

Applied Mathematics and Informatics																	
N	Course Name	Course Code	Course ID	Lang.	Prerequisites	Course credits	Classes per week	Mode of instruction	Type of class	Weekday	Time	Instructor	# of section	# of students	# of AU seats	Type of course	Required for admits (year)
1	Introduction to contemporary mathematics	MAT 130.1	4956	Russian		6	2	Offline	Seminar	Tuesday	12:45	Enver Atamanov	1	18		E	
									Seminar	Thursday	12:45						
2	An introduction to probability and statistics	MAT 134	3345	Russian		6	2	Offline	Seminar	Tuesday	9:25	Enver Atamanov	1	18		E	
									Seminar	Thursday	9:25						
				Russian		6	2	Offline	Seminar	Tuesday	10:50	Enver Atamanov	1	18		E	
									Seminar	Thursday	10:50						
3	Mathematics for life (eng)	MAT 135	3344	English		6	2	Offline	Seminar	Tuesday	9:25	Elmira Musuralieva	1	18		E	
									Seminar	Thursday	9:25						
				English		6	2	Offline	Seminar	Tuesday	10:50	Elmira Musuralieva	2	18		E	
									Seminar	Thursday	10:50			18			
				English		6	2	Offline	Seminar	Tuesday	12:45	Elmira Musuralieva	3			E	
									Seminar	Thursday	12:45						
4	Linear Algebra and Analytic Geometry (for Economics)	MAT 131.1	3827	English		6	2	Offline	Seminar	Tuesday	12:45	Zarina Shapakova	1	18		R	economics 2025
									Seminar	Thursday	12:45						
				English		6	2	Offline	Seminar	Tuesday	12:45	Elmira Kerimkulova	2	18		R	economics 2025
									Seminar	Thursday	12:45						
5	Mathematics for business and economics I	MAT 132	2924	English		6	2	Offline	Seminar	Tuesday	10:50	Syrgak Kydyraliev	1	18		R	Business Administration and LAS-SE 2025
									Seminar	Thursday	10:50						
				English		6	2	Offline	Seminar	Tuesday	9:25	Elmira Kerimkulova	2	18		R	Business Administration and LAS-SE 2025
									Seminar	Thursday	9:25						

				English		6	2	Offline	Seminar	Tuesday	10:50	Elmira Kerimkulova	3	18		R	Business Administration and LAS-SE 2025
									Seminar	Thursday	10:50						
				English		6	2	Offline	Seminar	Tuesday	9:25	Elena Burova	4	18		R	Business Administration and LAS-SE 2025
									Seminar	Thursday	9:25						
6	Statistics for Business	MAT 308	5664	English	MAT 131.1/ 131.2/ 132/	6	2	Offline	Seminar	Tuesday	12:45	Syrgak Kydyraliev	1	18		R	Business Administration, Economics 2024
									Seminar	Thursday	12:45						
				English	MAT 103/ 131/ 132/ 234	6	2	Offline	Seminar	Tuesday	9:25	Bakyt Urmambetov	2	18		R	Business Administration, Economics 2024
									Seminar	Thursday	9:25						
				English	MAT 103/ 131/ 132/ 234	6	2	Offline	Seminar	Tuesday	10:50	Bakyt Urmambetov	3	18		R	Business Administration, Economics 2024
										Thursday	10:50						
7	Linear Algebra and Analytic Geometry for AMI/SFW	MAT 131.2	3828	English		6	2	Offline	Seminar	Tuesday	10:50	Elena Burova	1	18		R	AMI/SFW 2025
									Seminar	Thursday	10:50						
				English		6	2	Offline	Seminar	Tuesday	9:25	Polina Dolmatova	2	18		R	AMI/SFW 2025
									Seminar	Thursday	9:25						
				English		6	2	Offline	Seminar	Tuesday	9:25	Zarina Shapakova	3	18		R	AMI/SFW 2025
									Seminar	Thursday	9:25						
				English		6	2	Offline	Seminar	Tuesday	10:50	Zarina Shapakova	4	18		R	AMI/SFW 2025
										Thursday	10:50						

