![Northern Illinois University]

Mechanical Engineering: *Advanced Computing and Simulation*
College of Engineering and Engineering Technology
Degree Path - Catalog 2020-2021

Semester 1	Credits	Success Marker
ENGL 103	3	• Students admitted to NIU in Fall 2017 or later must satisfy a Human Diversity requirement. Engineering students are required to meet with an advisor each semester for schedule planning.
MATH 229	4	
PHYS 253	4	
UEET 101 or UEET 301	1	
MEE 270	3	
Total hours	**15**	

Notes/Comments: UEET 101 is only offered in fall semester. UEET 301 is only offered in spring semester.

Semester 2	Credits	Success Marker
ENGL 203	3	
MATH 230	4	
PHYS 273	4	
MEE 210	3	
Gen Ed: Society & Culture	3	
Total hours	**17**	

Notes/Comments:

Semester 3	Credits	Success Marker
MATH 336	3	
CHEM 210 and CHEM 212	4	
CSCI 240	4	
MEE 211	3	
COMS 100	3	
Total hours	**17**	

Notes/Comments:

Semester 4	Credits	Success Marker
MATH 232	4	
MEE 212	3	
ISYE 220	3	
ELE 210 and ELE 210U	4	
MEE 320	3	
Total hours	**17**	

Notes/Comments:

Semester 5	Credits	Success Marker
MEE 321	3	
MEE 330	3	
MEE 340	3	
MEE 350	3	
MEE 383	3	
Total hours	**15**	

Notes/Comments:

Semester 6	Credits	Success Marker
MEE 322	3	
MEE 331	3	
MEE 352	3	
MEE 380 or 381	3	
MEE 390	3	
Total hours	**15**	

Notes/Comments:

Semester 7	Credits	Success Marker
MEE 470	3	
MEE 485	3	
Technical Elective*	3	
Gen-Ed: Society & Culture	3	
Gen Ed: Creativity & Critical Analysis	3	
Total hours	**15**	

Notes/Comments:

Semester 8	Credits	Success Marker
MEE 430	3	•Technical electives are not offered every semester. They should be taken whenever they are available
MEE 486C	3	
Technical Elective*	3	
Technical Elective*	3	*Need 2 of the following courses: MEE 381, MEE 428, MEE 479, MEE 480, MEE 484
Gen Ed: Creativity & Critical Analysis	3	
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.