

**Prince El- Hassan Bin Talal For Natural Resources & Environment  
Applied Geology**

**Study Program : Master  
Study Plan Type : Thesis  
Academic Year : 2014**

**The requirements to obtain a Master degree is :-**

**\* The minimum requirements to get a Master degree in / Applied Geology / is to pass 33 credit hours, according to this study plan.**

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

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

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

<b>Course Number</b>	<b>Course Name</b>	<b>Credit Hours</b>	<b>Theoretical</b>	<b>Practical</b>	<b>Pre - Requisite</b>
0141201721	Prospecting Geology	3.000	3.000	0.000	
0141201731	Building and Construction Materials□	3.000	3.000	0.000	
0141201753	Engineering Geology	3.000	3.000	0.000	
0141201761	Applied Geophysics□	3.000	3.000	0.000	
0141201794	Applied Special Topics	3.000	3.000	0.000	

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

<b>Course Number</b>	<b>Course Name</b>	<b>Credit Hours</b>	<b>Theoretical</b>	<b>Practical</b>	<b>Pre - Requisite</b>
0141201711	Basin Analysis	2.000	2.000	0.000	
0141201712	Geology of Petroleum	2.000	2.000	0.000	
0141201751	Advance Structural Geology	3.000	3.000	0.000	
0141201752	Remote Sensing Techniques & its Earth	2.000	2.000	0.000	
0141201762	Economic Geology	3.000	3.000	0.000	
0141201781	Advanced Hydrogeology	3.000	3.000	0.000	
0141201782	Advanced Environmental Geology	3.000	3.000	0.000	
0141201793	Research Mehodology	2.000	2.000		

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

<b>Course Number</b>	<b>Course Name</b>	<b>Credit Hours</b>	<b>Theoretical</b>	<b>Practical</b>	<b>Pre - Requisite</b>
<b>0141201799</b>	<b>Thesis</b>	<b>9.000</b>	<b>0.000</b>	<b>0.000</b>	

**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
0003801799	Thesis	3.000	0.000	0.000	
0006801799	thesis	6.000	0.000	0.000	
0009801799	Thesis	0.000	0.000	0.000	