



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

<b>College</b>	Engineering		
<b>Department</b>	Civil and Architectural Engineering		
<b>Degree Name</b>	Master of Science	<b>Degree</b>	M.Sc.
<b>Program / Major</b>	Civil Engineering (Water Resources)	<b>Cohort</b>	2022-onward
<b>Specialization</b>		<b>Study Mode</b>	<input type="checkbox"/> Full time <input type="checkbox"/> Part time <input checked="" type="checkbox"/> Both

<b>Credit Required</b>	30		
<b>Core Courses</b>	<b>Elective Courses</b>	<b>Thesis</b>	
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
CIVL6785	Municipal Distribution and Collection Systems	3
CIVL 6925	Groundwater Hydraulics	3
CIVL 6935	Surface Water Hydrology	3
<b>Total</b>		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 <u>or</u>	Advanced Engineering Probability & Statistics	3
ENGR6913	Advanced Engineering Mathematics	3
<b>Total</b>		15

<b>Thesis</b>		
Course Code	Course Title	Credits
CIVL 7003	Research Thesis	6
<b>Total</b>		6

<b>Approval and Signatures</b>		
<b>Program Coordinator:</b>	<b>Head Of Department: (Acting HoD)</b>	<b>Assistant Dean for Postgraduate Studies and Research:</b>
		

**Note: - New courses can be added.**

**- Please seal all pages when adding new pages.**