

**Course Requirements and Registration Priorities
School of Sciences and Humanities (PhD), Fall 2023**

#	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 700	Introduction to Eurasia	4	8				Eurasian Studies	GSB, GSE, GSPP, SEDS, SMG, SSH, SoM		
2	EAS 701	Critical Issues in Eurasian Studies	2	4				Eurasian Studies	GSB, GSE, GSPP, SEDS, SMG, SSH, SoM		
3	EAS 702	Elective in Eurasian Humanities	4	8				Instructor's Permission Required. Registration through Add Course form only!			
4	EAS 703	Elective in Eurasian Social Sciences	4	8				Instructor's Permission Required. Registration through Add Course form only!			
5	EAS 704	Elective 2 in Eurasian Humanities	4	8				Instructor's Permission Required. Registration through Add Course form only!			
6	EAS 705	Elective 2 in Social Sciences	4	8				Instructor's Permission Required. Registration through Add Course form only!			
7	EAS 709	Proseminar in Eurasian Social Sciences	4	8				Instructor's Permission Required. Registration through Add Course form only!			
8	EAS 710	Independent Study in Eurasian Studies	4	8				Instructor's Permission Required. Registration through Add Course form only!			
9	EAS 711	Doctoral Seminar in Eurasian Studies I	4	8				Eurasian Studies	GSB, GSE, GSPP, SEDS, SMG, SSH, SoM		
10	EAS 800-0	Dissertation Research in Eurasian Studies	0	0				Eurasian Studies	GSB, GSE, GSPP, SEDS, SMG, SSH, SoM		
Biological Science											
11	BIOL 800-0	Thesis Research	0	0				Biomedical Sciences, Life Sciences	GSB, GSE, GSPP, SEDS, SMG, SoM		
12	BIOL 820	Statistical Methods in Life Sciences	3	6				Biomedical Sciences, Life Sciences	GSB, GSE, GSPP, SEDS, SMG, SoM		
13	BIOL 831	Synthetic Biology	4	8				Biomedical Sciences, Life Sciences	GSB, GSE, GSPP, SEDS, SMG, SoM		

14	BIOL 832	Drug Discovery and Design	4	8			Biomedical Sciences, Life Sciences	GSB, GSE, GSPP, SEDS, SMG, SoM		
15	BIOL 834	Advanced Cancer Biology	4	8			Biomedical Sciences, Life Sciences	GSB, GSE, GSPP, SEDS, SMG, SoM		
16	BIOL 850	Structural and Molecular Biology in Health and Disease	4	8			Biomedical Sciences, Life Sciences	GSB, GSE, GSPP, SEDS, SMG, SoM		
17	BIOL 860	Molecular Biology of Prokaryotic Cells	4	8			Biomedical Sciences, Life Sciences	GSB, GSE, GSPP, SEDS, SMG, SoM		
18	BIOL 875	Gene Therapy	4	8			Biomedical Sciences, Life Sciences	SSH	GSB, GSE, GSPP, SEDS, SMG, SoM	
Chemistry										
19	CHEM 700	Hot Topics in Chemistry	4	8			Chemistry	SSH	SEDS, SMG, SoM	
20	CHEM 711	Polymer Chemistry	4	8			Chemistry	SSH	SEDS, SMG, SoM	
21	CHEM 720	Spectrochemical Methods of analysis	4	8			Chemistry	SSH	SEDS, SMG, SoM	
22	CHEM 722	Advanced Environmental Chemistry	4	8			Chemistry	SSH	SEDS, SMG, SoM	
23	CHEM 730	Chemical Thermodynamics and Kinetics	4	8			Chemistry	SSH	SEDS, SMG, SoM	
24	CHEM 750	Modern Inorganic Chemistry	4	8			Chemistry	SSH	SEDS, SMG, SoM	
25	CHEM 798-0	Thesis Research	0	0			Chemistry	SSH	SEDS, SMG, SoM	
Communication and Composition										
26	WCS 730	From Genre to Style and Back: Writing for PhD Students	4	8			SSH			
Mathematics										
27	MATH 700-0	Thesis Research	0	0			Mathematics	SEDS, SMG, SSH, SoM		
28	MATH 701	Real Analysis	4	8			Mathematics			
29	MATH 721	Nonlinear Differential Equations with Applications	4	8			Mathematics			
30	MATH 742	Advanced statistical programming	4	8			Mathematics			
Physics										
31	PHYS 700-0	Thesis Research	0	0			Physics	SSH	SEDS, SMG, SoM	
32	PHYS 705	Classical Mechanics	4	8			Physics	SEDS, SMG, SSH, SoM		
33	PHYS 715	Classical Electrodynamics	4	8			Physics	SEDS, SMG, SSH, SoM		

34	PHYS 730	Solid State Physics	4	8				Physics	SEDS, SMG, SSH, SoM		
35	PHYS 750	Advanced Mathematical Physics	4	8				Physics	SEDS, SMG, SSH, SoM		
36	PHYS 763	General Relativity	4	8				Physics	SEDS, SMG, SSH, SoM		
37	PHYS 765	Advanced Physics Laboratory	3	6				Physics	SEDS, SMG, SSH, SoM		
38	PHYS 791	Research methods and ethics	3	6				Physics	SEDS, SMG, SSH, SoM		