



Global Systems Agroecology concentration

Student Name: _____ UFID: _____

COURSES TOWARDS CONCENTRATION

* Indicates course contributes to Agronomy Major GPA in the PhD Degree

Course Number & Title	Credits	Year	Term	Campus or WEB	Grade
*ALS 5155 Global Agroecosystems	3		Fall		
*AGR 5511 Crop Ecology	3		Fall		
*AGR 5444 Ecophysiology of Crop Production	3		Spring		
*AGR6233 Tropical Grassland Agroecosystems	3		Fall odd		
SWS 5050 Soils for Environmental Professionals	3		Fall or Spr		
SWS5246 Water Sustainability	3		Spring		
Semester Abroad at Partner Institution * AGR 6905 Global Agro Intern	3				
Social Sci & Econ: _____	3				
Modeling: _____	3				
Ecology: _____	3 or 4				

Select one course from each of the three categories and place in chart above:

Social Science and Economics

- FNR6669 - Policy and Economics of Natural Resources (3 credits) (*highly recommended*)
- AGG5607 – Communicating in Academia (3 credits)
- AEC 5454 - Leadership Develop. for Extension & Community Nonprofit Organizations (3 credits)
- AEC 6325 - History and Philosophy of Agricultural Education (3 credits)
- AEC 6211 – Delivering Educational Programs in Agricultural Settings (3 credits)

Modeling

NOTE: Prerequisite for modeling courses: STA 6093 Intro to Applied Statistics or STA 6166 Statistical Methods 1 or equivalent

- ABE 5643C - Biological Systems Modeling (3 credits) (*highly recommended*)
- ABE 5646 - Biological and Agricultural Systems Simulation (3 credits)
- ABE 5015 - Empirical Models of Crop Growth & Yield Response (3 credits)
- ABE 6254 - Simulation of Agricultural Watershed Systems (3 credits)
- ABE 6644 - Agricultural Decision Systems (3 credits)
- ABE 6933 - Crop Simulation (3 credits)

Ecology

- PCB 5338 - Principles of Ecosystem Ecology (3 credits) (*highly recommended*)
- WIS 5496 - Research Design in Wildlife Ecology (Fall - 3 credits)
- WIS 5521 - Plant-Animal Interactions (every other year – 3 credits)
- WIS 5555C - Conservation Biology (Fall – 3 credits)
- PCB 6447C - Community Ecology (4 credits)

Partner Institution: _____ Mentor name: _____

Research Area: _____ Dates Abroad: _____

Projected Date of Partner Institution-Research Seminar: _____

GPA AUDIT IN PENULTIMATE TERM: Overall GPA: _____ Concentration: _____ Agronomy Major: _____