

SCHOOL OF ENGINEERING			
Degree: MASTER OF SCIENCE Credits: 30		CURRICULUM	
Program: ENGINEERING MANAGEMENT			
<b>Description:</b> The program offers a combination of technical with management subjects so graduates can contribute to the economic development of their societies. The curriculum will endow students with knowledge, skills, and attitudes necessary for employment in the management of technical settings and/or admission into graduate schools to pursue advanced degrees in Engineering Management or related fields.			
Course Code	Course Title	Credits	Requisites
<b>Professional/Core Courses</b>			
IMEN 510	Engineering Management	3	Admission to the program
IMEN 551 or TCOM 513	Engineering Project Management; or Information Technology (IT) Project Management	3	Admission to the program
IMEN 610	Statistics for Decision Modeling	3	Admission to the program
IMEN 620	Enterprise Continuous Improvement	3	Admission to the program
<b>Specialization Courses</b>			
IMEN 630	Supply Chain Management for Engineers	3	Admission to the program
IMEN 635	Logistics Methods and Strategies	3	Admission to the program
IMEN 640	Design and Operation of Logistic Networks	3	IMEN 635
IMEN 645	Analytics for Decision Making	3	IMEN 610
<b>Elective Courses (Select 6 credits)</b>			
IMEN 660	Thesis	6*	18 crs. approved & advisor's permission
IMEN 650	Graduate Project	3	Approved proposal & advisor's permission
ACCO 501	Managerial Accounting	3	Admission to the program
INBU 610	The International Business Environment	3	Admission to the program
HURM 710	Human Resources Management	3	Admission to the program
MANA 501	Organizational Behavior	3	Admission to the program
MSPA 520	Administrative Law and Ethics	3	Admission to the program
MEEN 641	Sustainable Energy: Solar, Nuclear, Wind Energy, Fuel Cell & Geothermal	3	Admission to the program
MEEN 642	Grid Integration & Sustainable Systems	3	MEEN 641
MEEN 643	Energy Management, Policy & Ethics	3	MEEN 641
MEEN 644	Photovoltaic Energy Conversion	3	Instructor's permission
MEEN 645	Wind Energy	3	Admission to the program
MEEN 646	Solar Refrigeration and Air Conditioning	3	Admission to the program

\* May register a maximum of 3 credits per semester. It is expected that the student will prepare the thesis proposal during the first 3 credits, and develop the thesis with the remaining 3 credits in the following semester (or semesters).

<b>Degree: MASTER OF SCIENCE</b>		<b>PLAN OF STUDY</b>	
<b>Credits: 30</b>			
<b>Program: ENGINEERING MANAGEMENT</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Requisites</b>
<b>FIRST YEAR - FIRST SEMESTER</b>			
IMEN 510	Engineering Management	3	Admission to the program
IMEN 551 or TCOM 513	Engineering Project Management or Information Technology (IT) Project Management	3	Admission to the program
IMEN 610	Statistics for Decision Modeling	3	Admission to the program
<b>FIRST YEAR - SECOND SEMESTER</b>			
IMEN 620	Enterprise Continuous Improvement	3	Admission to the program
IMEN 630	Supply Chain Management for Engineers	3	Admission to the program
IMEN 635	Logistics Methods and Strategies	3	Admission to the program
<b>SECOND YEAR - FIRST SEMESTER</b>			
IMEN 640	Design and Operation of Logistic Networks	3	IMEN 635
IMEN 645	Analytics for Decision Making	3	IMEN 610
XXX	Elective	3	Depends on elective
<b>SECOND YEAR - SECOND SEMESTER</b>			
XXX	Elective	3	Depends on elective