Northern Illinois University
Learning Today, Leading Tomorrow

Biomedical Engineering (track 2)
College of Engineering and Engineering Technology
Degree Path - Catalog 2013-2014

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

Semester 2	Credits	Success Marker
ENGL 104	3	
MATH 230	4	
PHYS 273	4	
BIOS 208 and BIOS 210	4	
Gen Ed: Humanities	3	
Total hours	**18**	
Notes/Comments:		

Semester 3	Credits	Success Marker
MATH 232	4	
CSCI 240	4	
ELE 210 and ELE 210U	4	
STAT 350 or ISYE 335	3	
COMS 100	3	
Total hours	**18**	
Notes/Comments:		

Semester 4	Credits	Success Marker
ELE 250 and ELE 250U	4	
MATH 336	3	
BIOS 209 and BIOS 211	4	
PHYS 283	3	
CHEM 211 and CHEM 213	4	
Total hours	**18**	
Notes/Comments:		

Semester 5	Credits	Success Marker
ELE 315	3	
ELE 330	4	
ELE 335	3	
Gen Ed: Humanities (LAS)	3	
CHEM 330 and CHEM 332	5	
Total hours	**18**	
Notes/Comments:		

Semester 6	Credits	Success Marker
CHEM 331	3	
ELE 370	3	
ELE 380	4	
BIOS 355	4	
Gen Ed: Social Sciences	3	
Total hours	**17**	
Notes/Comments:		

Semester 7	Credits	Success Marker
ELE 356	4	• Apply for graduation (2/1 for May, 6/15 for August, or 9/1 for December)
ELE 420	4	
ELE 425	3	
ELE 491	1	
Gen Ed: Interdisciplinary Studies	3	
Total hours	**15**	
Notes/Comments:		

Semester 8	Credits	Success Marker
TECH Elective	3	• TECH Electives (6 hours) must be from ELE 421, ELE 499, ISYE 410, KNPE 313, 314 or PHYS 335 (at least 3 credits must be in Engineering)
ELE 429	3	
TECH Elective	3	
Gen Ed: Humanities (VPA)	3	
Gen Ed: Social Science	3	
Total hours	**15**	
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.