

Biomedical Engineering (track 2)
College of Engineering and Engineering Technology Degree Path - Catalog 2016-2017

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| Semester 2 | Credits | Success Marker |
|---|---------|----------------|
| ENGL 203 | 3 | |
| MATH 230 | 4 | |
| PHYS 273 | 4 | |
| BIOS 208 and BIOS 210 | 4 | |
| Gen Ed: Creativity + Critical Analysis | 3 | |
| Total hours | 18 | |
| Notes/Comments: | | |

| Credits | Success Marke |
|---------|---------------|
| 4 | |
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| 3 | |
| 3 | |
| 18 | |
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| 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 | |
| CHEM 330 and CHEM 332 | 4 | |
| Total hours | 14 | |
| Notes/Comments: | | |

| Semester 6 | Credits | Success Marke |
|-----------------|---------|---------------|
| CHEM 331 | 3 | |
| ELE 370 | 3 | |
| ELE 380 | 4 | |
| BIOS 355 | 4 | |
| Total hours | 14 | |
| Notes/Comments: | | |

| Semester 7 | Credits | Success Marker |
|---|---------|---------------------------------------|
| ELE 356 | 4 | Apply for graduation (2/1 for May, |
| ELE 420 | 4 | 6/15 for August, or 9/1 for December) |
| ELE 425 | 3 | |
| ELE 491 | 1 | |
| Gen Ed: Creativity + Critical Analysis | 3 | |
| Total hours | 15 | |
| Notes/Comments: | | |

| Semester 8 | Credits | Success Marker |
|---------------------------|---------|---|
| TECH Elective | 3 | TECH Electives (3 hours) from ELE |
| ELE 429 | 3 | courses 400 or higher with the exception of ELE 420, 421, 425, 429, |
| TECH Elective | 3 | 491, 492, 497 and 499. |
| Gen Ed: Society + Culture | 3 | TECH Electives (3 hours) must be from ELE 421, ELE 499, ISYE 410. |
| Gen Ed: Society + Culture | 3 | KNPE 313, 314 or PHYS 335 |
| 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.