

**Course Requirements and Registration Priorities**  
**School of Science and Technology (Master), Spring 2017**

#	Abbr	Title	Cr(US)	Cr(ECTS)	PreRequisite	CoRequisite	AntiRequisite	1st priority registration	2nd priority registration	3rd priority registration	4th priority registration
<b>SSH</b>											
<b>Biological Science</b>											
1	BIOL 530	Bioethics Principles and Practices	3	6							
2	BIOL 550	Structural and Molecular Biology in Health and Disease	3	6							
3	BIOL 560	Molecular Biology of Prokaryotic Cells	3	6							
4	BIOL 600	Graduate Seminar Series	3	6							
5	BIOL 699	Research Thesis II	6	12							
<b>Physics</b>											
6	PHYS 510	Quantum Mechanics	3	6							
7	PHYS 520	Statistical Physics	3	6							
<b>SEDS</b>											
<b>Computer Science</b>											
8	CSCI 502	Hardware Software Co-Design	3	6	CSCI 501 Software Principles and Practice (2408) (C- and above)						
9	CSCI 591	Advanced Artificial Intelligence	3	6	CSCI 501 Software Principles and Practice (2408) (C- and above) OR DS 501 Fundamentals of Data Science (5218) (C- and above)						
10	CSCI 694	Thesis	15	30							
11	SEDS 502	Teaching Practicum	3	6							
12	SEDS 504	Innovation and Entrepreneurship	3	6							
13	SEDS 592	Research Seminar	3	6							
<b>Robotics and Mechatronics</b>											
14	ROBT 502	Robot Perception & Vision	3	6	ROBT 501 Robot Manipulation and Mobility (2263) (C- and above)						