7	5	0	331	27	4E+3V
Optional Courses (A)										
8a	DI	Statistical Techniques in Business Processes	15.S.04.A.008	2	2	0	0	44	4	E
8b	DI	Business Diagnosis and Evaluation	15.S.04.A.009	2	2	0	0	44	4	E
TOTAL: Optional Courses (A)				2	2	0	0	44	4	1E
TOTAL: Compulsory and Optional Courses (O+A)				12	9	5	0	375	31	5E+3V
TOTAL HOURS / WEEK				26						
Elective Courses (L)										
F.2.3	C	Didactics of the specialty	15.C.04.L.001	2	2	0	0	69	5	E
F.2.4	C	Modern Language 3 German / Spanish / French	15.C.04.L.002	0	2	0	0	69	4	V
TOTAL: Elective Courses (L)				2	4	0	0	138	9	1E+1V

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University POLITEHNICA of Bucharest
Faculty of Entrepreneurship, Business Engineering and Management

Domain Engineering and Management
Study programme Business Engineering and Management

Academic year: 2023-2024

CURRICULUM

Year: III

Semester: I

No. crt.	Type	Courses		Hours/week					ECTS	Evaluation
		Name	Code	C	S	L	P	IS		
Compulsory Courses (O)										
1	DM	Human Resources Management	15.D.05.O.001	2	1	0	0	58	4	E
2	DI	Production Management	15.D.05.O.002	2	2	0	1	105	5; 2	E; P
3	SI	Quality Engineering	15.S.05.O.003	2	2	0	0	44	4	E
4	F	Computer Aided Design and Technical Drawing	15.F.04.O.004	2	0	2	0	44	4	V
5	SI	Fundamentals of Products Manufacturing	15.S.05.O.005	2	1	0	0	58	4	E
6	DI	Risk Assessment Techniques in Industrial Organizations	15.D.05.O.006	2	2	0	0	44	4	E
TOTAL: Compulsory courses (O)				12	8	2	1	353	27	5E+1V+1P
Optional Courses (A)										
7a	DM	Management Accounting	15.D.05.A.006	2	2	0	0	19	3	V
7b	DM	Financial Accounting	15.D.05.A.007	2	2	0	0	19	3	V
TOTAL: Optional Courses (A)				2	2	0	0	19	3	1V
TOTAL: Compulsory and Optional Courses (O+A)				14	10	2	1	372	30	5E+2V+1P
TOTAL HOURS / WEEK				27						
Elective Courses (L)										
F.3.1	C	Computer aided training	15.C.05.L.001	1	1	0	0	22	2	V
F.3.2	C	Pedagogical practice in compulsory pre-university education 1	15.C.05.L.002	0	3	0	0	33	3	V
F.3.3	C	Business English	15.C.05.L.003	0	2	0	0	72	4	V
F.3.4	C	Modern Language 4 German / Spanish / French	15.C.05.L.004	0	2	0	0	72	4	V
TOTAL: Elective Courses (L)				1	8	0	0	199	13	4V

Year: III

Semester: II

No. crt.	Type	Courses		Hours/week					ECTS	Evaluation	
		Name	Code	C	S	L	P	IS			
Compulsory Courses (O)											
1	DM	Innovation Management	15.D.06.O.001	2	1	0	0	8	2	E	
2	DM	Financial Management	15.D.06.O.002	2	2	0	0	-6	2	E	
3	SM	Marketing Research	15.S.06.O.003	2	1	0	0	83	5	E	
4	SM	Negotiation and Business Ethics	15.S.06.O.004	2	2	0	0	44	4	E	
5	DI	Logistics	15.D.06.O.005	2	2	1	0	30	4	E	
6	DJ	Commercial Legislation	15.D.06.O.006	2	1	0	0	8	2	V	
7	SI	Practical Stage (12 weeks)	15.S.06.O.007	360 hours (12 x 5 x 6 hours/day)							V
TOTAL: Compulsory courses (O)				12	9	1	0	167	19	5E+2V	
Optional Courses (A)											
8a	SM	Cost-Benefit Analysis	15.S.06.A.008	2	2	0	0	19	3	V	
8b	SM	Business Forecasting	15.S.06.A.009	2	2	0	0	19	3	V	
TOTAL: Optional Courses (A)				2	2	0	0	19	3	1V	
TOTAL: Compulsory and Optional Courses (O+A)				14	11	1	0	186	22	5E+3V	
TOTAL HOURS / WEEK				26							
Elective Courses (L)											
F.3.5	C	Pedagogical practice in compulsory pre-university education 2	15.C.06.L.001	0	3	0	0	0	2	V	
F.3.6	C	Student class management	15.C.06.L.002	1	1	0	0	47	3	E	
F.3.7	C	Graduation Exam - Level 1	15.C.06.L.003	0	0	0	0	125	5	E	
F.3.8	C	Business English	15.C.06.L.004	0	2	0	0	72	4	V	
F.3.9	C	Modern Language 6 German / Spanish / French	15.C.06.L.005	0	2	0	0	72	4	V	
TOTAL: Elective Courses (L)				1	8	0	0	316	18	2E+3V	

