

Science
Chemistry

Study Program : Master
Study Plan Type : Thesis
Academic Year : 2020

The requirements to obtain a Master degree is :-

*** The minimum requirements to get a Master degree in / Chemistry / 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
2001031723	Advanced Inorganic Chemistry	3.000	3.000	0.000		in class
0000103711	Advanced Instrumental Methods of Analysis	3.000	3.000	0.000		in class
0000103731	Molecular Structure & Mechanisms of Organic Reactions	3.000	3.000	0.000		in class
0000103741	Quantum Chemistry	3.000	3.000	0.000		in class
0000103793	Reseach Methods	3.000	3.000	0.000		online 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
2001031721	Group Theory	3.000	3.000	0.000		in class
0000103712	Electronalytical Method of Analysis	3.000	3.000	0.000		in class
0000103713	Environmental Chemical Analysis	3.000	3.000	0.000		
0000103722	Structural Methods in Inorganic Chmistry	3.000	3.000	0.000		in class
0000103732	Chemistry of Heterocyclic Compounds	3.000	3.000	0.000		in class
0000103733	Organic Synthesis	3.000	3.000	0.000		in class
0000103742	Advanced Speectroscopy	3.000	3.000	0.000		in class
0000103743	Lasers & their Chemical Applications	3.000	3.000	0.000		in class
0000103795	Spesial Topics	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
0000103799	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	Course Type
0009103799	thesis	0.000	0.000	0.000		in class
0003103799	thesis	3.000	0.000	0.000		in class
0006103799	thesis	6.000	0.000	0.000		in class