Supply Chain Management – Supply Chain Analytics Concentration
Bachelor of Applied Science | Code: P9303 | 120 Credits
CIP (1105202032**)**
Effective Term: Fall Term 2024 (2247)

Supply chain management is an interdisciplinary field that emphasizes cross-functional integration of diverse business functions, facilities, and activities and seeks to manage those activities to enhance a company's competitive advantage. The Bachelor of Applied Science in Supply Chain Management (BAS-SCM) is designed to provide knowledge of the supply chain while exploring the risks, operations, logistics, economics, regulatory issues, change management, forecasting, resource allocation, production planning, inventory management, customer delivery, after-sales support and service and other functions basic to business.

GENERAL EDUCATION – 36 CREDITS REQUIRED

Communications – 6 Credits Required			
ENC 1101	English Composition 1	3	Prerequisite: Approved Placement Scores
ENC 1102	English Composition 2	3	Prerequisite: ENC 1101
Oral Communications – 3 Credits Required			
ENC 2300	Advanced Composition & Communication	3	Pre-Req: ENC 1101, 1102
LIT 2480	Issues in Literature & Culture	3	Pre-Req: ENC 1102
SPC 1017	Introduction to Communications	3	
SPC 2608	Introduction to Public Speaking	3	
Humanities – 6 Credits Required			
Group A – Select 3 Credits from the following (State Core):			
ARH 1000	Art Appreciation	3	
HUM 1020	Humanities	3	
LIT 2000	Introduction to Literature	3	
MUL 1010	Music Appreciation	3	
PHI 2010	Introduction to Philosophy	3	
THE 2000	Theater Appreciation	3	
AND			
Group B – Select 3 Credits from the following (MDC Core):			
ARC 2701	History of Architecture 1	3	
ARC 2702	History of Architecture 2	3	
ARH 1000	Art Appreciation	3	
ARH 2050	Art History 1	3	Pre-Req: ARH 2050
ARH 2051	Art History 2	3	
ARH 2740	Cinema Appreciation	3	
DAN 2100	Dance Appreciation	3	
DAN 2130	Dance History 1	3	
HUM 1020	Humanities	3	
IND 1100	History of Interiors 1	3	
IND 1130	History of Interiors 2	3	
LIT 2000	Introduction to Literature	3	
LIT 2120	A Survey of World Literature	3	Pre-Req: ENC 1101 or ENC 1102 or Equivalent
MUH 2111	Survey of Music History 1	3	
MUH 2112	Survey of Music History 2	3	Pre-Req: MUH 2112
MUL 1010	Music Appreciation	3	
MUL 2380	Jazz and Popular Music in America	3	
PHI 2010	Introduction to Philosophy	3	
PHI 2600	Introduction to Ethics	3	
THE 2000	Theater Appreciation	3	
Behavioral and Social Science – 6 Credits Required			
Must take 3.0 credits from the following group.			
AMH 2010	History of the US to 1877	3	
AMH 2020	History of the US Since 1877	3	
ANT 2000	Introduction to Anthropology	3	
ECO 2013	Principles of Economics (Macro)	3	

POS 2041	American Federal Government	3
PSY 2012	Introduction to Psychology	3

- - - And - - -

Must take 3.0 credits from the following group.

AMH 2010	History of the US to 1877	3
AMH 2020	History of the US Since 1877	3
ANT 2000	Introduction to Anthropology	3
ANT 2410	Introduction to Cultural Anthropology	3
CLP 1006	Psychology of Personal Effectiveness	3
DEP 2000	Human Growth and Development	3
ECO 2013	Principles of Economics (Macro)	3
ISS 1120	The Social Environment	3
ISS 1161	The Individual in Society	3
POS 2041	American Federal Government	3
PSY 2012	Introduction to Psychology	3
SYG 2000	Introduction to Sociology	3
WOH 2012	History of World Civilization to 1789	3
WOH 2022	History of World Civilization From 1789	3

Natural Science – 6 Credits Required

Group A – Select 3 Credits from the following*

AST 1002	Descriptive Astronomy	3
BSC 1005	General Education Biology	3
BSC 2010	Principles of Biology	3
BSC 2085	Human Anatomy and Physiology I	3
CHM 1020	General Education Chemistry	3
CHM 1045	General Chemistry & Qualitative Analysis	3
ESC 1000	General Education Earth Science	3
EVR 1001	Introduction to Environmental Science	3
GLY 1010	Physical Geology	3
OCE 1001	Introduction to Oceanography	3
PHY 1020	General Education Physics	3
PHY 2048	Physics with Calculus 1	3
PHY 2053	Physics (without Calculus) 1	3

AND

Group B – Select 3 Credits from the following*

AST 1002	Descriptive Astronomy	3
BOT 1010	Botany	3
BSC 1005	General Education Biology	3
BSC 1030	Social Issues in Biology	3
BSC 1050	Biology & Environment	3
BSC 1084	Functional Human Anatomy	3
BSC 2010	Principles of Biology	3
BSC 2020	Human Biology: Fundamentals of Anatomy/Physiology	3
BSC 2085	Anatomy and Physiology I	3
BSC 2250	Natural History of South Florida	3
ESC 1000	General Education Earth Science	3
EVR 1001	Introduction to Environmental Science	3
GLY 1010	Physical Geology	3
HUN 1201	Essentials of Human Nutrition	3
OCB 1010	Introduction to Marine Biology	3
OCE 1001	Introduction to Oceanography	3
PCB 2033	Introduction to Ecology	3
PSC 1121	General Education Physical Science	3
PSC 1515	Energy in the Natural Environment	3
ZOO 1010	Zoology	3

CHM* GLY* MET* OCE* PHY*

* Any course with the following prefix excluding labs.

