

	Course Name	Code	ID	Lang	Prer	Cr	Classes per week	Lec/Sem	Day	Time	N of sec	N of students	Room	Instructor	Co-teaching credits	Req/elec	Year		
<b>FRESHMEN SOFTWARE ENGINEERING</b>																			
1	Introduction to Programming (eng)	COM 122	5682	Eng	none	6	2	Lecture	Monday	14:10	1	90	CH	Dmitriy Shostak, Instructor	LOCK	R	2022		
								Lab	Wednesday	12:45		18	432	Dmitriy Toksaitov, Instructor	LOCK				
								Lab	Wednesday	14:10		18	432	Dmitriy Toksaitov, Instructor	LOCK				
								Lab	Wednesday	15:35		18	432	Dmitriy Toksaitov, Instructor	LOCK				
								Lab	Tuesday	14:10		18	433	Pavel Ges, Instructor	LOCK				
								Lab	Wednesday	12:45		18	233	Pavel Ges, Instructor	LOCK				
2	Discrete Mathematics (eng)	COM 236	5676	Eng	none	6	2	Lab	Tuesday	8:00	1	18		Olga Zabinyakova, Instructor	LOCK	R	2022		
								Practice	Thursday	8:00									
3	Discrete Mathematics (eng)	COM 236	5676	Eng	none	6	2	Lab	Tuesday	9:25	2	18		Olga Zabinyakova, Instructor	LOCK	R	2022		
								Practice	Thursday	9:25									
4	Discrete Mathematics (eng)	COM 236	5676	Eng	none	6	2	Lab	Tuesday	10:50	3	18		Olga Zabinyakova, Instructor	LOCK	R	2022		
								Practice	Thursday	10:50									
5	Discrete Mathematics (eng)	COM 236	5676	Eng	none	6	2	Lab	Tuesday	12:45	4	18		Olga Zabinyakova, Instructor	LOCK	R	2022		
								Practice	Thursday	12:45									
<b>SOFTWARE ENGINEERING, APPLIED MATHEMATICS</b>																			
1	Structural Programming	COM 118	4322	Eng	none	6	2	Lecture	Monday	14:10	1	54	CH	Dmitriy Shostak, Instructor		R	2021		
								Lab	Wednesday	10:50		18	G31						
								Lab	Wednesday	12:45		18	G31						
								Lab	Wednesday	14:10		18	G31						
														LOCK					
2	Introduction to Software Engineering and Informatics	COM 108	4321	Eng	none	6	2	Lecture	Tuesday	10:50	1	18	433	Kasiet Okenaeva, Instructor		R	2021		
								Seminar	Thursday	10:50									433
<b>SOPHOMORE SOFTWARE ENGINEERING</b>																			
1	Algorithms and Data Structures	COM 223.1	3114	eng	COM 119	6	2	Lecture	Monday	12:45	1	90	/P	Dmitriy Shostak, Instructor		R	2021		
								Lab	Friday	10:50		18	G31						
								Lab	Friday	12:45		18	G31						
								Lab	Friday	14:10		18	G31						
								Lab	Friday	15:35		18	G31						
								Lab	Wednesday	15:35		18	G31						
														LOCK					
															LOCK				
<b>JUNIOR SOFTWARE ENGINEERING</b>																			
1	Database (eng)	COM 213	4773	Eng	COM 119	6	2	Lecture	Wednesday	10:50	1	72	/P	Kumar Sharshembiev, Associate Professor		R	2020		
								Lab	Wednesday	12:45		18	433					Kumar Sharshembiev, Associate Professor	
								Lab	Wednesday	15:35		18	433					Pavel Ges, Instructor	LOCK
								Lab	Thursday	9:25		18	433					Pavel Ges, Instructor	

