

THE UNIVERSITY OF NORTH CAROLINA AT ASHEVILLE

FACULTY SENATE

Senate Document Number 1311S

Date of Senate Approval 01/20/11

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Statement of Faculty Senate Action:

APC Document 6: Add new course, ATMS 325, Geographic Information Systems in Meteorology

Effective Date: Fall 2011

1. **Add:** On page 82, new course, **ATMS 325:**

**325 Geographic Information Systems in Meteorology (3)**

Introduces students to the field of Geographic Information Systems (GIS) and demonstrates its applications to meteorology, climatology, and hydrology. Through a series of lectures and computer lab exercises, students will gain an understanding of basic GIS theory, principles, software, and data formats. They will learn how GIS is being utilized in the Atmospheric Sciences and Meteorological communities. Prerequisite: ATMS 205 or permission of instructor. See department chair.

**Impact:**

This course is an elective for the ATMS major or minor and thus has no impact in graduation requirements. This class was taught as a special topics course (ATMS 373) in Spring 2010 and is being taught in Spring 2011. Moving it to a permanent course number will not result in any staffing or other course changes.

**Rationale:**

This course has been periodically offered as a special topics course in ATMS. Dr. Christopher Godfrey will offer this class every other year, therefore it makes sense to create a permanent course number for GIS in Meteorology. All faculty in ATMS are in agreement with this proposal.