

Major Map: Operations & Supply Chain Bachelor of Science in Business Administration (B.S.B.A.)

Darla Moore School of Business Department of Management Science Bulletin Year: 2021-2022

This course plan is a recommended sequence for this major. Courses designated as critical (!) may have a deadline for completion and/or affect time to graduation. Please see the "Program Notes" section for details regarding "critical courses" for this particular Program of Study.

	m Notes" section for details regarding "critical courses" for this			Major			
Critical	Course Subject and Title		Grade ¹			Prerequisites	Notes
	er One (15-16 Credit Hours)						
	ENGL 101 Critical Reading and Composition	3	С		CC-CMW		
!	MATH 122 Calculus for Bus. Admin. & Soc. Sciences	3-4	С		CC-ARP		
	or MATH 141 Calculus 1 ³					MATH 112/115/116 (MATH 141); or	
	NOOC 000 0 1 1 1 0 1 1 1 1 1 1				0.0	Math placement test score	
!	MGSC 290 Computer Info. Systems in Business ⁴	3	С		CR		
	or ECON 221 Principles of Microeconomics or ECON 222 Principles of Macroeconomics						
	Foreign language ⁵ or other Carolina Core	3			CC-GFL		
	Requirement ⁶	3			CC-GI L		
	UNIV 101 The Student in the University	3			PR/CC		
	or Carolina Core Requirement ⁶				11000		
emest	er Two (15-16 Credit Hours)						
	ENGL 102 Rhetoric and Composition	3	С		CC-CMW	C or better in ENGL 101	
·					CC-INF		
!	STAT 206 Elementary Statistics for Business	3	С		CC-ARP	MATH 111 or higher	
	ACCT 225 Introduction to Financial Accounting	3	С		CR	, and the second	
	MGSC 290 Computer Info. Systems in Business ⁴	3	С		CR		
	or ECON 221 Principles of Microeconomics						
	or ECON 222 Principles of Macroeconomics						
	Foreign language⁵ or other Carolina Core	3-4			CC-GFL		
	Requirement ⁶						
	er Three (16 Credit Hours)						
	ACCT 226 Introduction to Managerial Accounting	3	С		CR	ACCT 225	
	ECON 221 Principles of Microeconomics	3	С		CR		
	or ECON 222 Principles of Macroeconomics						
	MGMT 250 Professional Communication	3	С		CR	ENGL 101 & 102	
	BADM 301 Business Careers in the Global Economy	1	С		CR		
	MGSC 291 Applied Statistics for Business	3	С		CR	STAT 206	
	Carolina Core Requirement ⁶	3			CC		
emest	er Four (15-16 Credit Hours)		1				
	FINA 363 Introduction to Finance	3	С			ECON 221, ACCT 225, & STAT 206	
	MGMT 371 Principles of Management	3	С		CR		
	MGSC 395 Operations Management ⁷	3	С		CR	MGSC 291	
	MKTG 350 Principles of Marketing	3	С		CR	ECON 221/222, ACCT 225/226	
	Carolina Core Requirement ⁶	3-4			CC		
	er Five (15-16 Credit Hours)			ı	MD	M000 005	
	MGSC 485 Business Process Management	3	С		MR	MGSC 395	
	MGSC 487 Global Sourcing Strategies and Application	3	С		MR	MGSC 395 (MGSC 487 and 491	
	or MGSC 491 Supply Chain Management					only)	
	or MGSC 491 Supply Chair Management						
	Distribution						
	ACCT 324 Survey of Commercial Law	3	С		CR		
	Minor or Directed Coursework ⁸	3	C		PR		
	Carolina Core Requirement ⁶	3-4			CC		
mest	er Six (15 Credit Hours)	34			00		
illest	MGSC 487 Global Sourcing Strategies and	3	С		MR	MGSC 395 (MGSC 487 and 491	
	Application				IVIIX	only)	
	or MGSC 491 Supply Chain Management					Jy)	
	or MGSC 492 Logistics, Transportation and						
	Distribution						
	Minor or Directed Coursework ⁸	3	С		PR		
	Minor or Directed Coursework ⁸	3	Č	İ	PR		
	Carolina Core Requirement ⁶	3			CC		
	Carolina Core Requirement ⁶ or Approved Elective	3			CC/PR		
	er Seven (16 Credit Hours)						
	MGSC 450 Special Topics in Management Science	3	С		MR	C or better in MGSC 395 (MGSC	
	or MGSC 486 Service Operations Management					450, MGSC 486, or MGSC 488	
	or MGSC 488 Innovation and Design					only)	
	or MGSC 498 Project Management in Business	<u></u>	<u></u>				
	MGSC 495 Supply Chain Planning and Control	4	С		MR	MGSC 395; MGSC 485, 486, & 487	
	or MGSC 497 GSCOM Capstone Project9					(MGSC 497 only)	
	Business Elective ¹⁰	3	С		PR		
	Minor or Directed Coursework8	3	С		PR		
	Carolina Core Requirement ⁶ or Approved Elective	3			CC/PR		

Semester Eight (15 Credit Hours)							
MGMT 478 Strategic Management	3	С	CF	R MKTG 350, FINA 363, MGMT 371 &			
			CC-I	INT Senior Standing			
Business Elective ¹⁰	3	С	PF	R			
Minor or Directed Coursework ⁸	3	С	PF	R			
Minor or Directed Coursework ⁸	3	С	PF	R			
Carolina Core Requirement ⁶ or Approved Elective	3		CC/I	PR			

