

Course Requirements and Registration Priorities (Undergraduate), Summer 2018

#	Abbr	Title	Cr(US)	Cr(ECTS)	PreRequisite	CoRequisite	AntiRequisite	1st priority registration	2nd priority registration	3rd priority registration	4th priority registration
SHSS											
Kazakh Language and Turkic Studies											
1	KAZ 367	Practical Cultural Kazakh Language	0	0				Through Add form only			
Other											
Other											
2	T-AHS 181	Discovering Anthropology	3	6							
3	T-BIO 498TUT	Undergraduate Research	3	6							
4	T-CE 400LEC	Special Topics	3	6							
5	T-CHE 498TUT	Senior Research	3	6							
6	T-CIE 308	Engineering Statistics	3	6							
7	T-CIE 435	Foundation Engineering	3	6							
8	T-CLASSICS 370	Classical Mythology	3	6							
9	T-COM ARTS 345	Online Comm & Personal Rltnshp	3	6							
10	T-COM ARTS 346	Critical Internet Studies	3	6							
11	T-CSE 331LR	Intro to Algorithms	4	8							
12	T-EAS 360LEC	STEM Communications	3	6							
13	T-ECO 2015LEC	Money & Banking	3	6							
14	T-ECO 405LEC	Microeconomic Theory	3	6							
15	T-ECO 407SEM	Macroeconomic Theory	3	6							
16	T-EE 498TUT	Undergrd Research Activity	6	12							
17	T-INTL BUS 200	International Business	3	6							
18	T-ISSU 1064	Quantitative Finance: Maths in Investment	3	6							
19	T-JMM 570	Politics and Economics of the Free Society	3	6							

20	T-LEGAL ST 131	Criminal Justice in America	3	6							
21	T-MAE 338LAB	MAE Lab II	2	4							
22	T-MAE 376	Applied Math for MAEs	3	6							
23	T-MGA 201LR	Intro to Financial Accounting	3	6							
24	T-PHILOS 243	Ethics in Business	3	6							
25	T-PHILOS 304	Philosophy and Feminism	3	6							
26	T-POLI SCI 401	Selected Topics-Poli Sci	3	6							
27	T-PSY 101LEC	Introductory Psychology	3	6							
28	T-PSY 331LEC	Social Psychology	3	6							
29	T-RELIG ST 173	Consuming Happiness	3	6							
30	T-SOC 134	Soc of Race & Ethnicity in US	3	6							
31	T-SOC 131	Criminal Justice in America	3	6							
32	T-SOC 138	The Sociology of Gender	3	6							
33	T-SOC 307LEC	Criminology	3	6							
SSH											
Biological Science											
34	BIOL 392	Directed Study in Biology	3	6					Through Add form only		
35	BIOL 399	Biology Internship	3	6					Through Add form only		
Chemistry											
36	CHEM 102	General Chemistry II	3	6	CHEM 101 General Chemistry I (113) (C and above)			Chemistry	SST	SHSS	
37	CHEM 102L	General Chemistry II lab	1	2	CHEM 101L General Chemistry I lab (179) (C and above)	CHEM 102 General Chemistry II (232) (C and above)		Chemistry	SST	SHSS	
38	CHEM 189c	Independent Study	3	6					Through Add form only		
39	CHEM 388	Chemistry Internship	3	6					Through Add form only		
Communication and Composition											
40	COMM 439	Special Topics in Media	3	6							

Economics

41	ECON 300	Research Assistance in Economics	1	2	ECON 101 Introduction to Microeconomics (379) (C- and above) AND ECON 102 Introduction to Macroeconomics (503) (C- and above)			Through Add form only			
42	ECON 498	Advanced Special Topics in Economics	3	6	ECON 201 Intermediate Microeconomics (133) (C- and above) AND ECON 202 Intermediate Macroeconomics (207) (C- and above)						

History, Philosophy and Religious Studies

43	HST 100	History of Kazakhstan	3	6				4 year UG SENG, 4 year UG SHSS, 4 year UG SST	SEng, SHSS, SST		
44	HST 399	Independent Study	3	6							
45	PHIL 124	Knowledge and Reality	3	6				SEng, SHSS, SST			
46	PHIL 223	Philosophy of Science	3	6				SEng, SHSS, SST			

