

## Biomedical Engineering Track 1: Biomechanics and Biomaterials ern Illinois College of Engineering and Engineering Technology

Degree Path - Catalog 2019-2020

Semester 1	Credits	Success Markers
ENGL 103	3	
MATH 229 <sup>1</sup>	4	<sup>1</sup> Placement examination needed
PHYS 253	4	<ul> <li>Students admitted to NIU in Fall 2017 or later must satisfy a</li> </ul>
UEET 101	1	Human Diversity requirement. Please talk to your advisor or refer
CHEM 210 & 212	4	to the NIU Undergraduate Catalog for more information.
Total hours	16	
Notes/Comments:		

Semester 2	Credits	Success Markers
ENGL 203	3	
MATH 230	4	
PHYS 273	4	
BIOS 208 & 210	4	
Total hours	15	
Notes/Comments:		

Semester 3	Credits	Success Marke
MATH 232	4	
CSCI 240	4	
ELE 210	3	
ELE 210U	1	
MATH 336	3	
Total hours	15	
Notes/Comments:		

Semester 4	Credits	Success Markers
BME 201	3	
ISYE 335 or STAT 300	3	
ELE 315	3	
MEE 209 <sup>3</sup>	4	<sup>3</sup> May substitute MEE 210 and MEE 211 for MEE 209
Gen Ed: Creativity & Critical Analysis <sup>2</sup>	3	<sup>2</sup> Your advisor must approve
Total hours	16	your general education courses
Notes/Comments:		

Semester 5	Credits	Success Markers
COMS 100	3	
BME 320	4	
BME 330	3	
BIOS 311 or BIOS 357	4 or 5	
Gen Ed: Society & Culture <sup>2</sup>	3	<sup>2</sup> Your advisor must approve your general education courses
Total hours	17-18	
Notes/Comments:		

Semester 6	Credits	Success Markers
CHEM 310 and CHEM 311	4	<sup>4</sup> Technical Electives: BME 420,
BME 336	3	BME 421, BME 425, BME 437, BME 497, BME 498, BME 499,
MEE 340	3	ELE 380, and MEE 427.
Technical Elective <sup>4</sup>	3	
BME 395	1	
Total hours	14	
Notes/Comments: 4		

Semester 7	Credits	Success Markers
BME 435	3	<sup>4</sup> Technical Electives: BME 420,
BME 436	3	BME 421, BME 425, BME 437, BME 497, BME 498, BME 499,
BME 495	3	ELE 380, and MEE 427.
Technical Elective <sup>4</sup>	3 or 4	
Total hours	12-13	
Notes/Comments: Apply for graduation (2/1 for May, 6/15 for August, or 9/1 for		

December)

Semester 8	Credits	Success Markers
BME 496	3	<sup>4</sup> Technical Electives: BME 420,
Technical Elective <sup>4</sup>	3 or 4	BME 421, BME 425, BME 437, BME 497, BME 498, BME 499,
Geen Ed-Creativity & Critical Analysis <sup>2</sup>	3	ELE 380, and MEE 427.
Gen Ed: Society + Culture <sup>2</sup>	3	<sup>2</sup> Your advisor must approve
		your general education courses
Total hours	43447	
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.