



**Ph.D. in Earth Systems and Geoinformation Sciences (ESGS)**

The student develops a detailed program of study including GMU coursework taken in degree status as well as graduate courses taken prior to admission. All committee members and the graduate coordinator must approve the program of study as documented on this form.

STUDENT NAME: \_\_\_\_\_ G# \_\_\_\_\_ Date: \_\_\_\_\_

Telephone: \_\_\_\_\_ GMU E-mail: \_\_\_\_\_

Student Catalog Year: \_\_\_\_\_

**DISSERTATION COMMITTEE**

**Signature**

**Date**

\_\_\_\_\_  
Member & Affiliation

\_\_\_\_\_  
Member & Affiliation

\_\_\_\_\_  
Member & Affiliation

**Dissertation Chair**

Student

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Graduate Coordinator

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**SUMMARY OF CREDIT HOURS**

(42 MINIMUM CREDITS MUST BE EARNED AT GMU IN Ph.D. DEGREE STATUS\*)

Credits from Previous Graduate Study: \_\_\_\_\_

Non-degree Credits:<sup>1</sup> \_\_\_\_\_

In-degree Credits: \_\_\_\_\_

Research Hours:<sup>2</sup> \_\_\_\_\_

Grand Total Credits: \_\_\_\_\_

Please see next page

<sup>1</sup> No more than 12 credit hours may have been earned in [non-degree status](#)

<sup>2</sup> A total of 24 credits of GGS 998-999 are required



Department of Geography and Geoinformation Science  
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 Phone: (703) 993-1210, Fax (703) 993-9299  
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**PROGRAM OF STUDY**

FORM 3  
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For more information on available courses and requirements please refer to the following link  
[http://catalog.gmu.edu/preview\\_program.php?catoid=15&poid=5719&returnto=983](http://catalog.gmu.edu/preview_program.php?catoid=15&poid=5719&returnto=983) . **THIS FORM IS TO BE COMPLETED BY STUDENTS REGISTERED PRIOR TO FALL 2013**

STUDENT NAME: \_\_\_\_\_ G# \_\_\_\_\_ Date: \_\_\_\_\_

Telephone: \_\_\_\_\_ GMU E-mail: \_\_\_\_\_

Student Catalog Year: \_\_\_\_\_

COMPUTATIONAL- QUANTITATIVE CORE <sup>1</sup>	CR HRS	INSTITUTION	SEMESTER	GRADE
GEOSCIENCES-GEOGRAPHY CORE <sup>2</sup>				
GEOINFORMATION SCIENCES CORE <sup>3</sup>				
ESGS CONCENTRATION REQUIREMENTS <sup>4</sup>				
SEMINAR/COLLOQUIUM COURSES <sup>5</sup>				
CONCENTRATION ELECTIVES <sup>6</sup>				
DISSERTATION REQUIREMENT <sup>7</sup>				

<sup>1</sup> 6 credits of Computational-Quantitative Core Courses  
<sup>2</sup> 6 credit hours of courses selected from Geoinformation-Geography Core area  
<sup>3</sup> 6 credit hours of Geoinformation Sciences Core Courses  
<sup>4</sup> 6 credit hours of Concentration Courses  
<sup>5</sup> 3 credits of Seminar/Colloquium Courses  
<sup>6</sup> 21 credit hours of Elective Courses after consultation with advisor  
<sup>7</sup> 24 credit hours of Dissertation research GGS 998 and GGS 999

Submit completed forms with committee signatures to the GGS Department Office for final approval and processing.