2022 - 2023 Major Map

Applied Science (Operations Management), BAS

School/College: Ira A. Fulton Schools of Engineering
TSIMCOBAS

This program allows students who have earned an AAS from an accredited institution to transfer 60 credit hours toward a BAS at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college may be able to transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		• Students may meet lower division general studies requirements with the AAS degree.
Term hours subtotal:	60		• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
			• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

Term 5 - A 60 - 69 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ TMC 110: Understanding the Enterprise	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ STS 401: Statistics in Science and Technology Studies (CS)	3	C	• Plan for success using the Junior Guide.
TEM 431: Innovation Management	3		• Network at student organization competitions or professional societies.
Term hours subtotal:	6		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ TMC 330: Leading the Enterprise	3	C	
Focus Area Course	3	C	
Term hours subtotal:	6		

Term 6 - B 81 - 90 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	• Select a focus area consisting of 15 hours of focused courses (minimum 12 hours of upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If
Upper Division Elective	3		
Any needed lower division General Studies requirement OR Elective	3		

⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 9

- Research and prepare for graduate school.
- Apply for a Fulton Schools 4+1 program.
- Develop a professional profile online.

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ TMC 410: Enterprise Operations	3	C	
Upper Division Focus Area Course	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
TMC 430: Enterprise Strategy and Innovation	3	C	
TMC 470: Enterprise Planning and Implementation	3	C	
Term hours subtotal:	6		

Notes for Term 7 - B:
- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ TMC 498: Pro-Seminar (L)	3	C	
Upper Division Focus Area Course	3	C	
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
OMT 430: Ethical Issues in Technology	3	C	
Upper Division Focus Area Course	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

- Students in this program select a focus area consisting of 15 hours of focused courses (minimum of 12 hours upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If you have questions about your options, please contact your academic advisor.

Hide Course List(s)/Track Group(s)

Process Innovation	Technology Entrepreneurship
OMT 343: Occupational Safety and Ergonomics	FSE 301: Entrepreneurship and Value Creation
OMT 402: Legal Issues for Technologists	OMT 343: Occupational Safety and Ergonomics
TEM 230: Creativity and Business Innovation	OMT 402: Legal Issues for Technologists
TEM 250: Design Methodology	TEM 200: My Technology Venture
TEM 481: Consulting Project	TEM 230: Creativity and Business Innovation
TEM 494: Special Topics	

TMC 331: Quality Assurance	TEM 250: Design Methodology
	TEM 311: Opportunity Analysis
	TEM 400: Technology Entrepreneurship
	TEM 481: Consulting Project
	TEM 494: Special Topics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 60 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed next to courses on the major map were valid for the 2022 - 2023 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.