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CURRICULUM

Year: IV

Semester: I


No. crt.	Type	Courses Name	Code	Hours/week					ECTS	Evaluation
				C	S	L	P	IS		
Compulsory Courses (O)										
1	DM	Project Management	15.D.07.O.001	2	0	1	1	69	5	E
2	SI	Business Process Simulation	15.S.07.O.002	2	0	2	0	44	4	E
3	DI	Business Development in Services	15.D.07.O.003	2	0	2	0	69	5	E
4	SM	Technology Entrepreneurship	15.S.07.O.004	2	2	0	0	69	5	E
5	DJ	Intellectual Property Law	15.D.07.O.005	2	1	0	0	33	3	V
6	DM	Change Management	15.D.07.O.006	2	1	0	0	58	4	V
TOTAL: Compulsory courses (O)				12	4	5	1	342	26	4E + 2V
Optional Courses (A)										
7a	DI	Sustainable Development	15.D.07.A.007	2	2	0	0	44	4	E
7b	DI	Processing of Substances and Materials	15.D.07.A.008	2	1	0	0	58	4	E
TOTAL: Optional Courses (A)				2	2	0	0	44	4	1E
TOTAL: Compulsory and Optional Courses (O+A)				14	6	5	1	386	30	5E + 2V
TOTAL HOURS / WEEK				26						
Elective Courses (L)										
F.4.1	C	Business English	15.C.07.L.001	0	2	0	0	72	4	V
F.4.2	C	Modern Language 7 German / Spanish / French	15.C.07.L.002	0	2	0	0	72	4	V
TOTAL: Elective Courses (L)				0	4	0	0	144	8	2V

Year: IV

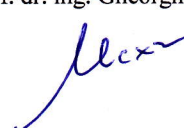
Semester: II

No. crt.	Type	Courses Name	Code	Hours/week					ECTS	Evaluation
				C	S	L	P	IS		
Compulsory Courses (O)										
1	SJ	Private International Law	15.S.08.O.001	2	1	0	0	58	4	V
2	SI	Computerized Product Design	15.S.08.O.002	2	2	0	2	41	5	V
3	DM	E-commerce	15.D.08.O.003	2	2	0	0	44	4	V
4	SM	Business Start up with Innovative Products	15.S.08.O.004	2	2	0	2	41	5	V
5	DM	Management Communication	15.D.08.O.005	2	1	0	0	58	4	V
6	SI	Development of Graduate Project	15.S.08.O.006	0	0	0	4	44	4	V
7	SI	Practical stage for development of Graduate Project (60 hours)	15.S.08.O.007	0	0	0	0	100	4	V
TOTAL: Compulsory courses (O)				10	8	0	8	386	30	7V
TOTAL: Compulsory and Optional Courses (O+A)				10	8	0	8	386	30	7V
TOTAL HOURS / WEEK				26						
Elective Courses (L)										
F.4.3	C	Business English	15.C.08.L.001	0	2	0	0	72	4	V
F.4.4	C	Modern Language 8 German / Spanish / French	15.C.08.L.002	0	2	0	0	72	4	V
TOTAL: Elective Courses (L)				0	4	0	0	144	8	2V
Diploma Exam									10	E

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COURSE REPORT

Sl. No.	Name	Grade	Semester I					Total	Average													
			1	2	3	4	5															
1	Abdullah, M. A.	B	1	2	3	4	5	15	3.0													
2	Abdullah, M. B.	C	2	3	4	5	6	20	4.0													
3	Abdullah, M. C.	D	3	4	5	6	7	25	5.0													
4	Abdullah, M. D.	E	4	5	6	7	8	30	6.0													
5	Abdullah, M. E.	F	5	6	7	8	9	35	7.0													
6	Abdullah, M. F.	G	6	7	8	9	10	40	8.0													
7	Abdullah, M. G.	H	7	8	9	10	11	45	9.0													
8	Abdullah, M. H.	I	8	9	10	11	12	50	10.0													
9	Abdullah, M. I.	J	9	10	11	12	13	55	11.0													
10	Abdullah, M. J.	K	10	11	12	13	14	60	12.0													
TOTAL			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Sl. No.	Name	Grade	Semester II					Total	Average													
			1	2	3	4	5															
1	Abdullah, M. A.	B	1	2	3	4	5	15	3.0													
2	Abdullah, M. B.	C	2	3	4	5	6	20	4.0													
3	Abdullah, M. C.	D	3	4	5	6	7	25	5.0													
4	Abdullah, M. D.	E	4	5	6	7	8	30	6.0													
5	Abdullah, M. E.	F	5	6	7	8	9	35	7.0													
6	Abdullah, M. F.	G	6	7	8	9	10	40	8.0													
7	Abdullah, M. G.	H	7	8	9	10	11	45	9.0													
8	Abdullah, M. H.	I	8	9	10	11	12	50	10.0													
9	Abdullah, M. I.	J	9	10	11	12	13	55	11.0													
10	Abdullah, M. J.	K	10	11	12	13	14	60	12.0													
TOTAL			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20


 Lecturer
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Date: _____
 Lecturer's Name: _____