

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
Other											
Other											
1	T-AHS 181	Discovering Anthropology	3	6							
2	T-BIO 498TUT	Undergraduate Research	3	6							
3	T-CE 400LEC	Special Topics	3	6							
4	T-CHE 498TUT	Senior Research	3	6							
5	T-CIE 308	Engineering Statistics	3	6							
6	T-CIE 435	Foundation Engineering	3	6							
7	T-CLASSICS 370	Classical Mythology	3	6							
8	T-COM ARTS 345	Online Comm & Personal Rltnshp	3	6							
9	T-COM ARTS 346	Critical Internet Studies	3	6							
10	T-CSE 331LR	Intro to Algorithms	4	8							
11	T-EAS 360LEC	STEM Communications	3	6							
12	T-ECO 2015LEC	Money & Bankikng	3	6							
13	T-ECO 405LEC	Microeconomic Theory	3	6							
14	T-ECO 407SEM	Macroeconomic Theory	3	6							
15	T-EE 498TUT	Undergrd Research Activity	6	12							
16	T-INTL BUS 200	International Business	3	6							
17	T-ISSU 1064	Quantitative Finance: Maths in Investment	3	6							
18	T-JMM 570	Politics and Economics of the Free Society	3	6							
19	T-LEGAL ST 131	Criminal Justice in America	3	6							
20	T-MAE 338LAB	MAE Lab II	2	4							

21	T-MAE 376	Applied Math for MAEs	3	6						
22	T-MGA 201LR	Intro to Financial Accounting	3	6						
23	T-PHILOS 243	Ethics in Business	3	6						
24	T-PHILOS 304	Philosophy and Feminism	3	6						
25	T-POLI SCI 401	Selected Topics-Poli Sci	3	6						
26	T-PSY 101LEC	Introductory Psychology	3	6						
27	T-PSY 331LEC	Social Psychology	3	6						
28	T-RELIG ST 173	Consuming Happiness	3	6						
29	T-SOC 134	Soc of Race & Ethnicity in US	3	6						
30	T-SOC 131	Criminal Justice in America	3	6						
31	T-SOC 138	The Sociology of Gender	3	6						
32	T-SOC 307LEC	Criminology	3	6						
SSH										
Biological Science										
33	BIOL 399	Biology Internship	3	6				Through Add form only		
34	BIOL 492	Directed Study in Biology	3	6				Through Add form only		
Chemistry										
35	CHEM 102	General Chemistry II	3	6	CHEM 101 General Chemistry I (113) (C and above)			Chemistry	SST	SHSS
36	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
37	CHEM 189c	Independent Study	3	6				Through Add form only		
38	CHEM 388	Chemistry Internship	3	6				Through Add form only		
Communication and Composition										
39	COMM 439	Special Topics in Media	3	6						
40	SHSS 300	SHSS Internship	3	6				Through Add form only		
41	SHSS 301	SHSS Internship Second Experience	3	6				Through Add form only		
Economics										

42	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		
43	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										
44	HST 100	History of Kazakhstan	3	6				4 year UG SENG, 4 year UG SHSS, 4 year UG SST	SEng, SHSS, SST	
45	HST 399	Independent Study	3	6						
46	PHIL 124	Knowledge and Reality	3	6				SEng, SHSS, SST		
47	PHIL 223	Philosophy of Science	3	6				SEng, SHSS, SST		
Kazakh Language and Turkic Studies										
48	KAZ 100	Elementary Kazakh	3	6						
49	KAZ 101	Basic Kazakh I	3	6	KLL "Basic"					
50	KAZ 111	Intermediate Kazakh I	3	6	KLL "Intermediate"					
51	KAZ 211	Academic Speaking in Kazakh	3	6	KAZ 201 Academic Kazakh I (4561) (C- and above) OR KLL "Upper-Intermediate" OR KLL "Advanced"			SEng, SHSS, SST		
52	KAZ 313	Kazakh for Business	3	6	KLL "Advanced" OR KLL "Upper-Intermediate"			SEng, SHSS, SST		
53	KAZ 367	Practical Cultural Kazakh Language	0	0				Through Add form only		
Languages, Literature and Linguistics										
54	LING 370	Methods of Teaching Foreign Languages	3	6				Through Add form only		
55	LING 371	Practicum in Teaching Foreign Languages	2	4				Through Add form only		
56	RFL 103	Beginning Russian	4	8				Through Add form only		
57	RFL 104	Beginning Russian II	4	8						
58	RFL 203	Intermediate Russian	4	8				Through Add form only		
59	RFL 204	Intermediate Russian II	4	8						
60	RFL 303	Advanced Russian	4	8				Through Add form only		
61	RFL 304	Advanced Russian II	4	8						
62	SPA 101	Beginning Spanish I	4	8				SEng, SHSS, SST		
Mathematics										

63	MATH 161	Calculus I	4	8				SHSS	SST		
64	MATH 162	Calculus II	4	8	MATH 161 Calculus I (118) (C and above)			SST	SHSS		
65	MATH 274	Introduction to Differential Equations	3	6	MATH 162 Calculus II (170) (C and above)			SST	SHSS		
66	MATH 399	Internship	3	6				Through Add form only			
Physics											
67	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	
68	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	
69	PHYS 299	Research project and internship	3	6				Through Add form only			
70	PHYS 399	Physics Research Project	3	6				Through Add form only			
71	PHYS 491	Directed Study of Advanced Physics Topics	3	6				Through Add form only			
Political Science and International Relations											
72	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)						
73	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)						
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		
SEDS											
Computer Science											

75	CSCI 152	Performance and Data Structures	4	8	CSCI 151 Programming for Scientists and Engineers (192) (C- and above) OR CSCI 150 Fundamentals of Programming (1501) (C- and above) OR CSCI 261 Object Oriented Programming with Java I (171) (C- and above) OR ROBT 102 Programming for robotics and physics (188) (C- 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 Electronic Engineering											
80	EEE 342	Electromagnetics	3	6							
Mechanical Engineering											
81	EME 254	Mechanics of Materials	3	6							
Robotics and Mechatronics											
82	ROBT 399	Internship	3	6				Through Add form only			
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			