

Course Requirements and Registration Priorities 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			
GSB											
GSB											
2	GSBF 533	Islamic Banking and Finance	2	4							
3	GSBF 542	Global Finance Experience Residency (II)	3	6							
4	MBA 11	Managerial Accounting	2	4							
5	MBA 12	Operations Management	2	4							
6	MBA 18	Financial Statement Analysis	2	4							
7	MBAE 10	Leading Change and Innovation	2	4							
8	MBAE 12	Data Analytics for Business	2	4							
9	MBAE 7	Supply Chain Management	2	4							
GSPP											
Master in Public Administration											
10	MPA 607	Fiscal Management and Budgeting	4	8							
11	MPA 699	Master's Project with Overseas Component	0	0							
GSE											
MA in Multilingual Education											
12	EDML 601	Introduction to Linguistics	3	6							
MSc Educational Leadership HE											
13	EDHE 621	Education Policy Analysis and Development	3	6							
14	EDHE 622	Comparative and International Education	3	6							
15	EDHE 641	Organisation and governance in higher education	3	6							
16	EDHE 650	Innovative Research Methods: Answering the Complicated, Contemporary Questions in Higher Education	3	6							
17	EDHE 690	Thesis Seminar I	3	6							
18	EDHE 693	Thesis Seminar IV	9	18							
MSc Educational Leadership IE											
19	EDIE 650	Theories of Inclusive Education	3	6							

20	EDIE 652	Curriculum Design: perspectives on Addressing Barriers to Teaching and Learning (Including SEN)	3	6							
21	EDIE 690	Thesis Seminar I	3	6							
22	EDIE 693	Thesis Seminar IV	9	18							
MSc Educational Leadership SE											
23	EDSE 624	Psychology of Learning (Children as Learners)	3	6							
24	EDSE 630	Professional Identity	3	6							
25	EDSE 636	Preparing Children for the Future: Skills and Employability	3	6							
26	EDSE 637	Student Discourse and Argumentation: Theories, Practices and Policies	3	6							
27	EDSE 690	Thesis Seminar I	3	6							
28	EDSE 693	Thesis Seminar IV	9	18							
Other											
Other											
29	T-53 748	Migrations-und Diasporaforschung im Kaukasus und Zentralasien	4	8							
30	T-AHS 181	Discovering Anthropology	3	6							
31	T-BIO 498TUT	Undergraduate Research	3	6							
32	T-CE 400LEC	Special Topics	3	6							
33	T-CHE 498TUT	Senior Research	3	6							
34	T-CIE 308	Engineering Statistics	3	6							
35	T-CIE 435	Foundation Engineering	3	6							
36	T-CLASSICS 370	Classical Mythology	3	6							
37	T-COM ARTS 345	Online Comm & Personal Rltnshp	3	6							
38	T-COM ARTS 346	Critical Internet Studies	3	6							
39	T-CSE 331LR	Intro to Algorithms	4	8							
40	T-EAS 360LEC	STEM Communications	3	6							
41	T-ECO 2015LEC	Money & Banking	3	6							
42	T-ECO 405LEC	Microeconomic Theory	3	6							

43	T-ECO 407SEM	Macroeconomic Theory	3	6							
44	T-EE 498TUT	Undergrd Research Activity	6	12							
45	T-INTL BUS 200	International Business	3	6							
46	T-ISSU 1064	Quantitative Finance: Maths in Investment	3	6							
47	T-JMM 570	Politics and Economics of the Free Society	3	6							
48	T-LEGAL ST 131	Criminal Justice in America	3	6							
49	T-MAE 338LAB	MAE Lab II	2	4							
50	T-MAE 376	Applied Math for MAEs	3	6							
51	T-MBA 100	Communication and Conflict Management	3	6							
52	T-MBA 101	Information, Knowledge, Creativity	3	6							
53	T-MBA 102	Project Finance, Procurement, Legal Aspects	3	6							
54	T-MBA 103	Change Management = Program and Portfolio Management	3	6							
55	T-MGA 201LR	Intro to Financial Accounting	3	6							
56	T-PHILOS 243	Ethics in Business	3	6							
57	T-PHILOS 304	Philosophy and Feminism	3	6							
58	T-PKM 001	Parallel Kinematic Manipulators	2.5	5							
59	T-POLI SCI 401	Selected Topics-Poli Sci	3	6							
60	T-PSY 101LEC	Introductory Psychology	3	6							
61	T-PSY 331LEC	Social Psychology	3	6							
62	T-RELIG ST 173	Consuming Happiness	3	6							
63	T-SOC 134	Soc of Race & Ethnicity in US	3	6							
64	T-SOC 131	Criminal Justice in America	3	6							
65	T-SOC 138	The Sociology of Gender	3	6							
66	T-SOC 307LEC	Criminology	3	6							

