

EAPS 53000

**ATMOSPHERIC
RADIATION
AND
RADIATIVE
TRANSFER**

ATMOSPHERIC PHYSICS II

❖ **Course Description:** A quantitative introduction to topics in atmospheric physics valuable for advanced undergraduates, and beginner-level graduate students interested in atmospheric, planetary and oceanic sciences. The topics include the basics of interactions of radiation (solar and infrared) with the atmosphere, and radiative transfer in cloudy and hazy atmospheres, advanced topics in atmospheric thermodynamics, such as molecular spectroscopy, and planetary atmospheres.

Course Details:

Offered Every Spring

Spring 2025 Schedule: Tuesdays,

Thursdays 9 - 10:15 AM HAMP 3214

❖ **For More Information**

Contact Instructor

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