

**Curriculum Structure:**

The total number of credits of the program is 36 credits as follows:

Core Courses	15 Credits
Concentration Courses	9 Credits
Thesis Plan	12 Credits
Or Non- Thesis Plan	12 Credits
Graduate Project	6 Credits
Elective Courses	6 Credits

	<b>Number of Credits</b>
<b>Supply Chain Management Core Courses</b>	15
<b>Concentration Courses</b>	
- Supply Management Concentration	9
- Manufacturing Concentration	
- Distribution Concentration	
<b>Thesis and Non-Thesis Plans</b>	
Plan A: Thesis	12
Plan B: Non-Thesis	
- Graduate Project	6
- Free Electives	6
	<b>36</b>

**Course Titles**

**1. Supply Chain Management Foundation Course**

The graduate students who do not possess any background in Management systems or hold any other degree than business administration or management, have to take this foundation course before the semester starts. The graduate student must get ‘satisfactory’ (S) from this course.

	<b>Credits</b>
SCM 1000    Fundamentals in Supply Chain Management	0 (48-0)

<b>2. Supply Chain Management Core Courses</b>		<b>15 Credits</b>
		<b>Credits</b>
SCM 1201	Strategic Supply Chain Management*	3 (3-0)
SCM 1202	Quantitative Modeling and Analysis	3 (3-0)
SCM 1203	Design and Control of Supply Chain Processes	3 (3-0)
SCM 1204	Information Technology in Supply Chain Management	3 (3-0)
SCM 1205	Financial Decision Making in Supply Chain	3 (3-0)

**\* Note: Students who received the Executive Certificate in Supply Chain Management can use it as substitute for SCM 1201 Strategic Supply Chain Management course.**

**3. Concentration Courses** **9 Credits**  
The graduate student must choose 9 credits from the following concentrations.

<b>3.1 Supply Management Concentration</b>		<b>9 Credits</b>
		<b>Credits</b>
SUP 2301	Procurement Methodologies	3 (3-0)
SUP 2302	Negotiation Strategies	3 (3-0)
SUP 2303	Contract Analysis	3 (3-0)
SUP 2304	Strategic Global Sourcing	3 (3-0)
SUP 2305	Supplier Relationship Management	3 (3-0)
SUP 2306	Roles of Technology in Supply Systems	3 (3-0)

<b>3.2 Manufacturing Concentration</b>		<b>9 credits</b>
		<b>Credits</b>
MFG 2401	Advanced Production Planning	3 (3-0)
MFG 2402	Manufacturing Systems Analysis	3 (3-0)
MFG 2403	Manufacturing Strategy	3 (3-0)
MFG 2404	Designing of Lean Manufacturing System	3 (3-0)
MFG 2405	Quality Engineering and Six Sigma	3 (3-0)
MFG 2406	Simulation Modeling in Manufacturing Systems	3 (3-0)

<b>3.3 Distribution Concentration</b>		<b>9 credits</b>
		<b>Credits</b>
DIS 2501	Integrated Warehouse Operations	3 (3-0)
DIS 2502	Multimodal Transportation Systems	3 (3-0)

DIS 2503	Logistics and Distribution Networks	3 (3-0)
DIS 2504	Materials Handling and Packaging	3 (3-0)
DIS 2505	Strategic Retailing	3 (3-0)

#### 4. Thesis Plan

**12 Credits**

SCM 2201 Thesis

**Credits**

12 (0-1)

#### 5. Non-Thesis Plan

**12 Credits**

SCM 2202 Graduate Project

**Credits**

6 (0-1)

Elective Courses

6 (3-0)

The student can choose 6 credits of elective courses from the following courses or any course available from other Concentration.

		<b>Credits</b>
SCM 2601	Customer Relationship Management	3 (3-0)
SCM 2602	Supply Chain Collaboration	3 (3-0)
SCM 2603	Government Supply Chain	3 (3-0)
SCM 2604	Supply Chain Risk Management	3 (3-0)
SCM 2605	Seminar in Supply Chain Management	3 (3-0)