

Manufacturing Systems

College of Engineering and Engineering Technology

Degree Path - Catalog 2021-2022

				Jalaioy 2021-2	
Semester 1	Credits	Success Marker	Semester 2	Credits	Success Mark
CHEM 210	3		COMS 100	3	
CHEM 212	1		ENGL 203	3	• C or better
ENGL 103	3	• C or better	MATH 230	4	• C or better
MATH 229	4	• C or better	MEE 270	3	
UEET 101 or UEET 301	1		PHYS 253	4	
Gen Ed: Creativity & Critical Analysis	3				
Total hours	15		Total hours	17	
Notes/Comments: UEET 101 is offere offered in Spring semester only.	ed Fall seme	ester only, UEET 301 is	Notes/Comments:		
Semester 3	Credits	Success Marker	Semester 4	Credits	Success Mark
ECON 260 or 261	3		CSCI 240	4	
ISYE 250	2		ELE 210 or TECH 175 & 175A	3-4	
ISYE 350	3		ISYE 220	3	
MATH 232	4		ISYE 335	3	
PHYS 273	4	 C or better for ELE 210; or take TECH 175/175A 	MATH 336	3	
Total hours	16	tane 12011 270, 27071	Total hours	16-17	
Notes/Comments:			Notes/Comments:		
Semester 5	Credits	Success Marker	Semester 6	Credits	Success Mark
ISYE 370	3		ISYE 310*	3	
	3		ISYE 310* ISYE 371*	3	
ISYE 410*					
ISYE 410* MEE 209 or MEE 210 & 211	3		ISYE 371*	3	
ISYE 410* MEE 209 or MEE 210 & 211 PSYC 102	3 4 or 6		ISYE 371* ISYE 430*	3	
ISYE 410* MEE 209 or MEE 210 & 211 PSYC 102 Technical Elective I (Group 1)	3 4 or 6		ISYE 371* ISYE 430* ISYE 435*	3 3 3	
ISYE 410* MEE 209 or MEE 210 & 211 PSYC 102 Technical Elective I (Group 1) Total hours Notes/Comments: *Prerequisite: ISYE	3 4 or 6 3 3	nical Elective Group 1:	ISYE 371* ISYE 430* ISYE 435* Technical Elective II (Group 2)	3 3 3 3	nical Elective Group 2
ISYE 410* MEE 209 or MEE 210 & 211 PSYC 102 Technical Elective I (Group 1) Total hours Notes/Comments: *Prerequisite: ISYE	3 4 or 6 3 3	nical Elective Group 1: Success Marker	ISYE 371* ISYE 430* ISYE 435* Technical Elective II (Group 2) Total hours Notes/Comments: *Prerequisite: ISYE	3 3 3 3	
ISYE 410* MEE 209 or MEE 210 & 211 PSYC 102 Technical Elective I (Group 1) Total hours Notes/Comments: *Prerequisite: ISYE ISYE 439, MEE 422, MEE 425 Semester 7	3 4 or 6 3 3 16-18 = 335. Tech		ISYE 371* ISYE 430* ISYE 435* Technical Elective II (Group 2) Total hours Notes/Comments: *Prerequisite: ISYE ISYE 455, TECH 365	3 3 3 3 15 335. Tech	nical Elective Group 2 Success Mark
ISYE 410* MEE 209 or MEE 210 & 211 PSYC 102 Technical Elective I (Group 1) Total hours Notes/Comments: *Prerequisite: ISYE ISYE 439, MEE 422, MEE 425 Semester 7 ISYE 431	3 4 or 6 3 3 16-18 = 335. Tech Credits		ISYE 371* ISYE 430* ISYE 435* Technical Elective II (Group 2) Total hours Notes/Comments: *Prerequisite: ISYE ISYE 455, TECH 365 Semester 8	3 3 3 3 15 335. Tech	
ISYE 410* MEE 209 or MEE 210 & 211 PSYC 102 Technical Elective I (Group 1) Total hours Notes/Comments: *Prerequisite: ISYE SYE 439, MEE 422, MEE 425 Semester 7 ISYE 431 ISYE 440*	3 4 or 6 3 3 16-18 335. Tech Credits 3		ISYE 371* ISYE 430* ISYE 435* Technical Elective II (Group 2) Total hours Notes/Comments: *Prerequisite: ISYE ISYE 455, TECH 365 Semester 8 ISYE 450	3 3 3 3 15 335. Tech Credits	
ISYE 410* MEE 209 or MEE 210 & 211 PSYC 102 Technical Elective I (Group 1) Total hours Notes/Comments: *Prerequisite: ISYE ISYE 439, MEE 422, MEE 425 Semester 7 ISYE 431 ISYE 440* ISYE 460	3 4 or 6 3 3 16-18 E 335. Tech Credits 3 3		ISYE 371* ISYE 430* ISYE 435* Technical Elective II (Group 2) Total hours Notes/Comments: *Prerequisite: ISYE ISYE 455, TECH 365 Semester 8 ISYE 450 ISYE 453	3 3 3 15 335. Tech Credits 3 3	
ISYE 370 ISYE 410* MEE 209 or MEE 210 & 211 PSYC 102 Technical Elective I (Group 1) Total hours Notes/Comments: *Prerequisite: ISYE ISYE 439, MEE 422, MEE 425 Semester 7 ISYE 431 ISYE 440* ISYE 460 ISYE 480* ISYE 492	3 4 or 6 3 3 16-18 E 335. Tech Credits 3 3 3		ISYE 371* ISYE 430* ISYE 435* Technical Elective II (Group 2) Total hours Notes/Comments: *Prerequisite: ISYE ISYE 455, TECH 365 Semester 8 ISYE 450 ISYE 453 ISYE 496	3 3 3 15 335. Tech Credits 3 3	

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.