

MSc in Energy – Curriculum Chart

Term 1

Courses	Credits	Code	Prerequisites	Type
Architectural Design and Energy 1	۳			R
Epistemological Foundations of Architectural Sciences in Islam	۲			R
Architect, Climate, and Peace	۲			R
Energy Analysis	۲			E
Total Credits	9			

Term 2

Courses	Credits	Code	Prerequisites	Type
Architectural Design and Energy 2	۳		Architectural Design and Energy 1	R
Active and Passive Systems	۲		-	R
Simulation of Energy in Buildings and Software Application	۲		-	E
Methods of Doing Research and Theses	۲		Architectural Design and Energy	E
Total Credits	9			

Term 3

Courses	Credits	Code	Prerequisites	Type
Urban Design and Energy	۴			
Systems and Methods of Building Assessment and Audit	۲			
Heat Transfer	۲			
Total Credits	8			

Term 4

Courses	Credits	Code	Prerequisites	Type
Thesis	6		Urban Design and Energy	
Total Credits	6			

Total Credits of Elective Courses: 10

Total Credits of Required Courses: 16

Total Credits of Thesis: 6

Total Credits: 32

Course Types: R=Required

E=Elective