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
- AEPS 575  Applied Systematics for Agriculture  4
- AEPS 596  Thesis in Crop Science  9
  or AEPS 598  Thesis in Fruit Science  9
- AG 581  Graduate Seminar  2
- ESCI 501  Research Planning  4
- STAT 511  Statistical Methods  4
- STAT 513  Applied Experimental Design and Regression Models  4

Select from the following:  8
- AEPS 410  Crop Physiology
- AEPS 421  Postharvest Technology of Horticultural Crops
- AEPS 445  Cropping Systems
- AEPS 470  Selected Advanced Topics
  or WVIT 470  Selected Advanced Topics

Approved Electives
- Any 400 and 500 level courses, approved by the student's graduate committee  10

Total units  45

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