Graduation Requirements Summary

Minimum Total Hours	Minimum Major Requirements Hours	College & Program Requirements Hours	Carolina Core Hours	Minimum Institutional GPA
123	16	64-76	31-43	2.800

- Regardless of individual course grades, students must maintain a minimum 3.000 cumulative GPA at the end of their first year (fall, spring, summer term). All students are reviewed annually at the end of each summer term for meeting the upperclassmen retention and graduation requirement of a 2.8 cumulative GPA.
- 2. Some colleges require a minimum GPA for major courses. Courses indicated in this column are included in the major GPA for this program of study.
- 3. Students who do not place into MATH 122 or MATH 141 will be required to take a summer course in the summer following their first year.
- 4. MGSC 290 is a progression requirement and must be taken within the first year in the Darla Moore School of Business. Either ECON 221 or 222 must be taken during the first year. Whichever remains incomplete at the end of the first year, will be taken during the third semester.
- 5. Students in the Darla Moore School of Business are required to demonstrate proficiency in one foreign language by a score of 2 or higher on the foreign language placement test, or credit equivalent to USC 109 and 110 courses, or credit equivalent to the USC 121 course.
- 6. The Carolina Core provides the common core of knowledge, skill and academic experience for all Carolina undergraduate students.
- 7. Students interested in the Operations and Supply Chain major should take MGSC 395 no later than semester 4.
- 8. Directed coursework may consist of courses toward a cognate, concentration, or directed study.
- 9. All students should apply to take MGSC 497 Operations and Supply Chain Consulting Course as soon as they are eligible. Enrollment in MGSC 497 will be determined by the Operations and Supply Chain committee through a competitive admission process. Any student not accepted may re-apply in subsequent semesters. Students who cannot be accommodated into MGSC 497 by their final semester will be enrolled into MGSC 495.
- 10. Business Electives must be 300-level or higher business courses in ACCT, ECON, FINA, IBUS, MGMT, MGSC, or MKTG. Students must meet prerequisites to take the business elective of their choosing.

Program Notes:

 Courses identified as "critical" must be completed with a grade of "C" or better in the student's first year in the Darla Moore School of Business in order to continue in the Business School.

Students may choose to complete a Business Analytics Concentration (12 hours) in conjunction with the Management Science major.

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Required: MGSC 394 – Data Analytics for Business (3) and 9 hours from the list below:						
ACCT 404 – Accounting Information Systems I (3)	MGSC 390 – Business Information Systems (3)					
ECON 436 – Introductory Econometrics (3)	MGSC 391 – Applied Statistical Modeling (3)					
FINA 444 – Corporate Risk Management (3)	MGSC 486 – Service Operations Management (3)					
FINA 469 – Investment Analysis & Portfolio Management (3)	MKTG 352 – Principles of Marketing Research (3)					
FINA 472 – Student-Managed Investments (3) –By application only	MKTG 447 – Pricing Strategy and Analytics (3)					
IBUS 430 – Research in International Business (3)	MKTG 448 – Data Science for Business Decision-Making (3)					
MGMT 425 – HR Analytics (3)						

- Business courses may be repeated only once. Students may appeal to take a course for a third time and must see an advisor to complete the appeal process.
- Students must complete nine hours of international-focused courses. These courses can be satisfied within the 122 required hours and do not require additional coursework. At least three credits must be a Business or Economics course at the 300-level or above. The remaining six credits can come from: a) two Carolina Core courses OR b) two 200-level or above foreign language course(s) in the same language. For a complete list of the these courses, please visit: http://moore.sc.edu/academicprograms/undergraduate/globalexperience/internationalrequirement.aspx
- All undergraduate students must take a 3-credit course or its equivalent with a passing grade that covers the founding documents. This course may fulfill any requirement in the program of study. Courses that meet this requirement are listed in the academic bulletin.
- The last 30 credit hours toward your degree must be earned in residence at the University of South Carolina-Columbia.

University Requirements: Bachelor's degree-seeking students must meet Carolina Core (general education) requirements. For more information regarding these requirements, please visit the Carolina Core page on the University website.

Codes:						
CC	Carolina Core	CC-INF	Carolina Core – Information Literacy			
CC-AIU	Carolina Core-Aesthetic and Interpretive Understanding	CC-INT	Carolina Core – Integrative Course			
CC-ARP	Carolina Core-Analytical Reasoning and Problem-Solving	CC-SCI	Carolina Core – Scientific Literacy			
CC-CMS	Carolina Core-Effective, Engaged, and Persuasive Communication: Spoken Component	CC-VSR	Carolina Core – Values, Ethics, and Social Responsibility			
CC-CMW	Effective, Engaged, and Persuasive Communication: Written Component	CR	College Requirement			
CC-GFL	Carolina Core-Global Citizenship and Multicultural Understanding: Foreign Language	MR	Major Requirement			
CC-GHS	Carolina Core – Historical Thinking	PR	Program Requirement			
CC-GSS	Carolina Core – Social Sciences					

Disclaimer: Major maps are only a suggested or recommended sequence of courses required in a program of study. Please contact your academic advisor for assistance in the application of specific coursework to a program of study and course selection and planning for upcoming semesters.