Course Requirements and Registration Priorities
School of Science and Technology (Graduate: Master), Fall 2016

#	Abbr	Title	Cr(US)	Cr(ECTS)	PreRequisite	CoRequisite	AntiRequisite	1st priority registration	2nd priority registration	3rd priority registration	4th priority registration
SST											
Biological Science											
1	BIOL 501	Fundamentals of Biological Sciences	3	6							
2	BIOL 511	Critical Appraisal of Scientific Literature	3	6							
3	BIOL 520	Statistical Methods in Research	3	6							
4	BIOL 600	Graduate Seminar Series	3	6							
5	BIOL 670	Gene Therapy	3	6							
6	BIOL 690	Research Thesis I	6	12							
Computer Science											
7	CSCI 501	Software Principles and Practice	3	6							
8	CSCI 512	Information Theory	3	6							
9	CSCI 525	Quantum Computing	3	6							
10	CSCI 531	Distributed Systems	3	6							
11	CSCI 545	Big Data Analytics	3	6							
Physics											
12	PHYS 505	Classical Mechanics	3	6							
13	PHYS 511	Computational Modeling and Simulation	3	6							
14	PHYS 515	Classical Electrodynamics	3	6							
15	PHYS 530	Solid State Physics	3	6							
16	PHYS 545	Advanced Instrumentation Methods	3	6							
17	PHYS 550	Advanced Mathematical Physics	3	6							
18	SST 501	Teaching and Learning	3	6							
19	SST 503	Laboratory Practicum	3	6	SST 501 Teaching and Learning (C- and above) AND SST 502 Teaching Practicum (C- and above)						
20	SST 591	Research Methods	3	6							
21	SST 693	Thesis Proposal	3	6	SST 591 Research Methods (C- and above)						
Robotics and Mechatronics											
22	ROBT 501	Robot Manipulation and Mobility	3	6							
23	ROBT 503	Dynamic Systems and Control	3	6							

24	ROBT 605	Robotic Motion Planning	3	6	ROBT 501 Robot Manipulation and Mobility (C- and above) AND CSCI 501 Software Principles and Practice (C- and above)						
25	ROBT 611	Industrial Robotics	3	6	ROBT 501 Robot Manipulation and Mobility (C- and above) AND CSCI 501 Software Principles and Practice (C- and above)						