



| Semester 1  | Credits   | Success Marker   |
|---|-----------|--|
| ENGL 103  | 3         | <sup>1</sup> Placement Examination needed.                             |
| MATH 229 <sup>1</sup>   | 4         |  |
| PHYS 253  | 4         |  |
| UEET 101  | 1         |  |
| Gen Ed: Society & Culture <sup>2</sup>  | 3         |  |
| <b>Total hours</b>  | <b>15</b> | <sup>2</sup> Your advisor must approve your general education courses. |
| <b>Notes/Comments:</b> Students admitted to NIU in Fall 2017 or later must satisfy a Human Diversity requirement. Please talk to your advisor or refer to the NIU Undergraduate Catalog for more information. |           |  |

| Semester 2                             | Credits   | Success Marker   |
|--|-----------|--|
| ENGL 203                               | 3         |  |
| MATH 230                               | 4         |  |
| PHYS 273                               | 4         |  |
| CSCI 240                               | 4         |  |
| Gen Ed: Society & Culture <sup>2</sup> | 3         |  |
| <b>Total hours</b>                     | <b>18</b> | <sup>2</sup> Your advisor must approve your general education courses. |
| <b>Notes/Comments:</b>                 |           |  |

| Semester 3             | Credits   | Success Marker |
|------------------------|-----------|----------------|
| MATH 232               | 4         |                |
| CHEM 210 and CHEM 212  | 4         |                |
| ELE 210 and ELE 210U   | 4         |                |
| ISYE 335 or STAT 300   | 3         |                |
| <b>Total hours</b>     | <b>15</b> |                |
| <b>Notes/Comments:</b> |           |                |

| Semester 4             | Credits   | Success Marker |
|------------------------|-----------|----------------|
| ELE 250 and ELE 250U   | 4         |                |
| MATH 336               | 3         |                |
| ELE 340                | 4         |                |
| PHYS 283               | 3         |                |
| COMS 100               | 3         |                |
| <b>Total hours</b>     | <b>17</b> |                |
| <b>Notes/Comments:</b> |           |                |

| Semester 5             | Credits   | Success Marker |
|------------------------|-----------|----------------|
| ELE 315                | 3         |                |
| ELE 330                | 4         |                |
| ELE 335                | 3         |                |
| ELE 356                | 4         |                |
| ISYE 220               | 3         |                |
| <b>Total hours</b>     | <b>17</b> |                |
| <b>Notes/Comments:</b> |           |                |

| Semester 6             | Credits   | Success Marker   |
|------------------------|-----------|--|
| ELE 360                | 4         | <sup>3</sup> May substitute MEE 210 and MEE 211 for MEE 209. |
| ELE 370                | 3         |  |
| ELE 380                | 4         |  |
| MEE 209 <sup>3</sup>   | 4         |  |
| ELE 395                | 1         |  |
| <b>Total hours</b>     | <b>16</b> |  |
| <b>Notes/Comments:</b> |           |  |

| Semester 7  | Credits   | Success Marker  |
|---|-----------|---|
| ELE 495   | 3         | <sup>2</sup> Your advisor must approve your general education courses.  |
| Technical Elective <sup>4</sup>   | 3         |   |
| Technical Elective <sup>4</sup>   | 3         |   |
| Technical Elective <sup>4</sup>   | 3         |   |
| Gen Ed: Creativity & Critical Analysis <sup>2</sup>   | 3         |   |
| <b>Total hours</b>  | <b>15</b> | <sup>4</sup> Electives (18) may be any ELE course numbered 400 or higher with the exception of ELE 429, ELE 491, ELE 492, ELE 495, ELE 496, and ELE 497. With the approval of the Department of Electrical Engineering, other mathematics, sciences, or engineering courses may be used as electives. At least 12 of these 18 semester hours must be from the Department of Electrical Engineering with a minimum of 2 courses from one of the five technical areas: See the Undergraduate Catalog for a listing of courses in each area. |
| <b>Notes/Comments:</b> Apply for graduation (2/1 for May, 6/15 for August, or 9/1 for December) |           |   |

| Semester 8  | Credits   | Success Marker  |
|---|-----------|---|
| ELE 496   | 3         | <sup>2</sup> Your advisor must approve your general education courses.  |
| Technical Elective <sup>4</sup>                     | 4         |   |
| Technical Elective <sup>4</sup>                     | 3         | <sup>4</sup> Electives (18) may be any ELE course numbered 400 or higher with the exception of ELE 429, ELE 491, ELE 492, ELE 495, ELE 496, and ELE 497. With the approval of the Department of Electrical Engineering, other mathematics, sciences, or engineering courses may be used as electives. At least 12 of these 18 semester hours must be from the Department of Electrical Engineering with a minimum of 2 courses from one of the five technical areas: See the Undergraduate Catalog for a listing of courses in each area. |
| Gen Ed: Creativity & Critical Analysis <sup>2</sup> | 3         |   |
| <b>Total hours</b>                                  | <b>13</b> |   |
| <b>Notes/Comments:</b>                              |           |   |

*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.*

