

**University of Management & Technology, Lahore**  
Office of the Registrar, Johar Town C-II Lahore, Ph. #: 042-35212820



**Roadmap**

**Program Name: BS Operations and Supply Chain Management**

**Program Scheme of Studies**

<b>Structure of the Scheme</b>	
<b>Courses Credit Hours</b>	
<b>Core Courses:</b> (Credit Hours)	18 (54)
<b>Foundation Courses :</b> (Credit Hours)	9 (22)
<b>Major Courses:</b> (Credit Hours)	
<b>Technical Electives:</b> (Credit Hours)	5 (15)
<b>General Electives:</b> (Credit Hours)	
<b>Supporting Science:</b> (Credit Hours)	
<b>University Electives:</b> (Credit Hours)	
<b>Undergraduate 2.0 courses</b> (Credit hours)	
<b>Total Credit Hours:</b>	126

## Program Road Map

Applicable to Batch No. 2025 Session FALL

1 <sup>st</sup> Year							
Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs.	Prerequisite
-	English Immersion	1.0	-	-	English Immersion	0	-
QM-110	Business Mathematics	3	-	AC-125	Fundamentals of Accounting	3	-
EC-210 / EC-553	Business Economics	3	-	MA101	Calculus I	3	-
IS-125	Computer Applications in Business	3	-	SD-110	Life & Learning	2	-
EN-111	English I (English Grammar & Comprehension)	3	-	PSY-101	Psychology of Mind and Behaviors	2	-
MG-111	Introduction to Business	3	-	HM-106	English II (Composition & Communication)	3	EN-111
UCPS-100	Pakistan: Ideology, Constitution & Society	2	-	QM-230	Business Statistics	3	-
					Pak Studies	2	
<b>Semester Credit Hours</b>		18		<b>Semester Credit Hours</b>		18	-
<b>First Summer:</b> Civic and Community Engagement (2 Credit Hour)							

--	--	--	--	--	--	--	--

**2<sup>nd</sup> Year**

Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
EC-220 / IS-240	Management Information System	3	EC-210 / IS-125	OM-320	Decision Models	3	QM-230
HM-213	Report Writing and Presentation Skills	3	EN-111	EN-310	English for Specific Purposes (Business)	3	HM-106
AC-300	Cost Accounting	3	AC-125	FN-340	Business Finance	3	AC-125
MG-120	Principles of Management	3	MG-111	IS-250	Emerging Technologies	3	IS-125
SC-310	Islamic Thoughts and Perspective	2	-	MK-210	Principles of Marketing	3	MG-111
QM-310	Statistical Inferences	3	QM-230		Fahm-e-Quran II	1	
	Fahm-e-Quran I	1					
<b>Semester Credit Hours</b>		18		<b>Semester Credit Hours</b>		16	

**3<sup>rd</sup> Year**

Fall Semester	Spring Semester
---------------	-----------------

Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
OM-345	Production Operations Management	3	OM-320	-	English Immersion	0	-
MK-435	Business Research & Intelligence	3	EN-220	OM-460	Total Quality Management	3	OM-320
MG-360	Leadership Skills	3	MG-120	MG-365	Innovation & Entrepreneurship	2	MK-435/ MG-120
SC-160	Introduction to Sociology	3	-	IS-465	Advanced Business Computing	3	IS-125
CH-104	Everyday Science	2	-	SD-460	Chinese Language I	3	-
-	Think AI	2	-	MG-350	Managing Human Capital	3	MG-120
<b>Semester Credit Hours</b>		16	-	<b>Semester Credit Hours</b>		14	-

**4<sup>th</sup> Year**

Fall Semester				Spring Semester			
Code	Course Title	Cr. Hrs.	Prerequisite	Code	Course Title	Cr. Hrs	Prerequisite
OM-477	Strategic Supply Chain Design	3	OM-345	OM-470	Project Management	3	OM-345
SM-473	Supply Chain Performance	3	OM-345	-	Elective III	3	-
-	Elective I	3		-	Elective IV / COOP* I	3	-

-	Elective II	3		-	Elective V / COOP* II	3	-
<b>Semester Credit Hours</b>		12		<b>Semester Credit Hours</b>		12	

## Specialization Elective Courses

- Production Planning and Control (OM-420 / IE-324)
- Material Management in Supply Chain (SM-485)
- ERP Supply Chain (IS-404)
- Supply Chain Quality Management (SM-481)
- Services Operations Management (OM-483)
- Supply Chain Finance (FN-488)

**\*COOP Cooperative Work Place Experience of 6 Credit Hours** can be taken in lieu of two Elective Courses.

*(Course Code: COP 401)*