Mathematics – 6 Credits Required

MAC 1105	College Algebra	3	Pre-Req: MAT 1033
MAC 2311	Calculus & Analytical Geometry	5	Pre-Req: MAC1106 and MAC1114, or MAC1114 and MAC1140, or MAC1147
MGF 1130	Mathematical Thinking	3	Student must meet the Developmental Education mathematics requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption)

STA 2023	Statistical Methods	3	Pre-Req: MAT1033 or MGF 1131

AND

Group B Must take 3 credits from the following group (MDC Core):

MAC*			
MAD 2104	Discrete Mathematics	3	
MAP*			
MAS*			
MGF*			
QMB 2100	Basic Business Statistics	3	
STA 2023	Statistical Methods	3	

General Education Elective – 3 Credits Required

Electives may include any appropriate transferrable (Credit Type 1 or 2) courses (Check with Advisor)

Computer Competency Requirement

Computer Competency Test (CCT)

Or

CGS 1060	Introduction to Microcomputer Usage	*Credits count towards the Program Elective

LOWER DIVISION/COMMON PREREQUISITE REQUIREMENTS – 24 Credits Required

GROUP A – Common Prerequisite Course Requirements 17 Credits

ACG 2021	Financial Accounting	3	Corequisite: ACG 2021L
ACG 2021L	Financial Accounting Lab	1	Corequisite: ACG 2021
ACG 2071	Managerial Accounting	3	Prerequisites: ACG 2001, 2011 or 2021; Corequisite: ACG 2071L
ACG 2071L	Managerial Accounting Lab	1	Prerequisite: ACG 2021, 2021L; Corequisite: ACG 2071
ECO 2013	Principles of Economics (Macro)	3	
ECO 2023	Principles of Economics (Micro)	3	
TRA 1154	Intro to Supply Chain Management	3	
TRA 2010	Intro to Logistics and Transportation	3	

AND

GROUP B – 7 Credits

ACG*	GEB*	MAR*
BAN*	HFT*	QMB*
BUL*	ISM*	STA*
CGS*	MAC*	TAX*
FIN*	MAN*	TRA*

UPPER DIVISION CORE REQUIREMENTS – 33 Credits Required

BUL 4461	Law of International Trade	3	Prerequisite: GEB 3358
FIN 3403	Financial Management	3	Prerequisite: ACG 2071/L, QMB 2100 or STA 2023
GEB 3358	International Negotiations and Transactions	3	Prerequisite: TRA 1154
MAN 3506	Operations Management	3	Prerequisite: QMB 2100 or STA 2023
MAN 3554	Safety and Risk Management	1	
MAN 3562	Purchasing, Inventory and Warehouse Management	3	
MAN 3583	Project Management	3	
MAN 4520	Quality Management	3	
MAN 4523	Production Information Systems	3	
MAN 4597	Global Supply Chain Management	3	Prerequisite: MAN 3506
MAN 4940	Field Study and Research	2	Prerequisites: MAN 3583, TRA 1154
MAR 4203	Supply Chain Marketing	3	Prerequisites: MAN 3506, TRA 1154

CONCENTRATION CORE – 27 CREDITS REQUIRED

GROUP A – CONCENTRATION CORE – 9 CREDITS REQUIRED

MAN 4552	Supply Chain Analytics and Decision Making	3	
MAN 4719	Challenges in the Digital Supply Chain	3	Prerequisite: MAN3506, (QMB2100 OR STA2023)
MAN 4732	Business Intelligence for Supply Chain	3	

AND

GROUP B – UPPER DIVISION ELECTIVES – 9 CREDITS REQUIRED

GEB 4363	Import/Export Management	3	Prerequisite: TRA 2010
MAN 3504	Production Operations and Logistics Management	3	Prerequisite: TRA 1154
MAN 3786	Sustainable Enterprise Planning	3	
MAN 4593	Supply Chain Management Theory & Methodology	2	Prerequisite: MAN 3583, MAN 4523

TRA 3034	Transportation & Traffic Management	3	Prerequisite: TRA 1154
TRA 3132	Purchasing and Inventory Management	3	Prerequisite: TRA 1154
TRA 4234	Warehouse Management	3	Prerequisites: MAN 3506, QMB 2100 or STA 2023

AND

GROUP C - ELECTIVES – 9 CREDITS REQUIRED

ACG*	GEB*	MAR*
BAN*	HFT*	QMB*
BUL*	ISM*	STA*
CGS*	MAC*	TAX*
FIN*	MAN*	TRA*

Additional Information:

- Students should check their individualized Degree Audit Report to determine the specific graduation policies in effect for their program of study for the year and term they entered Miami Dade College. This outline includes current graduation requirements.

- Students must complete all coursework with a "C" or better to complete the degree.