

# UW-Madison MS-Cart/GIS. Geography Degree Plan – Fall 2010

Name: \_\_\_\_\_ Advisor: \_\_\_\_\_ Campus ID: \_\_\_\_\_

**Committee**

\_\_\_\_\_

Cum GPA = \_\_\_\_\_

cum credits = \_\_\_\_\_

\_\_\_\_\_

BA/BS degree info: \_\_\_\_\_

Current term support: \_\_\_\_\_

Fall 2010= \_\_\_\_\_ semester of funding

Remaining funding guarantee= \_\_\_\_\_ semesters

Started MS-Cart/GIS \_\_\_\_\_

**Breadth Requirements**

*Date Planned/Completed*  
(Note – “waived” if completed prior to this degree program)

Quantitative methods \_\_\_\_\_  
 Mathematics 1 \_\_\_\_\_  
 Mathematics 2 \_\_\_\_\_  
 Geography 1 \_\_\_\_\_  
 Geography 2 \_\_\_\_\_

**Program Requirements**

*Date Planned/Completed - Course*

Geography 765 (Intro Grad Sem) \_\_\_\_\_  
 Geography 766 (thesis proposal) \_\_\_\_\_  
 Geography 370 (Intro Cart) \_\_\_\_\_  
 Geography 377 (Intro GIS) \_\_\_\_\_  
 Geography 378 (Geocomputing) \_\_\_\_\_  
 Core course 1 \_\_\_\_\_  
 Core course 2 \_\_\_\_\_  
 Geography 970 (seminar - 3 cr) \_\_\_\_\_

MS Geography (terminal)  
MS-Cartography/GIS  
requires 22 grad credits

———— YEAR 1 ————

Semester 1 | Geog 765  
coursework  
set advisor

Semester 2 | Geog 766  
coursework  
set committee  
thesis proposal

Summer (Yr1) | thesis research

———— YEAR 2 ————

Semester 3 | thesis research  
coursework

Semester 4 | write thesis  
defend thesis

**Defense**

*Date Completed*

Request final warrant \_\_\_\_\_  
(3 weeks before defense!)

Final oral exam \_\_\_\_\_  
 Thesis defense \_\_\_\_\_  
 Thesis deposit \_\_\_\_\_

**New/Updated information and notes:**

The Student, Thesis Advisor and Sub-Area Counselor should sign below, indicating agreement about the plans for future completion recorded on this form.

Student \_\_\_\_\_

Date \_\_\_\_\_

Thesis Advisor \_\_\_\_\_

Date \_\_\_\_\_

Sub-Area Counselor \_\_\_\_\_

Date \_\_\_\_\_

Return updated form to the Graduate Director.

# **UW-Madison MS-Cart/GIS. Geography Degree Plan – Fall 2010**

## **Degree plan notes:**

1. Minimum 24-26 credits
  - 16 credits must be taken as a UW-Madison grad student
  - Coursework may include up to 6 credits of Geog 990
  - Maintain GPA = 3.0
2. Breadth Requirements –
  - a) Quantitative methods
  - b) 2 courses in mathematics
  - c) 2 intermediate or advanced courses in geography
    - These courses can count for both Breadth Requirements AND Degree Requirements.
    - Typically, these are not seminars
3. Degree Requirements:
  1. Geog 765 + Geog 766
  2. Geog 370 (Intro Cart)
  3. Geog 377 (Intro GIS)
  4. Geog 378 (Geocomputing)
  5. Two courses (6-8 credits) of
    - Geog 371 (History of Cart)
    - Geog 570 (Problems in Cart)
    - Geo 572 (Graphic Design in Cart)
    - Geog 575 (Animated and Web-based Mapping)
    - Geog 577 (Environmental Modeling with GIS)
    - Geog 578 (GIS Applications)
  6. Geog 970 (GIScience Seminar)
  7. Master's thesis
  8.
    - Proposal is typically completed in Geog 766 (2<sup>nd</sup> semester)
    - Research/data analysis typically completed in summer + 3<sup>rd</sup> semester
    - Final draft submitted and defended in 4<sup>th</sup> semester +/- summer.
4. Advisor and Committee
  - Your Advisor, who is also the chair (or co-chair) of your Committee must be graduate faculty in Geography (or affiliated with Geography).
  - Your Committee must have a minimum of 3 members, two of whom must be graduate faculty (or former grad faculty up to one year after resignation/retirement).