

**SUBJECT SYLLABUS  
ACADEMIC OVERVIEW  
INTERNATIONAL SCHOOL OF ECONOMIC & ADMINISTRATIVE SCIENCES**

**COURSE NAME AND CODE:**     **Procurement Logistics (1472401)**

**PROGRAM:**

**Bachelor of International Marketing & Logistics Administration (BIMLA)**

**LEVEL OF STUDY:**

**Undergraduate Programme**

GENERAL ACADEMIC INFORMATION					
LATEST UPDATE	2020-2				
ACADEMIC DEPARTMENT	Operations Management				
SUBJECT TYPE	Mandatory				
LANGUAGE	English				
SEMESTER	Programme	Semester			
	BIMLA	4			
NUMBER OF ACADEMIC CREDITS	3				
HOURS OF ACADEMIC WORK	144	Contact hours	48	Hours of independent/autonomous work	96
LEARNING PREREQUISITES	<ul style="list-style-type: none"><li>• Master basic mathematical concepts, such as mathematical analysis, solution of linear equations and handling of rules of three.</li><li>• Know the mathematical structure of basic probability models.</li><li>• Communicate in writing and orally in the English language</li></ul>				
INTERNATIONAL COMPONENT	<ul style="list-style-type: none"><li>• National and international standards, policies, regulations and mores related to the professional field.</li><li>• Vocabulary and technical language to communicate in different cultural contexts.</li><li>• Intercultural challenges.</li></ul>				
SUSTAINABLE DEVELOPMENT GOALS (SDG)	9. Industry, Innovation, and Infrastructure				

COURSE DETAILS						
<b>COURSE DESCRIPTION</b>	This subject empowers the student to develop skills for planning, implementation, monitoring and control of purchasing and supply strategies in the supply chain; using models, tools and instruments suitable for this purpose.					
<b>KEY WORDS:</b>	Procurement, purchases, provisioning					
<b>COMPETENCES DEVELOPED</b>	<b>EICEA ILOS or Programme ILOS</b>	<b>Course ILOS</b>	<b>Type</b>	<b>Content</b>	<b>Teaching and Learning strategy</b>	<b>Assessment Method</b>
	ILO02 ILO05	Analyze qualitative and quantitative factors related to procurement strategies in the supply chain, in order to make the right decisions regarding purchases.	Skill	- Historical analysis of data and demand patterns - Methods for demand forecasting - Inventory management and administration. - Inventory policies (probabilistic and deterministic models) - Cost of inventories	Theoretical Class	Summative Assessment
					Projects Based Learning	Formative Assessment
	ILO04 BIMLA ILO07	Apply negotiation strategies with product and service providers, based on the analysis of supply sources, volumes and costs.	Attitude  Skill	- Code of ethics, contract management and win-win relationships - Historical analysis of data and demand patterns - Methods for demand forecasting	Case Study  Projects Based Learning	Formative Assessment

	ILO06	Recognize concepts associated with supply logistics in any type of organization, from the identification of internal business needs (design, quality, performance, inventories, among others) and the market context (demand, suppliers, competitors and regulations)	Knowledge	-Procurement Concepts -Supply strategies -Procurement policies - Purchasing process (purchasing / warehouse organizational structure) - Methods and types of purchase -Procurement negotiation conditions (planning and management of the purchasing negotiation process) -Selection, monitoring and evaluation of suppliers	Theoretical Class	Summative Assessment
	BIMLA ILO08				Projects Based Learning	Formative Assessment
<p>ILO02: Critical Thinking: Evaluate information using critical and analytical reasoning to address changing economic and business situations.</p> <p>ILO04: Ethics &amp; Social Responsibility: Demonstrate awareness of ethical issues in business environments and contribute to the improvement of social conditions.</p> <p>ILO05: Business Analytics: Interpret data sets according to their different patterns, trends and scenarios using analytical tools that create value in organizations.</p> <p>ILO06: Understand principles and concepts of administration: Demonstrate specific knowledge in the field according to the level of study (Bachelor).</p> <p>BIMLA ILO07: Apply technical skills associated with marketing and logistics in the decision-making process of the firm.</p> <p>BIMLA ILO08: Understanding marketing tendencies and demonstrating ability to identify critical components in value chains.</p>						
BIBLIOGRAPHY	<ul style="list-style-type: none"><li>Nahmias, S. Production and operations analysis. Sexta Edición. New York: McGraw-Hill. 2009.</li><li>Ballou, R. Logística, administración de la cadena de suministro. Quinta Edición. México: Pearson Educación. 2004.</li><li>Silver, E., Pyke, D., Peterson, R. Inventory management and production planning and scheduling. Tercera Edición. New York: John Wiley &amp; Sons. 1998.</li><li>Heizer, J. Render, B. Dirección de la producción y las operaciones: Decisiones estratégicas. Prentice Hall. 8ª Edición. 2007.</li></ul>					

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|  | <ul style="list-style-type: none"><li>• Hillier F., Lieberman G. Introduction to operations research. Novena Edición. New York: McGraw-Hill Higher Education. 2010.</li><li>• Chase, R., Jacobs, R., Aquilano, N. Administración de operaciones. Producción y cadena de suministros. Treceava Edición. México McGraw-Hill. 2013.</li></ul> |
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