Kazakh Language and Turkic Studies

47	KAZ 100	Elementary Kazakh	3	6							
48	KAZ 101	Basic Kazakh I	3	6	KLL "[A2] Basic"						
49	KAZ 111	Intermediate Kazakh I	3	6	KLL "[B1.2] Intermediate"						
50	KAZ 211	Academic Speaking in Kazakh	3	6	KAZ 202 Academic Kazakh II (4562) (C- and above) OR KLL "[C1.1] Advanced"		KAZ 212 Academic Writing in Kazakh (703) (C- and above)	SEng, SHSS, SST			
51	KAZ 313	Kazakh for Business	3	6	KAZ 202 Academic Kazakh II (4562) (C- and above) OR KLL "[C1.1] Advanced"			SEng, SHSS, SST			

Languages, Literature and Linguistics

52	LING 370	Methods of Teaching Foreign Languages	3	6				Through Add form only			
53	LING 371	Practicum in Teaching Foreign Languages	2	4				Through Add form only			
54	RFL 103	Beginning Russian	4	8				Through Add form only			
55	RFL 104	Beginning Russian II	4	8							
56	RFL 203	Intermediate Russian	4	8				Through Add form only			
57	RFL 204	Intermediate Russian II	4	8							
58	RFL 303	Advanced Russian	4	8				Through Add form only			
59	RFL 304	Advanced Russian II	4	8							

60	SPA 101	Beginning Spanish I	4	8				SEng, SHSS, SST		
Mathematics										
61	MATH 161	Calculus I	4	8				SHSS	SST	
62	MATH 162	Calculus II	4	8	MATH 161 Calculus I (118) (C and above)			SST	SHSS	
63	MATH 274	Introduction to Differential Equations	3	6	MATH 162 Calculus II (170) (C and above)			SST	SHSS	
64	MATH 399	Internship	3	6				Through Add form only		
Physics										
65	PHYS 161	Physics I for Scientists and Engineers with Laboratory	4	8		MATH 161 Calculus I (118) (C and above)	PHYS 171 Physics I for Physics Majors with Laboratory (1401) (C- and above)	Biological Sciences, Chemistry	SST	SHSS
66	PHYS 162	Physics II for Scientists and Engineers with Laboratory	4	8	PHYS 161 Physics I for Scientists and Engineers with Laboratory (116) (C- and above) OR PHYS 151 Introductory Physics I with Lab (649) (C- and above)		PHYS 172 Physics II for Physics Majors with Laboratory (1402) (C- and above)	Physics	SST	SHSS
67	PHYS 299	Research project and internship	3	6				Through Add form only		
68	PHYS 399	Physics Research Project	3	6				Through Add form only		
69	PHYS 491	Directed Study of Advanced Physics Topics	3	6				Through Add form only		
Political Science and International Relations										
70	PLS 395	Independent Study	3	6	PLS 210 Political Science Research Methods (129) (C- and above) AND PLS 211 Quantitative Methods (221) (C- and above)					
71	PLS 451	Advanced Topics in International Relations	3	6	PLS 150 Introduction to International Relations (511) (C- and above) AND PLS 210 Political Science Research Methods (129) (C- and above) AND PLS 211 Quantitative Methods (221) (C- and above)					
SSH										
72	SSH 300	School of Sciences and Humanities Internship	3	6				Through Add form only		
73	SSH 301	School of Sciences and Humanities Internship: Second Experience	3	6				Through Add form only		

Sociology and Anthropology

74	SOC 101	Introduction to Sociology	3	6				2 year UG SST Biological Sciences, 3 year UG SST Biological Sciences, Anthropology, Sociology	SEng, SHSS, SST		
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SEDS

Computer Science

75	CSCI 152	Performance and Data Structures	4	8	CSCI 151 Programming for Scientists and Engineers (192) (C- and above) OR ENG 101 Programming for Engineers (4517) (B- and above)			Computer Science	SST	SHSS	
76	CSCI 299	Internship I	3	6				Through Add form only			
77	CSCI 398	Directed Study	3	6				Through Add form only			
78	CSCI 399	Internship II	3	6				Through Add form only			
79	CSCI 408	Senior Project I	3	6				Through Add form only			

Electrical and Computer Engineering

80	EEE 342	Electromagnetics	3	6							
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Mechanical and Aerospace Engineering

81	EME 254	Mechanics of Materials	3	6							
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Robotics and Mechatronics

82	ROBT 399	Internship	3	6				Through Add form only			
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School of Engineering

83	BENG 117	Engineering Mechanics	3	6				Course registered by School Office			
84	BENG 302	Internship	1	2				Through Add form only			
85	BENG 304	Internship	2	4				Through Add form only			
86	BENG 306	Internship	3	6				Through Add form only			
87	BENG 308	Internship	4	8				Through Add form only			
88	BENG 310	Internship	5	10				Through Add form only			
89	BENG 312	Internship	6	12				Through Add form only			