SSH

Area Studies

67	EAS 505	Research and Fieldwork Practicum	4	8				1 year Gr SHSS Eurasian Studies			
Biological Science											
68	BIOL 392	Directed Study in Biology	3	6				Through Add form only			
69	BIOL 399	Biology Internship	3	6				Through Add form only			
Chemistry											
70	CHEM 102	General Chemistry II	3	6	CHEM 101 General Chemistry I (113) (C and above)			Chemistry	SST	SHSS	
71	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	
72	CHEM 189c	Independent Study	3	6				Through Add form only			
73	CHEM 388	Chemistry Internship	3	6				Through Add form only			
Communication and Composition											
74	COMM 439	Special Topics in Media	3	6							
Economics											
75	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			
76	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											
77	HST 100	History of Kazakhstan	3	6				4 year UG SENG, 4 year UG SHSS, 4 year UG SST	SEng, SHSS, SST		
78	HST 399	Independent Study	3	6							
79	PHIL 124	Knowledge and Reality	3	6				SEng, SHSS, SST			
80	PHIL 223	Philosophy of Science	3	6				SEng, SHSS, SST			
Kazakh Language and Turkic Studies											
81	KAZ 100	Elementary Kazakh	3	6							
82	KAZ 101	Basic Kazakh I	3	6	KLL "[A2] Basic"						

83	KAZ 111	Intermediate Kazakh I	3	6	KLL "[B1.2] Intermediate"						
84	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			
85	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											
86	LING 370	Methods of Teaching Foreign Languages	3	6				Through Add form only			
87	LING 371	Practicum in Teaching Foreign Languages	2	4				Through Add form only			
88	RFL 103	Beginning Russian	4	8				Through Add form only			
89	RFL 104	Beginning Russian II	4	8							
90	RFL 203	Intermediate Russian	4	8				Through Add form only			
91	RFL 204	Intermediate Russian II	4	8							
92	RFL 303	Advanced Russian	4	8				Through Add form only			
93	RFL 304	Advanced Russian II	4	8							
94	SPA 101	Beginning Spanish I	4	8				SEng, SHSS, SST			
Mathematics											
95	MATH 161	Calculus I	4	8				SHSS	SST		
96	MATH 162	Calculus II	4	8	MATH 161 Calculus I (118) (C and above)			SST	SHSS		
97	MATH 274	Introduction to Differential Equations	3	6	MATH 162 Calculus II (170) (C and above)			SST	SHSS		
98	MATH 399	Internship	3	6				Through Add form only			
Physics											
99	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	

100	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	
101	PHYS 299	Research project and internship	3	6				Through Add form only			
102	PHYS 399	Physics Research Project	3	6				Through Add form only			
103	PHYS 491	Directed Study of Advanced Physics Topics	3	6				Through Add form only			
Political Science and International Relations											
104	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)						
105	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)						
106	PLS 596	Thesis Preparation	2	4	PLS 540 Core Seminar in Comparative Politics (1374) (C+ and above) OR PLS 550 Core Seminar in IR (1372) (C+ and above) AND PLS 511 Advanced Research I (1631) (C+ and above)						
SSH											
107	SSH 300	School of Sciences and Humanities Internship	3	6				Through Add form only			
108	SSH 301	School of Sciences and Humanities Internship: Second Experience	3	6				Through Add form only			
Sociology and Anthropology											

109	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											
110	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	
111	CSCI 299	Internship I	3	6				Through Add form only			
112	CSCI 398	Directed Study	3	6				Through Add form only			
113	CSCI 399	Internship II	3	6				Through Add form only			
114	CSCI 408	Senior Project I	3	6				Through Add form only			
Electrical and Computer Engineering											
115	EEE 342	Electromagnetics	3	6							
Mechanical and Aerospace Engineering											
116	EME 254	Mechanics of Materials	3	6							
Robotics and Mechatronics											
117	ROBT 399	Internship	3	6				Through Add form only			
School of Engineering											
118	BENG 117	Engineering Mechanics	3	6				Course registered by School Office			
119	BENG 302	Internship	1	2				Through Add form only			
120	BENG 304	Internship	2	4				Through Add form only			
121	BENG 306	Internship	3	6				Through Add form only			
122	BENG 308	Internship	4	8				Through Add form only			
123	BENG 310	Internship	5	10				Through Add form only			
124	BENG 312	Internship	6	12				Through Add form only			