

# Course Schedule - Summer 2005

## Atmospheric Sciences

### 100 **Introduction to Meteorology** Credit: 3 hours.

(ATMOS 100) Introduces the student to the basic concepts and principles of atmospheric science in a descriptive format; emphasizes the physics responsible for changes in the weather; uses current weather information to illustrate textbook material.

This course satisfies the General Education Criteria for a Physical Sciences, and Quant Reasoning II course.

Students must register for one discussion and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
30297	lecture-discussion	A	09:00 AM - 10:50 AM	MTR	room 390 Lincoln Hall	Charlevoix-Romine, D; Jackman, S; Guarente, B
30297: Physical Sciences, and Quant Reasoning II course.Meets 13-Jun-05 - 04-Aug-05.						

### 120 **Severe and Hazardous Weather** Credit: 3 hours.

(ATMOS 120) Most extreme manifestations of weather and climate are analyzed in terms of their physical basis and their historical, economic and human consequences. Emphasis is placed on the interplay between technological advances, the evolution of meteorology as a science, and the impacts of extreme weather (winter storms, floods, severe thunderstorms, hurricanes, El Nino). Technological advances include satellites, weather radars and profilers, and computer models used for weather prediction.

This course satisfies the General Education Criteria for a Physical Sciences course.

CRN	Type	Section	Time	Days	Location	Instructor
30298	lecture-discussion	C	11:00 AM - 12:50 PM	MTR	room 390 Lincoln Hall	Schneider, E; Charlevoix-Romine, D
30298: Physical Sciences course.Meets 13-Jun-05 - 04-Aug-05.						

### 596 **Non-Thesis Research** Credit: 4 hours.

(ATMOS 496) Non-thesis research in the Atmospheric Sciences. Restricted to students in the non-thesis option. Approved for S/U grading only.

CRN	Type	Section	Time	Days	Location	Instructor
30299	conference	A	ARRANGED			
30299: Meets 13-Jun-05 - 04-Aug-05.						