

**Spring 2024 course schedule of**
**Applied Mathematics and Informatics**

<b>N</b>	<b>Course Name</b>	<b>Course Code</b>	<b>Course ID</b>	<b>Lang.</b>	<b>Prerequisites</b>	<b>Course credits</b>	<b>Classes per week</b>	<b>Occupation</b>	<b>Weekday</b>	<b>Time</b>	<b>Instructor</b>	<b># of sections</b>	<b># of students</b>	<b># of AU seats</b>	<b>Type of course</b>	<b>Required for admits (year)</b>
1	Common Sense of Math Models	MAT 137	5826	English		6	2	Lecture	Tuesday	14:10	Jetigen Bakyt uulu	1	18		Gened	2020-2023
								Practice	Thursday	14:10						
2	Popular Mathematics	MAT 122	3191	English		6	2	Lecture	Tuesday	10:50	Jetigen Bakyt uulu	1	18		Gened	2020-2023
								Practice	Thursday	10:50						
3	Introduction to contemporary mathematics	MAT 130.1	4956	Russian		6	2	Lecture	Tuesday	12:45	Enver Atamanov	1	18	0	Gened	2023-2020
								Practice	Thursday	12:45						
4	An introduction to probability and statistics	MAT 134	3345	Russian		6	2	Lecture	Tuesday	9:25	Enver Atamanov	1	18	0	Gened	2023-2020
								Practice	Thursday	9:25						
								Lecture	Tuesday	10:50	Enver Atamanov	2	18	0	Gened	2023-2020
								Practice	Thursday	10:50						
5	An introduction to probability and statistics	MAT 133	3346	English		6	2	Lecture	Tuesday	9:25	Elmira Musuralieva	1	18	0	Gened	2023-2020
								Practice	Thursday	9:25						
6	Mathematics for life (eng)	MAT 135	3344	English		6	2	Lecture	Tuesday	10:50	Elmira Musuralieva	1	18	0	Gened	2023-2020
								Practice	Thursday	10:50						
								Lecture	Tuesday	12:45	Elmira Musuralieva	2	18	0	Gened	2023-2020
								Practice	Thursday	12:45						
7	Linear Algebra and Analytic Geometry for Economics	MAT 131.1	3827	English		6	2	Lecture	Tuesday	9:25	Olga Zabinyakova	1	6	0	R	2023
								Practice	Thursday	9:25						
8	Linear Algebra and Analytic Geometry for AMI/SFW	MAT 131.2	3828	English		6	2	Lecture	Tuesday	9:25	Olga Zabinyakova	1	6	0	R	2023
								Practice	Thursday	9:25						
9	Mathematics for business and economics I	MAT 132	2924	English		6	2	Lecture	Tuesday	9:25	Olga Zabinyakova	1	6	0	R	2023
								Practice	Thursday	9:25						

10	Mathematical Analysis I for Economics	MAT 233.1	3861	English	MAT 131.1, 132	6	2	Lecture	Tuesday	10:50	Zarina Shapakova	1	18	0	R	2023
								Practice	Thursday	10:50						
								Lecture	Tuesday	10:50	Elmira Kerimkulova	2	18	0	R	
								Practice	Thursday	10:50						
11	Mathematics for business and economics II	MAT 234	3075	English		6	2	Lecture	Tuesday	8:00	Lyubov Altynnikova	1	18	0	R	2023
								Practice	Thursday	8:00						
								Lecture	Tuesday	10:50	Syrgak Kydyraliev	2	18	0	R	
								Practice	Thursday	10:50						
								Lecture	Tuesday	8:00	Elmira Kerimkulova	3	18	0	R	
								Practice	Thursday	8:00						
								Lecture	Tuesday	9:25	Elmira Kerimkulova	4	18	0	R	
								Practice	Thursday	9:25						
12	The Theory Of Probabilities And Math. Statistic	MAT 307	3215		MAT 131.1, 131.2, 132	6	2	Lecture	Tuesday	8:00	Bakyt Urmambetov	1	18	0	R	2022
								Practice	Thursday	8:00						
								Lecture	Tuesday	9:25	Bakyt Urmambetov	2	18	0	R	
								Practice	Thursday	9:25						
								Lecture	Tuesday	12:45	Syrgak Kydyraliev	3	18	0	R	
								Practice	Thursday	12:45						
								Lecture	Tuesday	9:25	Elena Burova	4	18	0	R	
								Practice	Thursday	9:25						
								Lecture	Tuesday	10:50	Elena Burova	5	18	0	R	
								Practice	Thursday	10:50						
								Lecture	Tuesday	9:25	Polina Dolmatova	6	18	0	R	
								Practice	Thursday	9:25						
13	Discrete Mathematics	MAT 240	5676	English		6	2	Lecture	Tuesday	9:25	Jetigen Bakyt uulu	1	18	0	R	2023
								Practice	Thursday	9:25						
14	Discrete Mathematics and Mathematical Logic II	COM 228	3130	English		6	2	Lecture	Tuesday	9:25	Lyubov Altynnikova	1	18	0	R	2023

