Master of Science in Integrated Scientific Applications (MSISA)  
**Geoinformatics (GI)**

2012-2013  
36 Credits  
Major Sequence and Degree Requirements

I. Admission Requirements  
Applicants must provide an official transcript from all institutions of higher education attended, and verify completion of a baccalaureate degree from an accredited institution with a minimum of a 2.75/4.00 cumulative grade point average. Applicants must also submit an official score from the GRE, GMAT, or MAT test that was taken within three years of the date of application. A resume and telephone interview are required.

II. Core Courses (24 s.h.)  
- BSN 511 Business Operations and Analysis (4)  
- ISS 570 Information Analysis (3)  
  or EMGT 633 GIS Applications (3)  
- BSN 512 Accounting and Finance (4)  
- BSN 514 Strategic Management/Leadership (4)  
- ECON 507 Environmental Economics (3)  
- MATH 535 Statistical Methods (3)  
- ISCA 698 Field Experience Practicum (3)

IV. Specialized Courses (12 s.h.)  
(Choose 4 courses)
- BIOL 647 Chesapeake Bay Systems (3)  
- ISCA 570 Remote Sensing and Image Interpretation (3)  
- ISCA 571 Spatial Data Structures (3)  
- ISCA 671 Earth Imaging and Data Processing (3)  
- ISCA 672 Advanced GIS w/ Geoinformational Case Studies (3)  
- EMGT 6XX Technical/Professional Writing for Emergency Planning

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http://www.millersville.edu/graduate/admissions/MSISA.php