

### MARINE GEOLOGY STUDY PLAN

Code	Course Title	Units			Prerequisites
<b>Semester 1</b>					
<b>Mandatory</b>	<b>You must do the following modules</b>	Lec.	Prac.	Credits	
MATH110	Mathematics	3	-	3	-
PHYS110	General Physics	3	-	3	-
ELCS101	Intensive English (1)	15	-	3	-
CPIT100	Computer Science	3	-	3	-
Total				12	
<b>Semester 2</b>					
<b>Mandatory</b>	<b>You must do the following modules</b>				
STAT110	General Statistics	3	-	3	-
CHEM110	General Chemistry	3	-	3	-
BIO101	General Biology	3	-	3	-
ELCS102	Intensive English (2)	15	-	3	-
COM101	Communication skills	3	-	3	-
Total				15	

### Year Two

Code	Course Title	Units			Prerequisites
<b>Semester 3</b>					
<b>Mandatory</b>	<b>You must do the following modules</b>	Lec.	Prac.	Credits	
MS201	Oceanography	3	-	3	-
MSC301	An Introduction to Marine Pollution	2	-	2	-
MSC302	Dynamics of Marine Ecosystems	2	-	2	MS201
EMR201	Physical Geology	3	3	4	-
ARAB101	Arabic Language	3	-	3	-
	Free course	-	-	2	-
Total				16	
<b>Semester 4</b>					
<b>Mandatory</b>	<b>You must do the following modules</b>	Lec.	Prac.	Credits	
ISLS101	Islamic Culture (1)	2	-	2	-
MS202	Marine Ecology	3	-	3	MS201
MSC303	Marine Biogeochemistry	2	-	2	MS201
MSC304	Oceanographic Data Processing	1	3	2	CPIT100
MSC305	An Introduction to Remote Sensing in Marine Environment	2	-	2	-
ARAB201	Arabic Language	3	-	3	ARAB101
	Free course	-	-	2	-
Total				16	

### Year Three

Code	Course Title	Units			Prerequisites
<b>Semester 5</b>					
<b>Mandatory</b>	<b>You must do the following modules</b>	Lec.	Prac.	Credits	
ISLS201	Islamic Culture (2)	2	-	2	ISLS 101
EMR202	Introduction to Mineralogy	2	3	3	-

EPS201	Sedimentation & Stratigraphy	1	3	2	EMR 201
MP331	Physical Properties of Seawater	2	3	3	MATH201+ PHYS 201
MG381	General Marine Geology	3	-	3	EMR 201 + MS201
MG382	Marine Microfossils	2	3	3	MSC 202
MSN230	Fundamental of Marine Safety	3	-	3	-
Total				19	
<b>Semester 6</b>					
<b>Mandatory</b>	<b>You must do the following modules</b>				
ISLS301	Islamic Culture (3)	2	-	2	ISLS 201
MSC306	An Introduction to Integrated Coastal Zone Management	2	-	2	MS201
MG391	Marine Sediments	2	3	3	MG 381
MG392	Regional Marine Geology	2	-	2	MG381
MG393	Introduction to Marine Geophysics	2	3	3	MG 381 +PHYS 110
MSC307	Field and Cooperative Training	-	3	2	-
MB325	Principle of Diving and swimming	-	-	2	-
<b>Elective</b>	<b>You may select from the following modules</b>				
Total				18	

### Year Four

Code	Course Title	Units			Prerequisites
<b>Semester 7</b>					
<b>Mandatory</b>	<b>You must do the following modules</b>				
ISLS401	Islamic Culture	Lec.	Prac.	Credits	
ISLS401	Islamic Culture	2	-	2	ISLS 301
MG482	Mineralogy of Marine Sediments	2	3	3	MG 391 + EPS 201
MG483	Marine Carbonate Sediments	2	-	2	MG 391
MG484	Marine Paleoenvironments	2	3	3	MG 391
MG485	Coastal Processes	2	3	3	MG 482
	Free Course	-	-	1	-
<b>Elective</b>	<b>You may select from the following modules</b>				
		-	-	3	-
Total				17	
<b>Semester 8</b>					
<b>Mandatory</b>	<b>You must do the following modules</b>				
MG491	Marine Mineral Resources	2	-	2	MG 482
MG492	Geochemistry of Marine Sediments	2	3	3	MG 391
MG493	Remote sensing in Marine Geology	2	3	3	PHYS 110 + MG 484
MG494	Research Project	-	4	4	Dept. Approval
<b>Elective</b>	<b>You may select from the following modules</b>				
		-	-	3	-
Total				15	

### Electives

Code	Course Title	Units			Prerequisites
<b>You may select 9 Credits from 24 Credits</b>					
		Lec.	Prac.	Credits	

MG495	Marine Geophysics	2	3	3	MG 393
MG496	Geology of deep sea	2	-	2	MG381
MG497	Special Topics -1	2	-	2	-
MG498	Special Topics -2	2	-	2	-
MG499	Application of statistics in Marine Geology	2	-	2	Stat 110
MATH202	General Math 2	4	-	4	MATH 110
MSS220	Fundamental of Surveying	3	3	4	MATH 110
EMR203	Optical Mineralogy	2	3	3	EMR 202
EPS331	Introduction to Paleontology	1	3	2	EMR 201
Total				24	