

Curriculum of the study programme
38.03.05_01 «ENTERPRISE ARCHITECTURE»

Index	Description	Total hours	Total credits	Semester	Assessment
K.M.01	General education module	468	13		
K.M.01.01	Life safety	72	2	4	Academic assessment
K.M.01.02	History	72	2	2	Academic assessment
K.M.01.03	Philosophy	108	3	1	Exam
K.M.01.04	Jurisprudence	72	2	1	Academic assessment
K.M.01.05	Sociology and Psychology	144	4	1	Exam
K.M.02	Physical Culture	400	2	2	
K.M.02.01	Physical Culture	72	2	2	Academic assessment
K.M.02.02	Elective physical culture and sports	328		1,2,3,4	Academic assessment
K.M.03	Foreign language learning module	648	18		
K.M.03.01	Foreign language: Basic course	324	9	1,2,3	Academic assessment, exam
K.M.03.02	Foreign language: Vocational-oriented course	216	6	4.5	Academic assessment, exam
K.M.03.03	Business Informatics Seminar (in English)	108	3	6	Academic assessment
K.M.04	Fundamental module	792	22		
K.M.04.01	Math module	504	14		
K.M.04.01.01	Maths	360	10	1,2	Exam
K.M.04.01.02	Probability theory	144	4	3	Exam
K.M.04.02	Natural science module	144	4		
K.M.04.02.01	Ecology	72	2	3	Academic assessment
K.M.04.02.02	Concepts of modern natural science	72	2	1	Academic assessment
K.M.04.03	Information technology module	144	4		
K.M.04.03.01	Informatics	144	4	1	Exam
K.M.05	Basic module	3168	88		
K.M.05.01	Introduction to professional activities	72	2	2	Academic assessment

K.M.05.02	Economic theory	288	8		
K.M.05.02.01	Microeconomics	144	4	1	Exam
K.M.05.02.02	Macroeconomics	144	4	2	Exam
K.M.05.03	Enterprise economy	144	4	2	Exam, SGW
K.M.05.04	Management theory	252	7		
K.M.05.04.01	Management	180	5	3	Exam
K.M.05.04.02	Systems theory	72	2	3	Academic assessment
K.M.05.05	Marketing	180	5	3	Exam
K.M.05.06	Accounting	180	5	3	Exam, SGW
K.M.05.07	Statistics	144	4	4	Exam
K.M.05.08	Digital technologies in business management	144	4	5	Exam
K.M.05.09	Discrete Math	144	4	4	Academic assessment
K.M.05.10	Information and documentation support	180	5		
K.M.05.10.01	Management documentation	72	2	1	Academic assessment
K.M.05.10.02	Information systems and technologies	108	3	2	Exam
K.M.05.11	General engineering disciplines	144	4		
K.M.05.11.01	Advanced manufacturing technology	72	2	1	Academic assessment
K.M.05.11.02	Digital Industry Technologies	72	2	2	Academic assessment
K.M.05.12	Database	144	4	5	Exam
K.M.05.13	Enterprise architecture	144	4	7	Exam
K.M.05.14	Data management	144	4	6	Exam
K.M.05.DV.01	Disciplines (modules) optional 1 (DI.1)	144	4		
K.M.05.DW.01.01	Programming technologies	144	4	4	Exam
K.M.05.DW.01.02	Algorithmization and programming	144	4	4	Exam
K.M.05.DW.02	Disciplines (modules) optional 2 (DI.2)	180	5		
K.M.05.DW.02.01	Mathematical methods in economics and management	180	5	4	Exam, SGW
K.M.05.DW.02.02	Operations research	180	5	4	Exam, SGW
K.M.05.DV.03	Disciplines (modules) optional 3 (DI.3)	252	7		
K.M.05.DW.03.01	Business process modeling	252	7	4,5	Exam