8	Discrete Mathematics and Mathematical Logic I (for AMI/SFW)	COM 227	3129	English		6	2	Offline	Seminar	Tuesday	12:45	Lyubov Altynnikova	1	10		R	AMI/SFW 2025
									Seminar	Thursday	12:45						
				English		6	2	Offline	Seminar	Tuesday	12:45	Sergei Sklyar	2	18		R	AMI/SFW
									Seminar	Thursday	12:45						
9	Discrete Mathematics	MAT 240	5676	English		6	2	Offline	Seminar	Tuesday	12:45	Lyubov Altynnikova	1	8		R	2025
									Seminar	Thursday	12:45						
				English		6	2	Offline	Seminar	Tuesday	9:25	Lyubov Altynnikova	2	18		R	2025
									Seminar	Thursday	9:25						
				English		6	2	Offline	Seminar	Tuesday	10:50	Lyubov Altynnikova	3	18		R	2025
									Seminar	Thursday	10:50						
10	Physics. Computer Modeling	MAT 202.1	4243	English		6	2	Offline	Seminar	Monday	14:10	Uzak Imanaliev		25		R	AMI/SFW 2025
									Seminar	Friday	14:10						
11	Intensive College Algebra	MAT 100	6185	English		6	2	Offline	Seminar	Tuesday	8:00	TBD	1	15		E	
									Seminar	Thursday	8:00						
12	Mathematical Analysis II(AMI)	MAT 316.2	3365	English	MAT 233.1/ 233.2/ 234	6	2	Offline	Seminar	Tuesday	10:50	Polina Dolmatova	1	15		R	AMI 2024
									Seminar	Thursday	10:50						
									Seminar	Wednesday	9:25	Polina Dolmatova	2	15		R	AMI 2024
									Seminar	Wednesday	10:50						
13	Ordinary Differential Equations	MAT 332	3700	English	MAT 233.1/ 233.2/ 234	6	2	Offline	Seminar	Tuesday	12:45	Taalaibek Imanaliev	1	15		R	AMI 2024
									Seminar	Thursday	12:45						
		MAT 332	3700	English	MAT 233.1/ 233.2/ 234	6	2	Offline	Seminar	Tuesday	14:10	Taalaibek Imanaliev	2	15		R	AMI 2024
									Seminar	Thursday	14:10						

14	Functional Analysis	MAT 341	3724	English	MAT 233.1/ 233.2/ 234	6	2	Offline	Seminar	Tuesday	10:50	Taalaibek Imanaliev	1	15		R	AMI 2023
									Seminar	Thursday	10:50						
15	Optimization Methods	MAT 435	3726	English	MAT 233.1/ 233.2/ 234/	6	2	Offline	Seminar	Tuesday	8:00	Bakyt Urmambetov	1	15		R	AMI 2023
									Seminar	Thursday	8:00						
16	Operating Systems	COM 341.1	3325	English	COM 117	6	2	Offline	Lecture	Tuesday	14:10	Melis Osmonov	1	15		R	AMI 2023
									Practice	Tuesday	15:35						
17	Complex Variables	MAT 326	3699	English	MAT 233.1/ 233.2/ 234/	6	2	Offline	Seminar	Tuesday	12:45	Elena Burova	1	15		R	AMI 2023
									Seminar	Thursday	12:45						
18	Internship: Work experience	MAT 480	4120	English		3	1	Offline	Seminar	Thursday	17:00	Olga Zabinyakova	1	15		R	AMI 2022
19	Educational Internship	MAT 380	4121	English		3	1	Offline	Seminar	Thursday	15:35	Olga Zabinyakova	1	15		R	AMI 2022
20	Senior Project Preparation I	MAT 480	3966	English	MAT 370	3	1	Offline	Seminar	Thursday	14:10	Sergei Sklyar	1	15		R	AMI 2022
21	Numerical Methods for Equations of Mathematical Physics	MAT 410	3968	English	MAT 360, MAT 407	6	2	Offline	Lecture	Tuesday	10:50	Sergei Sklyar	1	15		R	AMI 2022
									Practice	Thursday	10:50						
22	Math Modelling in Economics	MAT 333	3701	English	MAT 233.1/ 233.2/ 234/	6	2	Offline	Seminar	Tuesday	9:25	Syrgak Kydyraliev	1	15		E	
									Seminar	Thursday	9:25						
23	Data Science	COM/ MAT 295	4520	English	COM 117/ MAT 233.2/ COM 119	6	2	Offline	Seminar	Friday	9:25	Polina Dolmatova	1	15		E	

									Seminar	Friday	10:50						
24	Mathematical Analysis I for Economics	MAT 233.1	3861	English	MAT 233.1/ 233.2/ 234/	6	2	Offline	Seminar	Tuesday	12:45	Olga Zabinyakova	1	6		R	2024
									Seminar	Thursday	12:45						
25	Mathematical Analysis I for AMI/SFW	MAT 233.2	3855	English	MAT 233.1/ 233.2/ 234/	6	2	Offline	Seminar	Tuesday	12:45	Olga Zabinyakova	1	6		R	2024
									Seminar	Thursday	12:45						
26	Mathematics for business and economics II	MAT 234	3075	English	MAT 233.1/ 233.2/ 234/	6	2	Offline	Seminar	Tuesday	12:45	Olga Zabinyakova	1	6		R	2024
										Thursday	12:45						
27	Game Theory and Its Applications in Politics and Life	MATH/ICP/ ECO-300	6315	English		6	2	Online	Seminar	Tuesday	12:45	Mikhail Myagkov	1	18		E	
									Seminar	Thursday	12:45						
	Storytelling with Statistics	MAT/HUM 200	4659	English		6	2	Online	Seminar	Tuesday	15:35	Polina Dolmatova	1	18		E	
	OSUN								Seminar	Thursday	15:35						