

**Course Requirements and Registration Priorities
School of Sciences and Humanities (PhD), Spring 2022**

#	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 702	Elective in Eurasian Humanities	4	8				Instructor's Permission Required. Registration through Add Course form only!			
2	EAS 703	Elective in Eurasian Social Sciences	4	8				Instructor's Permission Required. Registration through Add Course form only!			
3	EAS 704	Elective 2 in Eurasian Humanities	4	8				Instructor's Permission Required. Registration through Add Course form only!			
4	EAS 708	Proseminar in Eurasian Humanities	4	8				Instructor's Permission Required. Registration through Add Course form only!			
5	EAS 709	Proseminar in Eurasian Social Sciences	4	8				Instructor's Permission Required. Registration through Add Course form only!			
6	EAS 710	Independent Study in Eurasian Studies	4	8				Instructor's Permission Required. Registration through Add Course form only!			
7	EAS 712	Doctoral Seminar in Eurasian Studies II	4	8				Instructor's Permission Required. Registration through Add Course form only!			
8	EAS 713	Qualifying Examination	0	0				Instructor's Permission Required. Registration through Add Course form only!			
9	EAS 800-0	Dissertation Research in Eurasian Studies	0	0				Instructor's Permission Required. Registration through Add Course form only!			
Biological Science											
10	BIOL 800-0	Thesis Research	0	0				Life Sciences			
11	BIOL 830	Advanced Neuroscience	4	8				Life Sciences	Biomedical Sciences, SSH	GSB, GSE, GSPP, SEDS, SMG, SoM	
12	BIOL 837	Advanced Optical and Electron Microscopy	4	8				Life Sciences	Biomedical Sciences, SSH	GSB, GSE, GSPP, SEDS, SMG, SoM	
13	BIOL 870	Advanced Biotechnology	4	8				Life Sciences	Biomedical Sciences, SSH	GSB, GSE, GSPP, SEDS, SMG, SoM	
14	BIOL 880	Applied Bioinformatics	4	8				Life Sciences	Biomedical Sciences, SSH	GSB, GSE, GSPP, SEDS, SMG, SoM	

15	BIOL 891	Cellular Biophysics	4	8			Life Sciences	Biomedical Sciences, SSH	GSB, GSE, GSPP, SEDS, SMG, SoM	
Kazakh Language and Turkic Studies										
16	TUR 775	Doctoral Topic in Turkic Studies	4	8			GSB, GSE, GSPP, SEDS, SMG, SSH, SoM			
Languages, Literature and Linguistics										
17	LING 772	Language Ideologies	4	8			SSH	GSB, GSE, GSPP, SEDS, SMG, SoM		
Mathematics										
18	MATH 700-0	Thesis Research	0	0			Mathematics			
19	MATH 702	Functional Analysis with Applications	4	8			Mathematics	SEDS, SSH	GSB, GSE, GSPP, SMG, SoM	
20	MATH 742	Advanced statistical programming	4	8			Mathematics	SEDS, SSH	GSB, GSE, GSPP, SMG, SoM	
21	MATH 761	Mathematical Finance	4	8			Mathematics	SEDS, SSH	GSB, GSE, GSPP, SMG, SoM	
22	MATH 791	Topics in Mathematics	4	8			Mathematics	SEDS, SSH	GSB, GSE, GSPP, SMG, SoM	
Physics										
23	PHYS 700-0	Thesis Research	0	0			Physics			
24	PHYS 701	Current Research Literature	3	6			Physics			
25	PHYS 710	Quantum Mechanics	4	8			Physics	GSB, GSE, GSPP, SEDS, SMG, SSH, SoM		
26	PHYS 720	Statistical Physics	4	8			Physics	GSB, GSE, GSPP, SEDS, SMG, SSH, SoM		
27	PHYS 763	General Relativity	4	8			Physics	GSB, GSE, GSPP, SEDS, SMG, SSH, SoM		
28	PHYS 770	Introduction to Optoelectronics	4	8			Physics	GSB, GSE, GSPP, SEDS, SMG, SSH, SoM		