

# **School of Natural Resources**

## **Climate Assessment and Impacts Requirements – M. S.**

### **Program of Study**

Required courses are:

- minimum of 9 to 12 graduate credit hours in climate assessment and impacts courses approved by student's supervisory committee:

Required: 1. AMET 808: Microclimate: The Biological Environment  
2. AMET 850: Climate and Society  
3. AMET 869: Bio-Atmospheric Instrumentation or  
AMET 907: Agricultural Climatology

Choose 1 of the following:

METR: 853: Physical Climatology  
METR: 854: Regional Climatology  
Other Climatology or Climate Impact Course  
Remote Sensing or GIS Course  
Course approved by the climate assessment and impacts specialization advisory committee (see SNRS' graduate handbook for list of currently approved courses)

Note: Undergraduate course work may meet some of the course requirements listed above. However, the student wishing the climate assessment and impacts specialization is still required to take a minimum of nine hours of graduate level climatology, climate impacts, remote sensing, GIS, or others courses related to climate assessment and impacts.

- proficiency in quantitative methods at a level appropriate for the student's research and degree as approved by the supervisory committee (for the M.S., this will normally be at the level of multivariate statistics or equivalent)
- thesis topic in climate assessment or climate impacts or problem-oriented policy research
- the chair of the student's supervisory committee must be from the climate assessment and impacts faculty listed in the SNRS' graduate handbook
- Successful completion of the requirement will be indicated on the student's final transcript as "Natural Resource Sciences with a specialization in Climate Assessment and Impacts"

## **General Governance Procedures**

- Faculty will assist in the selection of graduate applicants wishing to specialize in climate assessment and impacts using the following guidelines:
  - The student must meet the SNR's minimum admission requirements.
  - In addition to the SNR's minimum admission requirements, the student should have an appropriate academic background in the agricultural, biological, physical, or social sciences. This minimum background should include 2 semesters of calculus. Students may be admitted with deficiencies as determined by the graduate committee.
  
- A suitable advisor within the climate assessment and impacts faculty must be identified.
  
- The student will formally declare the climate assessment and impacts specialization upon filing the Memorandum of Courses (MOC). The specialization will be noted on the MOC.
  
- Approval of the thesis topic must have the concurrence of the supervisory committee.