

# UW-Madison MS-Cart/GIS (thesis option) Degree Plan – current term

Name  
**Committee**

Advisor:  
Current term support:

CampusID

Cum GPA =

BA/BS degree info:

Current term = **nth** semester of funding  
Remaining funding guarantee=**x** semesters  
Started MS-Cart/GIS (initial degree term)

## **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  
Geography 766 (thesis proposal)  
Geography 370  
Geography 377  
Geography 378  
Core course 1  
Core course 2  
Geography 970 (3 credits)

## **Credit Requirements**

*30 credits required*

Cumulative + in progress credits  
Required credits still needed

## **Graduate Coursework Requirement – 15 credits required**

<u>Courses</u>	<u>Credits earned</u>	<u>TOTAL</u>
		Completed:
		remaining:

## **Defense - Request final warrant 3 weeks before defense!**

To request your warrant, email Title, defense date, committee membership to Graduate Program Director

**New/Updated information and notes:**

# UW-Madison MS-Cart/GIS Degree Plan

**Degree plan notes:**

- Minimum credits
  - 30 credits (16 credits must be taken as a UW-Madison grad student).
  - Minimum of 15 credits must be graduate coursework
- Maintain GPA = 3.0
- Breadth Requirements –
  - Quantitative methods
  - 2 courses in mathematics
  - 2 intermediate or advanced courses in geography

One of these courses can count for both Breadth Requirements AND Degree Requirements.  
Typically, these are not seminars
- Degree Requirements:
  1. Geog 765 (1 cr) + Geog 766 (3 cr)
  2. Geog 370 (Intro Cart) (4 cr)
  3. Geog 377 (Intro GIS) (4 cr)
  4. Geog 378 (Geocomputing) (3 cr)
  5. Two core courses (6-8 credits) of
    - Geog 570 (Problems in Cart) (3-4 cr)
    - Geo 572 (Graphic Design in Cart) (4 cr)
    - Geog 575 (Interactive Cartography and Geovisualization) (4 cr)
    - Geog 577 (Environmental Modeling with GIS) (3 cr)
    - Geog 578 (GIS Applications) (4 cr)
    - Geog 579 (GIS and Spatial Analysis) (4 cr)
  6. Geog 970 (GIScience Seminar) (3 cr)
  7. Master’s thesis
    - 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.
- 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 must be UW-Madison graduate faculty (or former grad faculty up to one year after resignation/retirement).
    - two must be affiliated with Geography

Excerpt from Satisfactory Progress Criteria:

Benchmarks and triggers for probationary status are shown in the following table.

	Expected Progress	Unsatisfactory Progress
<b>Geography M.S. Students</b>		
M.S. Completion	End of 4 <sup>th</sup> semester	12 <sup>th</sup> week of 5 <sup>th</sup> semester
<b>PhD Students</b>		
M.S. Completion	Start of 1 <sup>st</sup> semester	12 <sup>th</sup> week of 1 <sup>st</sup> semester
Breadth Requirements	End of 2 <sup>nd</sup> Semester	End of 4 <sup>th</sup> semester*
General Prelim Exam	Start of 5 <sup>th</sup> semester	N/A†
Dissertator Status	End of 6 <sup>th</sup> Semester	End of 8 <sup>th</sup> semester*