INTEGRATED SCIENTIFIC APPLICATIONS, M.S.

Degree Requirements
The MSISA consists of 30 graduate credits. The professional specializations within the MSISA include Weather Intelligence and Risk Management (WIRM), Geoinformatics (Gi), Environmental Systems Management (ESM) and Climate Science Applications (CSA). Visit mville.us/msisa (http://www.mville.us/msisa/) for additional information, or email gradadmissions@millersville.edu.

Climate Science Applications (CSA)
Major in Integrated Scientific Applications

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<th>Code</th>
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<th>Hours</th>
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<td>Credits Required for Major</td>
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**CORE COURSES**
Business Operations and Analysis
- BUAD 653 at Millersville, EMGT 629 Continuity Planning, or Take BSN 511 at Shippensburg University

GIS Applications or Information Analysis - Choose 1 of the following: 3
- EMGT 633 GIS Applications for Emer Mgmt
- EMGT 691 Ind Stdy: (Ind Stdy: Python Int Stds)

Accounting and Finance
- Take BSN 512 at Shippensburg University or MATH 695 Topics: Financial Math

Strategic Management/Leadership
- Take BUAD 670 at Millersville or BSN 514 at Shippensburg University

- ECON 507 Environmental Econ and Policy 3
- MATH 535 Statistical Methods 1 3
- EMGT 693 Field Experience Practicum 3

A Concentration is Required.
A concentration must be declared with this degree. Options are: Weather Intelligence and Risk Management, Geoinformatics, Climate Science Applications, Environmental Systems Management, or Space Weather Environment

Total Hours 12