K.M.05.DW.03.02	Business Modeling Tools	252	7	4,5	Exam
K.M.05.DV.04	Disciplines (modules) optional 4 (DV.4)	144	4		
K.M.05.DV.04.01	Finance theory	144	4	3	Exam
K.M.05.DW.04.02	Finance and credit	144	4	3	Exam
K.M.05.DW.05	Disciplines (modules) optional 5 (DV.5)	144	4		
K.M.05.DW.05.01	Information systems lifecycle management	144	4	6	Exam
K.M.05.DW.05.02	Information systems design	144	4	6	Exam
K.M.06	Profile module	1152	32		
K.M.06.01	Subject-oriented information systems	144	4	5	Exam
K.M.06.02	IT Service Management	144	4	7	Exam
K.M.06.03	Decision support systems	180	5	7	Exam
K.M.06.04	Project management	216	6	7.8	Exam, academic assessment
K.M.06.05	Innovation management	180	5	8	Exam
K.M.06.06	Enterprise Architecture Investment Management	144	4	6	Exam
K.M.06.07	Web technologies	144	4	6	Exam
K.M.07	Mobility module	360	10		
K.M.07.DV.01	Additional profile disciplines	360	10		
K.M.07.DW.01.01	Educational foresight	360	10	5.6.7	Academic assessment
K.M.07.DW.01.02	Career adaptability	360	10	5.6.7	Academic assessment
K.M.08	Project activity module	1764	49		
K.M.08.01 (U)	Practice for obtaining primary professional skills and abilities, including primary skills and research skills	72	2	2	Academic assessment
K.M.08.02 (PD)	Undergraduate practice	216	6	8	Exam
K.M.08.03	Basics of project activities	108	3	4	Academic assessment, SGW
K.M.08.04	Project work on the analysis of enterprise business processes	180	5	5	Academic assessment, CP
K.M.08.05	Project work on the analysis of information exchange models	144	4	6	Academic assessment, CP
K.M.08.06	Design work on the formation of the IT architecture of the enterprise	144	4	7	Exam, CW
K.M.08.07 (P)	Practice in the basics of management	144	4	5	Academic assessment

K.M.08.08	Project work on project management of implementation of architectural solutions	180	5	8	Exam, CW
K.M.08.09 (p)	Practice for assessing the effectiveness of reorganization projects	144	4	7	Academic assessment
K.M.08.10	Complex course project	216	6	8	Academic assessment, CP
K.M.08.11 (p)	Practice for obtaining professional skills and professional experience	216	6	6	Academic assessment
K.M.09	State final certification	216	6		
K.M.09.01 (D)	Defense of the final qualifying work, including preparation for the defense procedure and the defense procedure	216	6	8	
FTD.	Electives. Variable part	216	6		
FTD.B.01	Basics of work in EIOS	36	1	1	Academic assessment
FTD.B.02	Creative semesters	36	1	1	Academic assessment
FTD.B.03	Information resources and information retrieval technologies	72	2	2	Academic assessment
FTD.B.04	Professionally oriented course of the second foreign language	72	2	6	Academic assessment

Basic part - 99 ZETS *

Variable part, compulsory disciplines - 52 ZET *;

The variable part, optional disciplines - 34 ZET *;

Practice block - 49 ZETS *;

State final certification - 6 ZET *;

* 1 ZET - 36 hours.

D - Preparation and defense of the diploma

Summary data

		Course 1			Course 2			Course 3			Course 4			Sum
		Sem. 1	Sem. 2	Sum	Sem. 3	Sem. 4	Sum	Sem. 5	Sem. 6	Sum	Sem. 7	Sem. 8	Sum	
	Theoretical teaching and Practices	15 1/6	15 1/6	30 2/6	15 1/6	15 1/6	30 2/6	15 1/6	15 1/6	30 2/6	15 1/6	11	26 1/6	117 1/6
E	Exam sessions	4 2/6	5 5/6	10 1/6	4 2/6	5 5/6	10 1/6	4 2/6	2 3/6	6 5/6	4 2/6	2 1/6	6 3/6	33 4/6
P	Industrial practice								4	4				4
Up	Undergraduate practice											4	4	4
D	Defense of graduation qualification work, including Preparation for the Defense Procedure and the Defense Procedure											4	4	4
H	Holidays		9	9		9	9		8 2/6	8 2/6		8 5/6	8 5/6	35 1/6
*	Non-working Holidays (not including Sundays)	1 3/6 (9 days)	1 (6 days)	2 3/6 (15 days)	1 3/6 (9 days)	1 (6 days)	2 3/6 (15 days)	1 3/6 (9 days)	1 (6 days)	2 3/6 (15 days)	1 3/6 (9 days)	1 (6 days)	2 3/6 (15 days)	10 (60 days)
Duration of studying (not including non-working days and holidays)		More than 39 weeks			More than 39 weeks			More than 39 weeks			More than 39 weeks			
Sum		21	31	52	21	31	52	21	31	52	21	31	52	208