

MS AGRICULTURE, SPECIALIZATION IN CROP SCIENCE

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

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| AG 581 | Graduate Seminar | 2 |
| ESCI 501 | Research Planning | 4 |
| PLSC 575 | Applied Systematics for Agriculture | 4 |
| PLSC 596 | Thesis in Crop Science | 9 |
| or PLSC 598 | Thesis in Fruit Science | |
| STAT 511 | Statistical Methods | 4 |
| STAT 513 | Applied Experimental Design and Regression Models | 4 |
| Select from the following: | | 8 |
| PLSC 410 | Crop Physiology | |
| PLSC 421 | Postharvest Technology of Horticultural Crops | |
| PLSC 445 | Cropping Systems | |
| PLSC 470 | Selected Advanced Topics | |
| or WVIT 470 | Selected Advanced Topics | |

Approved Electives

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| Any 400 and 500 level courses, approved by the student's graduate committee ¹ | 10 |
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| Total units | 45 |
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¹ At least 60% of all units required by the committee as reflected on the formal study plan must be at the 500 level.