

## B.S. Industrial Management & Applied Engineering: Quality Management

2022-2023 Major Map for First Time College Student

	Sem.	Min.		Sem.	Min.
Course and Title	Hours	Grade	Course and Title	Hours	Grade
YEAR ONE – Semester 1			YEAR ONE – Semester 2		
ENGL 101, English Composition I	3.0	С	ENGL 102, English Composition II	3.0	С
MATH 108, College Algebra	3.0	С	CMST 101, Intro to Oral Communication	3.0	
IMAE 208, Fundamentals of Mfg Processes	3.0		IMAE 110, Geometric Dimen & Toler	3.0	
UNIV 101, Saluki Success	1.0		MATH 140 or IMAE 307 <sup>1</sup>	4.0	
UCC Fine Arts	3.0		UCC Life Science	3.0	
UCC Human Health	2.0				
	15.0			16.0	
YEAR TWO – Semester 1			YEAR TWO – Semester 2		
PHYS 203A/253A, College Physics/Lab	4.0		PHYS 203B/253B, College Physics/Lab	4.0	
IMAE 375, Production & Inventory Mgmt	3.0		IMAE 392, Facilities Plan/Workplace Dsgn	3.0	
UCC Humanities	3.0		IMAE 305, Industrial Safety	3.0	
UCC Multicultural	3.0		UCC Humanities	3.0	
Technical Elective <sup>2</sup>	3.0		Technical Elective <sup>2</sup>	3.0	
	16.0			16.0	
YEAR THREE – Semester 1			YEAR THREE – Semester 2		
IMAE 470A, Six Sigma Green Belt I	3.0		IMAE 476, Supply Chain Management	3.0	
PSYC 323, Org Psyc or IMAE 340, Supervision	3.0		IMAE 470B, Six Sigma Green Belt II	3.0	
UCC Social Science	3.0		IMAE 445, Computer Integrated Mftg	3.0	
Technical Elective <sup>2</sup>	3.0		Technical Elective <sup>2</sup>	3.0	
General Elective	3.0		General Elective	3.0	
	15.0			15.0	
YEAR FOUR – Semester 1			YEAR FOUR – Semester 2		
IMAE 390, Cost Estimating	3.0		IMAE 450, Project Management	3.0	
UCC Social Science	3.0		IMAE 465, Lean Manufacturing	3.0	
Technical Elective <sup>2</sup>	3.0		IMAE 442, Fundamentals of Leadership	3.0	
Technical Elective <sup>2</sup>	3.0		Technical Elective <sup>2</sup>	3.0	
General Elective	3.0				
	15.0			12.0	

**Total Hours: 120** 

Academic policies as well as degree and major-specific requirements can be found at *catalog.siu.edu*. All students are encouraged to meet with the academic advisor on a regular basis to ensure timely progress to degree.

University Core Curriculum (UCC) is satisfied with the transfer of an Associate of Art or Science (AA or AS) degree or the completion of the Illinois Articulation Initiative-General Education Core Curriculum (IAI-GECC) from an Illinois community college.

<sup>&</sup>lt;sup>1</sup>Major course substitutes for UCC Math

<sup>&</sup>lt;sup>2</sup>See Academic Advisor for list of eligible Technical Electives