

Mechatronics Engineering

College of Engineering and Engineering Technology

Degree Path - Catalog 2019-2020

| Semester 1 | Credits | Success Marker |
|---------------------------|---------|---|
| ENGL 103 | 3 | Students admitted to NIU in Fall 2017 or letter must satisfy a |
| MATH 229 | 4 | Fall 2017 or later must satisfy a Human Diversity requirement. |
| PHYS 253 | 4 | Please talk to your advisor or |
| UEET 101 or UEET 301 | 1 | refer to the NIU Undergraduate Catalog for more information. |
| Gen Ed: Society + Culture | 3 | |
| Total hours | 15 | |
| Notes/Comments: | | |

| Semester 2 | Credits |
|-----------------|---------|
| ENGL 203 | 3 |
| MATH 230 | 4 |
| PHYS 273 | 4 |
| MEE 210 | 3 |
| CSCI 240 | 4 |
| Total hours | 18 |
| Notes/Comments: | |

| Semester 3 | Credits | Success Mark |
|----------------|---------|--------------|
| MATH 232 | 4 | |
| MCTR 210 | 3 | |
| ELE 210 + 210U | 4 | |
| MEE 211 | 3 | |
| COMS 100 | 3 | |
| Total hours | 17 | |

| Semester 4 | Credits | |
|--------------------------|---------|--|
| MATH 336 | 3 | |
| ELE 315 | 3 | |
| ISYE 220 | 3 | |
| MEE 270 | 3 | |
| ELE 250 or TECH 277/277A | 4 | |
| Total hours | 16 | |
| Notes/Comments: | | |

Notes/Comments:

| Semester 5 | Credits |
|----------------------------|---------|
| MCTR 320 | 3 |
| MEE 321 | 3 |
| MEE 212 or MEE 340 | 3 |
| ELE 330 or TECH 276/276A | 4 |
| Gen Ed: Socieity + Culture | 3 |
| | |
| Total hours | 16 |

| Credits | Success Marker |
|---------|------------------|
| 3 | |
| 3 | |
| 3 | |
| 3 | |
| 3 | |
| | |
| 15 | |
| | 3 3 3 3 |

| Semester 7 | Credits | Succe |
|--|---------|-------|
| MEE 421 or ELE 480 | 3 | |
| MCTR 440 | 3 | |
| MCTR 481 | 3 | |
| Technical Elective | 3 | |
| Gen Ed: Creativity & Critical Analysis | 3 | |
| | | |
| Total hours | 15 | |

| Semester 8 | Credits | Success Marker | | |
|--|---------|--|--|--|
| MCTR 482 | 3 | •Technical electives are not offered every semester. They | | |
| Technical Elective | 3 | should be taken whenever the are available | | |
| Technical Elective | 3 | | | |
| Gen Ed: Creativity & Critical Analysis | 3 | * Tech Electives can all 3 be from group A, or 2 from group A | | |
| Gen Ed: One from Anywhere | 3 | and 1 from group B (see catalog for detailed descriptions). | | |
| 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.