



# Sultan Qaboos University

## Academic Degree and Degree Plan of Postgraduate Studies Program

<b>College</b>	Agricultural and Marine Sciences		
<b>Department</b>	Soils, Water and Agricultural Engineering	<b>Degree</b>	MSc
<b>Program- Major</b>	Agricultural Engineering	<b>Cohort</b>	2023-2028
<b>Specialization</b>		<b>Mode of Study</b>	<input type="checkbox"/> Full time <input type="checkbox"/> Part time <input checked="" type="checkbox"/> Both





<b>Credit Required for Graduation</b>	<b>30</b>	
<b>Core Courses</b>	<b>Thesis</b>	<b>Elective Courses</b>
12	6	12

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
CAMS 6001	Advanced Statistics and Experimental Design	3
CAMS 6002	Research Methodology	3
SWAE 6004	CAD Applications in Irrigation Engineering	3
SWAE 6301	Advanced Controlled Environment Agriculture	3
<b>Total</b>		12

Elective Courses*		
Course Code	Course Title	Credits
SWAE 6009	Advanced Topics in SWAE	3
SWAE 6203	Non-destructive Testing Techniques for Biological Products	3
SWAE 6302	Precision Agriculture	3
SWAE 6303	Advanced Remote Sensing Techniques for Environmental Applications	3
SWAE 6311	Multiphase Flow and Chemical Transport	3
SWAE 6312	Soil & Groundwater Contamination and Clean-Up	3
SWAE 6405	Integrated Water Resources Management	3
FSHN 6008	Novel Methods in Food Preservation	3
MEIE 6013	Renewable Energy	3
<b>Total</b>		12

Thesis		
Course Code	Course Title	Credits
SWAE 7002	Thesis	6
Total		6

Approval and Signatures		
<b>Program Coordinator:</b>   <b>Dr. Daniel Blackburn</b>	<b>Head of Department:</b>   <b>Dr. Said Al Ismaily</b>	<b>Assistant Dean for Postgraduate Studies and Research:</b>    <b>Dr. Naser Al Habsi</b>

**\*Students are allowed to take two (2) higher level (4000 and above) undergraduate courses and any postgraduate courses outside the degree plan subject to the approval of the Head of Department and the Supervisor.**

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

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