

Engineering
Mechanical Engineering / Energy Systems

Study Program : Master
Study Plan Type : Thesis
Academic Year : 2012

The requirements to obtain a Master degree is :-

*** The minimum requirements to get a Master degree in / Mechanical Engineering / Energy Systems / is to pass 33 credit hours, according to this study plan.**

*** The credit hours are distributed to get a Master degree as follows :-**

Number of credit hours	
Specialization Requirments	24.000
Compulsory	15.000
Elective	9.000
Thesis	9.000
Compulsory	9.000
Elective	0.000
Total :	33.000

Specialization Requirments Credit Hours : 24
Requirement type : Compulsory Credit Hours :15

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0120402701	Engineering Analysis	3.000	3.000	0.000		online learning
0120402702	Computational Methods for Mechanical Engineering	3.000	3.000	0.000		in class
0120402721	Advanced Thermodynamics	3.000	3.000	0.000		in class
0120402722	Advanced Heat Transfer	3.000	3.000	0.000	120402701	in class
0120402733	Advanced Measurements	2.000	2.000	0.000		blended learning
0120402795	Seminar	1.000	1.000	0.000		blended learning

Specialization Requirments Credit Hours : 24
Requirement type : Elective Credit Hours :9

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0120402723	Power Plant Technology	3.000	3.000	0.000	120402721	in class
0120402732	Micro-Electromechanical Systems	3.000	3.000	0.000		
0120402761	Energy Mamagement	3.000	3.000	0.000		blended learning
0120402762	Solar Energy Engineering	3.000	3.000	0.000		blended learning
0120402763	Energy & Environment	3.000	3.000	0.000		
0120402764	Renewable Energy Technology	3.000	3.000	0.000		blended learning

Thesis Credit Hours : 9
Requirement type : Compulsory Credit Hours :9

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0000402799	Thesis	9.000	0.000	0.000		in class

Thesis Credit Hours : 9
Requirement type : Elective Credit Hours :0

المجموعة الاولى يختار الطالب 0 ساعات كحد أقصى من

Course Number	Course Name	Credit Hours	Theoretical	Practical	Pre - Requisite	Cours e Type
0030402799	Thesis	3.000	0.000	0.000		in class
0060402799	Thesis	6.000	0.000	0.000		in class
0090402799	Thesis	0.000	0.000	0.000		in class