

## Mechanical Engineering: Advanced Computing and Simulation

College of Engineering and Engineering Technology Degree Path - Catalog 2022-2023

Semester 1	Credits	Success Marker	Semester 2	Credits	Success Marker
ENGL 103	3	• C or better	ENGL 203	3	• C or better
MATH 229	4	• C or better	MATH 230	4	• C or better
PHYS 253	4	• C or better	CSCI 240	4	
UEET 101 or UEET 301	1		MEE 210	3	
MEE 270	3		Gen Ed: Society & Culture	3	
Total hours	15		Total hours	17	
Notes/Comments: UEET 101 is only offered in fall semester. UEET 301 is only offered in spring semester.		Notes/Comments:		•	

Semester 3	Credits	Success Marker	Semester 4	Credits	Success Mark
MATH 336	3		MATH 232	4	
CHEM 210 & CHEM 212	4	• C or better	COMS 100	3	
PHYS 273	4	• C or better	MEE 320	3	
MEE 211	3		ELE 210 & ELE 210U	4	
MEE 212	3		MEE 383	3	
Total hours	17		Total hours	17	
Notes/Comments:			Notes/Comments:		

Semester 5	Credits	Success Marker	Semester 6	Credits	Success Marke
MEE 321	3		MEE 322	3	
MEE 330	3		MEE 331	3	
MEE 340	3		MEE 352	3	
MEE 350	3		MEE 380 or 381	3	
ISYE 220	3		MEE 390	3	
Total hours	15		Total hours	15	
Notes/Comments:		Notes/Comments:			

Semester 7	Credits	Success Marker	Semester 8	Credits	Success Ma
MEE 470	3		MEE 430	3	
MEE 485	3		MEE 486C	3	
Technical Elective	3		Technical Elective	3	
Gen Ed: Society & Culture	3		Technical Elective	3	
Gen Ed: Creativity & Critical Analysis	3		Gen Ed: Creativity & Critical Analysis	3	
Total hours	15		Total hours	15	
Notes/Comments:			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.