



Program of Study (POS) for Master of Science

Review curriculum below and use fillable form on next page.

1. Required Core Courses

Course Number	Course Title	Credit Hours	Semester Offered
ALS 5155	Global Agroecosystems	3	Fall
AGR 6933/SWS 6931 ABE 6931/NEM 6931	Graduate Departmental Seminar	1	Any – Final Term
ALS 6031 or ABE 6933/AGG 5607	Building Skills in Agrobiography <i>or</i> Communicating in Academia	2 <i>or</i> 3	Fall <i>or</i> Spring
STA 6093	Intro to Applied Statistics (pre-req STA 2023)	3	Fall/Spring
AGR/SWS/AOM/ENY/NEM 6905	Non-thesis students only: Special Topics	2	Any – Final Term
AGR/SWS/AOM/ENY/NEM 6971	Thesis students only: Master's Research	Up to 6	Any

2. And select **two** of the following (one must correspond to your major)

AGR 5511	Crop Ecology	3	Fall
SWS 5050	Soils Environmental Professionals	3	Fall or Spring
AOM 6736	Principles and Issues in Environmental Hydrology	3	Fall
ENY 5006/5006L or NEM 5004C	Graduate Survey of Entomology Graduate Survey of Nematology	2+1 3	Fall/Spring/Sum C Spring

3. and **one each from two** of the following groups (one must correspond to your major)

Group 1 – Agronomy Focus Area

AGR 5444	Ecophysiology of Crops	3	Spring
AGR 6422C	Environmental Crop Nutrition	3	Fall

Group 2 – Soil and Water Focus Area

SWS 5246	Water Sustainability	3	Spring
SWS 5208	Sust. Agr & Urban Land Management	3	Fall

Group 3 – Engineering Focus Area

AOM 6735	Irrigation Principles and Management	3	Fall
ABE 6645C	Computer Simulation of Crop Growth and Management Responses	3	Summer

Group 4 – Entomology Focus Area

ENY 5707C	Plant Nematology	3	Spring
ENY 5236	Insect Pest and Vector Management	3	Summer C

4. Electives (as needed to reach the required number of credits – See plan of study for details)

