



## Applied Biomedical Engineering Course Schedule

Last Update – April 2018

No	Old Course No Before Summer 2018	New Course No After Summer 2018	Course Title	Fall	Spring	Summer
1	585.207	585.207	Molecular Biology		X	
2	585.405	585.601	Physiology for ABE-I	X	X	
3	585.406	585.602	Physiology for ABE-II		X	
4	585.408	585.613	Medical Sensors and Devices			X
5	585.409	585.615	Mathematical Methods for Applied Biomedical Engineering	X	X	
6	585.411	585.616	Principles of Medical Instrumentation & Devices	X		
7	585.414	585.617	Rehabilitation Engineering		X	
8	585.416	585.619	Regulation of Medical Devices		X	
9	585.423	585.623	Lab for Physiology for Applied Biomedical Engineering	X		
10	585.424	585.622	Lab for Physiology for Applied Biomedical Engineering		X	
11	585.425	585.625	Bioengineering Practices and Innovations			X
12	585.603	585.703	Applied Medical Image Processing	X		
13	585.604	585.704	Principles of Medical Imaging	X		
14	585.605	585.705	Medical Imaging		X	
15	585.608	585.708	Biomaterials			X
16	585.609	585.709	Biomechanics of Cells & Stem Cells			X
17	585.610	585.710	Biochemical Sensors	X		
17	585.626	585.726	Biomimetics			X
18	585.629	585.729	Cell and Tissue Engineering	X		
19	585.632	585.732	Advanced Signal Processing for Biomedical Engineers		X	
20	585.634	585.734	Biophotonics		X	
21	585.641	585.741	MR Imaging in Medicine		X	
22	585.647	585.747	Advances in Cardiovascular Medicine		X	
23	585.651	585.751	Immuno-Engineering			X
24	585.661	585.761	Bio-Entrepreneurship		X	
25	585.681	585.781	Frontiers in Neuroengineering		X	
26	585.683	585.783	Introduction of Brain Computer Interface			X
27	585.800	585.800	Independent Study I	X	X	X
28	585.801	585.800	Independent Study II	X	X	X

