Biomedical Engineering (track 1)
College of Engineering and Engineering Technology
Degree Path - Catalog 2014-2015

Semester 1	Credits	Milestones
ENGL 103	3	
MATH 229	4	
PHYS 253	4	
UEET 101	1	
CHEM 210 & 212	4	
Total hours	**16**	
Notes/Comments:		

Semester 2	Credits	Milestones
ENGL 104	3	
MATH 230	4	
PHYS 273	4	
BIOS 208 & 210	4	
Gen Ed: Humanities (VPA)	3	
Total hours	**18**	
Notes/Comments:		

Semester 3	Credits	Milestones
MATH 232	4	
CSCI 240	4	
ELE 210 and ELE 210U	4	
ISYE 335 or STAT 350	3	
Gen Ed: Social Sciences	3	
Total hours	**18**	
Notes/Comments:		

Semester 4	Credits	Milestones
ELE 250 and ELE 250U	4	
MATH 336	3	
COMS 100	3	
PHYS 283	3	
MEE 209	4	
Total hours	**17**	
Notes/Comments:		

Semester 5	Credits	Milestones
ELE 315	3	
ELE 330	4	
ELE 335	3	
Gen Ed: Social Sciences	3	
BIOS 311 or BIOS 357	4-5	
Total hours	**17-18**	
Notes/Comments:		

Semester 6	Credits	Milestones
CHEM 230 and CHEM 231	4	• TECH Electives: BIOS 213, BIOS 359, ELE 421, ELE 499, ISYE 410, KNPE 313, KNPE 314, PHYS 335, and PHYS 434 (6-8 hours).
ELE 370	3	
ELE 380	4	
ELE 356	4	
MEE 340	3	
Total hours	**18**	
Notes/Comments:		

Semester 7	Credits	Milestones
ELE 420	4	• TECH Electives: BIOS 213, BIOS 359, ELE 421, ELE 499, ISYE 410, KNPE 313, KNPE 314, PHYS 335, and PHYS 434 (6-8 hours).
ELE 425	3	
ELE 491	1	
ISYE 220	3	• Apply for graduation (2/1 for May, 6/15 for August, or 9/1 for December)
Gen Ed: Humanities	3	
TECH Elective	3-4	
Total hours	**17-18**	
Notes/Comments:		

Semester 8	Credits	Milestones
CHEM 370	3	• TECH Electives: BIOS 213, BIOS 359, ELE 421, ELE 499, ISYE 410, KNPE 313, KNPE 314, PHYS 335, and PHYS 434 (6-8 hours).
ELE 429	3	
Tech Elective	3-4	
Gen Ed: Humanities (LAS)	3	
Gen Ed: Interdisciplinary Studies	3	
Total hours	**15-16**	
Notes/Comments:		

Notes/Comments: This plan is an example of what a four year plan could look like for a typical student. Placement exam scores in math as well as the completion of coursework may change the plan. It should not be used in the place of regular academic advising appointments. All students are required to meet with their advisor each semester to discuss course scheduling. All requirements are subject to change by NIU.