



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 (Water Resources)	Cohort	2017-2020
Specialization		Study Mode	Full-time & Part-time

Credit Required	24		
Core Courses	Elective Courses	Thesis	
9	15	0	

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

Core Courses		
Course Code	Course Title	Credits
CIVL6785	Municipal Distribution and Collection Systems	3
CIVL 6925	Groundwater Hydraulics	3
CIVL 6935	Surface Water Hydrology	3
CIVL 7000	Research Project	0
Total		9

Elective Courses		
Course Code	Course Title	Credits
CIVL 6915	Stochastic Hydrology	3
CIVL 6920	Fluvial Hydraulics	3
CIVL 6940	Advanced Water Resources Engineering	3
CIVL 6945	Advanced Hydraulic Structures	3
CIVL 6950	Water Resources Planning and Management	3
CIVL 6955	Numerical Methods in Water Resources	3
CIVL 6960	Watershed Management	3
CIVL 6970	Environmental Impact Assessment	3

CIVL 6980	GIS Applications to Water Resources	3
CIVL 6990	Advanced Coastal Engineering	3
CIVL 6900	Special Topics in Water Resources	3
CIVL 6715	Chemistry & Microbiology of Water & Wastewater	3
CIVL 6725	Physical-Chemical-biological Treatment Processes	3
CIVL 6740	Industrial Waste Management	3
CIVL 6770	Advanced Wastewater Engineering	3
CIVL 6780	Contaminant Transport Processes	3
CIVL 6790	Environmental Fluid Mechanics	3
CIVL 6760	Solid Waste Management	3
ENGR 6911	Advanced Engineering Management	3
ENGR6910 or	Advanced Engineering Probability & Statistics	3
ENGR6913	Advanced Engineering Mathematics	3
Total		15

- Note: New courses can be added.

Signature:

Stamp: