



Sultan Qaboos University
Academic degree and Degree Plan of Postgraduate Studies Programs

College	Engineering		
Department	Civil and Architectural Engineering		
Degree Name	Master of Science	Degree	M.Sc.
Program / Major	Civil Engineering (Environmental Engineering)	Cohort	2018-2021
Specialization		Study Mode	<input type="checkbox"/> Full time <input type="checkbox"/> Part time <input checked="" type="checkbox"/> Both

Credit Required for Graduation	30		
Core Courses	Elective Courses	Thesis	
9	15	6	

Program Option		
<input checked="" type="checkbox"/> Courses and thesis	<input type="checkbox"/> Thesis Only	<input type="checkbox"/> Courses Only
<input type="checkbox"/> Courses & Examination		

Core Courses		
Course Code	Course Title	Credits
CIVL 6715	Chemistry & Microbiology of Water & Wastewater	3
CIVL 6780	Contaminant Transport Processes	3
CIVL6785	Municipal Distribution and Collection Systems	3
Total		9

Elective Courses		
Course Code	Course Title	Credits
CIVL 6150	Finite Element Method	3
CIVL 6380	Geoenvironmental Engineering	3
CIVL 6725	Physical-Chemical-Biological Treatment Processes	3
CIVL 6740	Industrial Waste Management	3
CIVL 6750	Air Pollution Engineering	3

CIVL 6760	Solid Waste Management	3
CIVL 6770	Advanced Wastewater Engineering	3
CIVL 6790	Environmental Fluid Mechanics	3
CIVL 6925	Groundwater Hydraulics	3
CIVL 6935	Surface Water Hydrology	3
CIVL 6970	Environmental Impact Assessment	3
CIVL 6700	Special Topics in Environmental Engineering	3
CIVL 6920	Fluvial Hydraulics	3
CIVL 6945	Advanced Hydraulic Structures	3
CIVL 6960	Watershed Management	3
CIVL6735	Membrane Treatment Process Modeling	
ENGR 6911	Advanced Engineering Management	3
ENGR6910 or	Advanced Engineering Probability & Statistics	3
ENGR6913	Advanced Engineering Mathematics	3
From other departments at SQU (maximum one course subjected to department approval)		
ENVR 6004	Environmental Management and Analysis	3
ERSC 6804	Hydro geochemistry	3
ERSC 6061	Environmental Site Assessment and Remediation	3
SOIL 6312	Soil & Groundwater Contamination & Clean-up	3
BIOR6008	Advance Modelling and Analysis of Bio-Physical Systems	3
Total		15

Thesis		
Course Code	Course Title	Credits
CIVL 7003	Research Thesis	6
Total		6

Approval and Signatures		
Program Coordinator:	Head Of Department:	Assistant Dean for Postgraduate Studies and Research:

Note: - New courses can be added.

- Please seal all pages when adding new pages.