2	Operating Systems	COM 341.1	3325	Eng	COM 410.1	6	2	Lab	Thursday	12:45	1	18	433	Pavel Ges, Instructor	R	2020
								Lecture	Tuesday	12:45		65	/P	Dmitriy Toksaitov, Instructor		
								Lab	Friday	12:45		18	432	Dmitriy Toksaitov, Instructor		
								Lab	Friday	14:10		18	432	Dmitriy Toksaitov, Instructor		
								Lab	Friday	15:35		18	432	Dmitriy Toksaitov, Instructor		
								Lab	Tuesday	15:35		11	433	Pavel Ges, Instructor		
3	Algorithm Languages	COM 393	4974	Eng	COM 410.1	6	2	Lecture	Tuesday	10:50	1	65	/P	Kumar Sharshembiev, Associate Professor	R	2020
								Lab	Thursday	10:50		18	432	Kumar Sharshembiev, Associate Professor		
								Lab	Tuesday	12:45		18	433	Pavel Ges, Instructor		
								Lab	Thursday	14:10		18	433	Pavel Ges, Instructor		
								Lab	Wednesday	14:10		11	433	Pavel Ges, Instructor		
<b>SENIOR SOFTWARE ENGINEERING</b>																
1	Software Engineering I	COM 421.1	3705	Eng	COM 119	6	2	Lecture	Tuesday	14:10	1	32	432	Dmitriy Toksaitov, Instructor	R	2019
								Lab	Thursday	12:45		16	432			
								Lab	Thursday	14:10		16	432			
2	Information Security	COM 424.1	3953	Eng	COM 324.1	6	2	Lecture	Tuesday	12:45	1	18	G31	Kumar Sharshembiev, Associate Professor	R	2019
								Lab	Thursday	12:45			G31			
3	Senior Project I	COM 431.1	3706	Eng	COM 119 410.1 341.1	6	2	Lecture	Monday	12:45	1	18	433	Almaz Bakenov, Associate Professor	R	2019
								Seminar	Friday	12:45			433			
4	Senior Project I	COM 431.1	3706	Eng	COM 119 410.1 341.1	6	2	Lecture	Monday	14:10	2	18	433	Almaz Bakenov, Associate Professor	R	2019
								Seminar	Friday	14:10			433			
<b>ELECTIVES</b>																
1	Competitive Programming	COM/ SPO 200	4320	Eng	none	0	2	Lecture	Tuesday	14:10	1	18	G30	Azamat Derkenbaev, Instructor	E	2021- 2018
								Lab	Saturday	10:50- 14:00			G30			
2	Competitive Programming	COM/ SPO 200	4320	Eng	none	0	2	Lecture	Tuesday	15:35	2	18	G30	Azamat Derkenbaev, Instructor	E	2021- 2018
								Lab	Saturday	12:45- 15:25			G30			

5	Computer Networks	COM 416.1	3709	Eng	COM 324.1/ 431.1	6	2	Lecture	Monday	9:25	1	18	G30	Zarlyk Jumabek, Instructor		E	2020- 2019
								Lab	Monday	10:50			G30				
6	Computer speech and language processing (eng)	COM 435	5094	Eng	COM 410.1	6	2	Lecture	Tuesday	9:25	1	18	G30	Michael Brady, Associate Professor		E	2020- 2019
								Lab	Thursday	9:25			G30				
7	Neural Networks and Deep Learning	COM 312	4519	Eng	COM 410.1	6	2	Lecture	Tuesday	10:50	1	18	G30	Michael Brady, Associate Professor		E	2020- 2019
								Lab	Thursday	10:50			G30				
8	Applied autonomous robotics	COM 255	4521	Eng	COM 119	6	2	Lecture	Tuesday	12:45	1	18	G30	Michael Brady, Associate Professor		E	2020- 2019
								Lab	Thursday	12:45			G30				
9	Mobile and IoT application development	COM 254	4389	Eng	COM 119	6	2	Lecture	Monday	12:45	1	18	432	Dmitriy Toksaitov, Instructor		E	2020- 2018
								Lab	Monday	14:10			432				
10	Modern programming languages (eng)	COM 297	5679	Eng	COM 119	6	2	Lecture	Tuesday	15:35	1	18	432	Dmitriy Toksaitov, Instructor		E	2021- 2019
								Lab	Thursday	15:35			432				
11	Blockchain	COM 281	5548	Eng	COM 119	6	2	Lecture	Monday	12:45	1	18	G31	Youngho Park, Instructor		E	2021- 2019
								Lab	Monday	14:10			G31				
12	Cryptography	COM 426	4402	Eng	COM 223.1	6	2	Lecture	Wednesday	12:45	1	18	G30	Youngho Park, Instructor		E	2020- 2019
								Lab	Wednesday	14:10			G30				
13	Windows Application Development	COM 236	5678	Eng	COM 119	6	2	Lecture	Friday	9:25	1	18	432	Youngho Park, Instructor		E	2021- 2019
								Lab	Friday	10:50			432				
14	Modern C++	COM 323	5680	Eng	COM 223.1	6	2	Lecture	Thursday	14:10	1	18	G31	Azamat Derkenbaev, Instructor		E	2020- 2019
								Lab	Thursday	15:35			G31				
15	Introduction to Modern System Engineering (eng)	COM 374	5677	Eng	COM 119	6	2	Lecture	Wednesday	9:25	1	18	G30	Almaz Bakenov, Associate Professor		E	2021- 2019
								Lab	Friday	9:25			G30				
16	Introduction to the IoT messaging and data Processing (eng)	COM 366	5681	Eng	COM 410.1	6	2	Lecture	Monday	10:50	1	18	233	Almaz Bakenov, Associate Professor		E	2020- 2019
								Lab	Friday	10:50			233				
17	HTML and Web page Design (eng)	COM - 360.1	3041	Eng	COM 108	6	2	Lecture	Tuesday	14:10	1	18	233	FuMIng Young, Instructor		E	2021- 2019
								Lab	Tuesday	15:35			233				