MANUFACTURING & SUPPLY CHAIN MANAGEMENT

Bachelor of Science - Department of Decision Sciences - College of Business & Economics

PLAN OF STUDY 2022-2023

NAME:	
W#:	
GRADUATION QUARTER:	

Fill out this form as completely as you can before meeting with your advisor for review. If a course is completed, add the grade in the "Completed" column. Indicate current in-progress courses with "IP". If a course has not been completed, indicate which quarter you intend to take it by marking an "X" in the correct column. All plans of study are TENTATIVE pending registration availability.

	COURSE	PREREQUISITES	CR.	COMPLETED									
				Quarter:									
				Year:									
Foundation (40 Credits)	ACCT 240 - Financial Accounting		4										
	ACCT 245 - Managerial Accounting	□ ACCT 240	4										
	DSCI 205 - Business Statistics	□ MATH 156 or equivalent	4										
	MIS 220 - Intro to Business Computer Sys w/lab		2										
	MATH 157 - Calculus for Business	□ MATH 156 or equivalent	4										
	CHEM 161 - General Chemistry I (w/lab)	□ MATH 156 or equivalent	5										
	PHYS 114 - Principles of Physics I	□ MATH 156 or equivalent	5										
	ECON 206 - Introduction to Microeconomics	□ MATH 112 or equivalent	4										
	ECON 207 - Introduction to Macroeconomics	□ ECON 206 or equivalent; □ Math 112 or equiv.	4										
	MGMT 271 - Business Law		4										
Core (28 Credits)	OPS 360 - Operations Management	□ DSCI 205; □ ACCT 245; □ Spreadsheet competence	4										
	MGMT 311 - Intro to Mgmt & Oragn'l Behavior		4										
	MIS 320 - Mgmt Information Systems*	□ MIS 220 or equivalent	4										
	FIN 341 - Principles of Finance	□ ACCT 245; □ DSCI 205; □ MIS 220 or equivalent	4										
	MKTG 380 - Principles of Marketing	□ ACCT 240; □ ECON 206	4										
	DSCI 305 - Applied Business Statistics	□ DSCI 205; □ MATH 157 or equivalent											
	MGMT 382 - Business and Its Environment	□ Majors only; □ MGMT 271	4										
Advanced Core (4 Credits)	MGMT - 495 Strategic Management**	□ Majors only; □ MGMT 311; □ FIN 341; □ MKTG 380; □ OPS 360; □ MIS 320 or ACCT 321	4										
	***MGMT 491 and MGMT 492 may be substituted for MGMT 495 with advisor permission*												
Major (31 Credits)	OPS 460 - Designing & Improving Operations (WP1)	□ Majors only; □ OPS 360	4										
	OPS 461 - Project Management	□ Majors only; □ OPS 360	4										
	OPS 463 - Enterprise Resource Plng Systm (WP1)	□ Majors only; □ OPS 360	4										
	OPS 466 - Supply Chain Management (WP1)	□ Majors only; □ OPS 360	4										
	OPS 468 - Manufacturing Strategy (CF) (WP1)	□ Majors only; □ OPS 360	4										
	ENGR 104 - Intro to Engineering and Design		3										
	MFGE 261 - Intro to Computer-Aided Design	□ Majors only; □ ENGR 104	4										
	ENGR 130 - Intro to Materials and Manufacturing Processes	□ Majors only; □ CHEM 161; □ MATH 157; □ PHYS 114	4										
Elective Courses (19-20 Credits) All elective courses must be approved by your Faculty Advisor	**Two Electives From:**												
	ACCT 331 - Cost Management	□ Majors only; □ ACCT 245; □ DSCI 205; □ MIS 220 or equivalent	4										
	DSCI 407 - Predictive Analytics for Business	□ Majors only; □ DSCI 305 or ECON 375	4										
	MGMT 313 - Teamwork Basics	□ Majors only; □ MGMT 311	4										
	MIS 321 - Systems Analysis and Design	□ Majors only; □ MIS 320 or ACCT 321	4										
	OPS 462 - Management Science w/ Spreadsheets	□ Majors only; □ OPS 360; □ MIS 320 or ACCT 321	4										
	OPS 465 Quality Management	□ Majors only; □ OPS 360	4										
	OPS 467 Logistics Modeling & Analysis	□ Majors only; □ OPS 360	4										
	Three Electives Under Advisement:												
	Elective Under Advisement:	See WWU Catalog	**4**										
	Elective Under Advisement:	See WWU Catalog	**4**										
	Elective Under Advisement:	See WWU Catalog	4										
Internships (8 Credits)	OPS 464 - Mfg Management Practicum (WP3)	□ Majors only; □ OPS 360	4										
	OPS 464 - Mfg Management Practicum (WP3)	□ Majors only; □ OPS 360	4										

** Students double majoring in Accounting and MSCM may substitute ACCT 321 for MIS 320*

Graduation Requirements	Course Planning Tips	Other Registration Restrictions
• One Communication Focus (CF) course: **OPS 468**	• **Complete MATH 157, DSCI 205, ACCT 240, and ACCT 245 early**	• **MIS 220**: CBE Pre-majors & majors receive registration priority; CBE restrictions removed when registration reaches 44 cr.
• A minimum of three writing proficiency points from approved upper division courses: **OPS 464 (WP3)**	• Admission to MSCM program as a full major requires a minimum GPA of 3.0 in MSCM foundation courses (including Chemistry and Physics)	• **Core Courses**: CBE Pre-majors & majors receive registration priority; CBE restrictions removed when registration reaches 44 credits
• A minimum of 90 credits in areas other than accounting & business administration	• **Take OPS 360 as soon as possible after completing the prerequisites**	• **MGMT 313 and MIS 321**: MSCM majors can register for MGMT 313 and/or MIS 321 when registration reaches 90 credits
• A minimum of 180 total credit hours (a maximum of 105 transferred credits)	• **ENGR 104** is typically only offered once per year during spring quarter	• **MGMT 382** and **MGMT 495**: Full major & Junior class status required
• A minimum of 60 credits must be upper division (300 or 400 level courses)	• **MFGE 261** only offered once per year during winter quarter	• **OPS 464:** Instructor permission required; first-time enrollment restricted to MSCM students with foundation or full-major status; second-time enrollment restricted to MSCM students with full-major status
• A minimum of 50% of Business Admin. credits must be taken at WWU	• Take MGMT 495 in one of your last two quarters, if possible	
	• Work with your Faculty Advisor to choose elective courses	

Email a copy of your advisor approved plan of study
to the Decision Sciences Department Manager at **OfficeDSCI@wwu.edu**

DEPARTMENT OF DECISION SCIENCES

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MAKE WAVES.