

# MS AGRICULTURE, SPECIALIZATION IN ENVIRONMENTAL HORTICULTURAL SCIENCE

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## Program Learning Objectives

1. Demonstrate expertise in their respective discipline.
2. Develop, test or select the appropriate technology in their respective discipline.
3. Demonstrate effective communication skills.
4. Formulate decisions utilizing professional ethics.
5. Value the diversity of people and ideas.
6. Investigate problems using critical thinking and derive appropriate solutions.

### Required Courses

AG 581	Graduate Seminar	2
ESCI 501	Research Planning	4
PLSC 575	Applied Systematics for Agriculture	4
PLSC 597	Thesis in Environmental Horticulture Science	9
STAT 511	Statistical Methods	4
STAT 513	Applied Experimental Design and Regression Models	4
Select from the following:		8
PLSC 410	Crop Physiology	
PLSC 424	Nursery Crop Production	
PLSC 427	Disease and Pest Control Systems for Ornamental Plants	
<b>Approved Electives</b>		
Any 400 and 500 level courses approved by the student's graduate committee <sup>1</sup>		10
<b>Total units</b>		<b>45</b>

<sup>1</sup> At least 60% of all units required by the committee as reflected on the formal study plan must be at the 500 level.