B.S. in Industrial and Systems Engineering
College of Engineering and Engineering Technology
Degree Path - Catalog 2023-2024

Northern Illinois University

Semester 1	Credits	Success Marker
CHEM 210	3	
CHEM 212	1	
ENGL 103	3	• C or better
MATH 229	4	• C or better
UEET 101 or UEET 301	1	
Gen Ed: Creativity & Critical Analysis	3	
Total hours	**15**	

Notes/Comments: *UEET 101 is offered Fall semester only, UEET 301 is offered in Spring semester only.

Semester 2	Credits	Success Marker
COMS 100	3	
ENGL 203	3	• C or better
MATH 230	4	• C or better
MEE 270	3	
PHYS 253	4	
Total hours	**17**	

Notes/Comments:

Semester 3	Credits	Success Marker
ECON 260 or 261	3	
ISYE 250	2	
ISYE 350	3	
MATH 232	4	
PHYS 273	4	• C or better
Total hours	**16**	

Notes/Comments:

Semester 4	Credits	Success Marker
CSCI 240	4	
ELE 210 or TECH 175 & 175A	3 or 4	
ISYE 220	3	
ISYE 335	3	
MATH 336	3	
Total hours	**16-17**	

Notes/Comments:

Semester 5	Credits	Success Marker
ISYE 370	3	
ISYE 410*	3	
MEE 209 or MEE 210 & 211	4 or 6	
PSYC 102	3	
Technical Elective I	3	
Total hours	**16-18**	

Notes/Comments: *Prerequisite: ISYE 335

Semester 6	Credits	Success Marker
ISYE 310*	3	
ISYE 371*	3	
ISYE 430*	3	
ISYE 435*	3	
Technical Elective II	3	
Total hours	**15**	

Notes/Comments: *Prerequisite: ISYE 335

Semester 7	Credits	Success Marker
ISYE 440*	3	
ISYE 460	3	
ISYE 480*	3	
ISYE 492	1	
Technical Elective III	3	
Total hours	**13**	

Notes/Comments: *Prerequisite: ISYE 335

Semester 8	Credits	Success Marker
ISYE 450	3	
ISYE 495	3	
Technical Elective IV	3	
Technical Elective V	3	
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.