

**Course Requirements and Registration Priorities
School of Sciences and Humanities, Summer 2020**

#	Abbr	Title	Cr(US)	Cr(ECTS)	PreRequisite	CoRequisite	AntiRequisite	1st priority registration	2nd priority registration	3rd priority registration	4th priority registration
SSH											
Area Studies											
1	EAS 505	Research and Fieldwork Practicum	4	8				Eurasian Studies			
2	EAS 716	Dissertation Research in Eurasian Studies	0	0				Instructor's Permission Required. Registration through Add Course form only!			
Biological Science											
3	BIOL 492	Directed Study in Biology	3	6				Instructor's Permission Required. Registration through Add Course form only!			
4	BIOL 599	Master's Thesis Research	0	0				Biological Sciences			
5	BIOL 799	Thesis Research	0	0				Instructor's Permission Required. Registration through Add Course form only!			
Chemistry											
6	CHEM 102	General Chemistry II	3	6	CHEM 101 General Chemistry I (113) (C and above)			Chemistry	Biological Sciences, Computer Science, Mathematics, Physics, Robotics and Mechatronics	SEDS, SMG, SSH, SoM	
Communication and Composition											
7	SHSS 398	Independent Study	1	2				Instructor's Permission Required. Registration through Add Course form only!			
8	WCS 150	Rhetoric and Composition	3	6				2 year UG SEDS, 2 year UG SMG, 2 year UG SSH	1 year UG SEDS, 1 year UG SMG, 1 year UG SOM, 1 year UG SSH	SEDS, SMG, SSH, SoM	
Economics											
9	ECON 580	Research and Thesis	0	0				Economics			
History, Philosophy and Religious Studies											
10	HST 100	History of Kazakhstan	3	6				4 year UG SEDS, 4 year UG SMG, 4 year UG SSH	3 year UG SEDS, 3 year UG SMG, 3 year UG SSH	SEDS, SMG, SSH, SoM	
11	HST 399	Independent Study	3	6				Instructor's Permission Required. Registration through Add Course form only!			

12	PHIL 210	Ethics	3	6				2 year UG SEDS, 2 year UG SMG, 2 year UG SSH	1 year UG SEDS, 1 year UG SMG, 1 year UG SOM, 1 year UG SSH	SSH	
Kazakh Language and Turkic Studies											
13	KAZ 150	Basic Kazakh	3	6	KLL "Basic"			Instructor's Permission Required. Registration through Add Course form only!			
14	KAZ 201	Academic Kazakh I	3	6	KLL "Basic" OR KLL "Intermediate"			Instructor's Permission Required. Registration through Add Course form only!			
15	KAZ 202	Academic Kazakh II	3	6	KAZ 201 Academic Kazakh I (4561) (C- and above) OR KLL "Upper-Intermediate"			Instructor's Permission Required. Registration through Add Course form only!			
Languages, Literature and Linguistics											
16	LING 373	Advanced Topics in Linguistics	3	6	LING 131 Introduction to Linguistics (1394) (C- and above)						
17	WLL 399	Independent Study	3	6				Instructor's Permission Required. Registration through Add Course form only!			
Mathematics											
18	MATH 161	Calculus I	4	8				SEDS, SMG, SSH, SoM			
19	MATH 162	Calculus II	4	8	MATH 161 Calculus I (118) (C and above)			1 year UG SEDS, 1 year UG SMG, 1 year UG SSH Mathematics, 1 year UG SSH Physics	Biological Sciences, Chemistry, Mathematics, Physics, SEDS, SMG	SSH, SoM	
20	MATH 399	Internship	3	6				Instructor's Permission Required. Registration through Add Course form only!			
21	MATH 497	Directed Study in Mathematics I	3	6				Instructor's Permission Required. Registration through Add Course form only!			
22	MATH 599	Thesis Research Preparation	0	0				Instructor's Permission Required. Registration through Add Course form only!			
23	MATH 700	Thesis Research	0	0				Instructor's Permission Required. Registration through Add Course form only!			
Physics											
24	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)	1 year UG SEDS, 1 year UG SMG, 1 year UG SOM, 1 year UG SSH	SEDS, SMG, SSH, SoM		

25	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)	1 year UG SEDS, 1 year UG SMG, 1 year UG SOM, 1 year UG SSH	SEDS, SMG, SSH, SoM		
26	PHYS 299	Research project and internship	3	6				Instructor's Permission Required. Registration through Add Course form only!			
27	PHYS 399	Physics Research Project	3	6				Instructor's Permission Required. Registration through Add Course form only!			
28	PHYS 600	Thesis Research	0	0				Instructor's Permission Required. Registration through Add Course form only!			
29	PHYS 700	Thesis Research	0	0				Instructor's Permission Required. Registration through Add Course form only!			
Political Science and International Relations											
30	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)			Instructor's Permission Required. Registration through Add Course form only!			
31	PLS 495	Research Practicum in PSIR	1	2	PLS 210 Political Science Research Methods (129) (C- and above) AND PLS 211 Quantitative Methods (221) (C- and above)			Instructor's Permission Required. Registration through Add Course form only!			
32	PLS 597	Research for Thesis	6	12				Political Science and International Relations			
Sociology and Anthropology											
33	ANT 404	Research Assistance in Anthropology	3	6				Instructor's Permission Required. Registration through Add Course form only!			