								Seminar	Thursday	9:25						
								Lecture	Tuesday	10:50	Lyubov Altynnikova	2	18	0	R	
								Seminar	Thursday	10:50						
15	Mathematical Analysis I for AMI/SFW	MAT 233.2	3825	English	MAT 131.2	6	2	Lecture	Tuesday	8:00	Zarina Shapakova	1	18	0	R	2023
								Practice	Thursday	8:00						
								Lecture	Tuesday	9:25	Zarina Shapakova	2	18	0	R	
								Practice	Thursday	9:25						
								Lecture	Tuesday	10:50	Olga Zabinyakova	3	18	0	R	
								Practice	Thursday	10:50						
								Lecture	Tuesday	12:45	Elena Burova	4	18	0	R	
								Practice	Thursday	12:45						
								Lecture	Tuesday	10:50	Polina Dolmatova	5	18	0	R	
								Practice	Thursday	10:50						
								Lecture	Tuesday	14:10	Taalaibek Imanaliev	6	18	0	R	
								Practice	Thursday	14:10						
16	Numerical Methods	MAT 407	3214	English	MAT 316.2, COM 117	6	2	Lecture	Tuesday	10:50	Sergei Sklyar	1	18	0	R	2022
								Practice	Thursday	10:50						
17	Computer Architecture	COM 410.1	3268	English	COM 311.1	6	2	Lecture	Tuesday	14:10	Melis Osmonov	2	18	0	R	2021
								Practice	Tuesday	15:35						
18	Equations of Mathematical Physics	MAT 360	3725	English	MAT 332	6	2	Lecture	Tuesday	12:45	Taalaibek Imanaliev	1	18	0	R	2021
								Practice	Thursday	12:45						
19	Research Methods in Applied Mathematics	MAT 370	3864	English	MAT 131.2, 316.2	6	2	Lecture	Tuesday	10:50	Taalaibek Imanaliev	1	18	0	R	2021
								Practice	Thursday	10:50						
20	Senior Project Preparation II	MAT 481	3967	English	MAT 480	3	1	Lecture	Thursday	12:45	Sergei Sklyar	1	18	0	R	2020
21	Mathematical Modeling in Geophysics	MAT 420	4118	English	MAT 360, 407	6	2	Lecture	Tuesday	14:10	Sergei Sklyar	1	18	0	R	2020
								Practice	Thursday	14:10						

22	Dynamic Models for Economics and Business (eng)	MAT 433	3484	English	MAT 233.1, 233.2	6	2	Lecture	Tuesday	9:25	Syrgak Kydyraliev	1	18	0	E	2021-2020
								Practice	Thursday	9:25						
23	Game Theory	MAT/ECO 317	3453	English	MAT 233.2	6	2	Lecture	Tuesday	10:50	Bakyt Urmambetov	1	18	0	E	2021-2020
								Practice	Thursday	10:50						
24	Data Science	COM/MATH 295	4520	English	COM 119 MAT 233.2	6	2	Lecture	Tuesday	12:45	Polina Dolmatova	1	18	0	E	2022-2020
								Lab	Thursday	12:45						
25	Advanced Statistics	MAT 511	5615	English		6	2	Lecture	Thursday	17:30	Bakyt Urmambetov	1	18	0	E	2021-2020
								Practice	Thursday	18:45						
26	Competitive Mathematics I	MAT 204	5919	English	MAT 131.2	3	1	Practice	Thursday	14:10	Polina Dolmatova	1	18	0	E	2022-2020