Northern Illinois
Mechanical Engineering: Advanced Computing and Simulation

College of Engineering and Engineering Technology
Degree Path - Catalog 2017-2018

University

| Semester 1 | Credits | Success Marker |
| :--- | :---: | :---: |
| ENGL 103 | 3 | • Students admitted to NIU in <br> Fall 2017 or later must satisfy <br> a Human Diversity <br> requirement. Please talk to <br> your advisor or refer to the |
| MATH 229 | 4 | 1 |
| NHYS 253 | 3 | NIU Undergraduate Catalog more information. |
| UEET 101 or UEET 301 | $\mathbf{1 5}$ |  |
| MEE 270 |  |  |
| Total hours |  |  |
| Notes/Comments: |  |  |


| Semester 3 | Credits | Success Marker |
| :--- | :---: | :---: |
| MATH 232 | 4 |  |
| CHEM 210 and CHEM 212 | 4 |  |
| CSCI 240 | 4 |  |
| MEE 211 | 3 |  |
| COMS 100 | 3 |  |
| Total hours | 18 |  |
| Notes/Comments: |  |  |


| Semester 5 | Credits | Success Marker |
| :--- | :---: | :---: |
| MEE 320 | 3 |  |
| MEE 321 | 3 |  |
| MEE 340 | 3 |  |
| ISYE 220 | 3 |  |
| MEE 381 | 3 |  |
| Gen Ed: Society \& Culture | 3 |  |
| Total hours | $\mathbf{1 8}$ |  |
| Notes/Comments: |  |  |


| Semester 7 | Credits | Success Marker |
| :--- | :---: | :---: |
| MEE 390 | 3 |  |
| MEE 430 | 3 |  |
| MEE 452 | 3 |  |
| MEE 481 | 1 |  |
| Technical Elective | 3 |  |
| Gen Ed: Creativity \& Critical <br> Analysis | 3 |  |
| Total hours | $\mathbf{1 6}$ |  |
| Notes/Comments: |  |  |


| Semester 6 | Credits | Success Marker |
| :--- | :---: | :---: |
| MEE 322 | 3 |  |
| MEE 331 | 3 |  |
| MEE 352 | 3 |  |
| MEE 470 | 3 |  |
| ISYE 335 or STAT 350 | 3 |  |
| Total hours |  |  |
| Notes/Comments: | $\mathbf{1 5}$ |  |


| Semester 8 | Credits | Success Marker |
| :---: | :---: | :---: |
| MEE 482C | 3 | -Technical electives are not offered every semester. They should be taken whenever they are available |
| Technical Elective | 3 |  |
| Technical Elective | 3 |  |
| MEE 494 | 1 | *Need 2 of the following courses: MEE 381, MEE 480, MEE 484 |
| Gen Ed: Creativity \& Critical Analysis | 3 |  |
| Total hours | 13 |  |
| 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.

