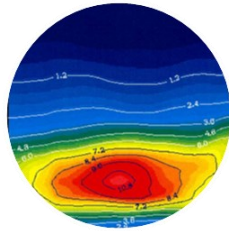


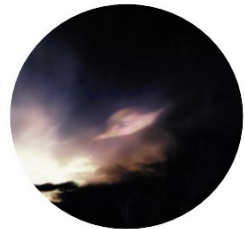
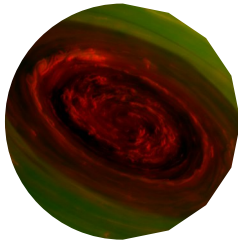
## Research Activities at Atmospheric & Planetary Sciences

Middle Atmosphere Ozone  
Trends and Chemistry



Solar Variability Effects  
on the Atmosphere

Space Storms  
and Hurricanes



Polar Stratospheric  
and Mesospheric Clouds

Lidar and Related



Chairperson and Associate Professor  
Dr. Robert Loughman

Endowed & Distinguished Professors  
Dr. M. Patrick McCormick  
Dr. James M. Russell, III  
Dr. William Grose  
Dr. William Smith

Associate Professor  
Dr. William Moore

Associate Research Professor  
Dr. John Anderson

Assistant Professor  
Dr. Kunio Sayanagi  
Dr. John McNabb  
Dr. Ping-ping Rong  
Dr. Ismail Yucel  
Dr. Stanislav Kireev

Research Assistant Professors  
Dr. Nicholas Heavens  
Dr. Jia Yue

### **Atmospheric & Planetary Sciences**

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# Minor in Space, Earth, and Atmospheric Sciences (SEAS)

 Atmospheric & Planetary Sciences  
Hampton University  
Hampton, Virginia

## Atmospheric & Planetary Sciences (APS)

has three main objectives:

- Fundamental Research
- Education
- Community Outreach

The Atmospheric and Planetary Sciences (APS) department is devoted to increasing the participation of minorities in the fields of Space, Earth, and Atmospheric Sciences with concentration either in Atmospheric Sciences or in Planetary Sciences. Courses within the minor help educate students on some of the most important current scientific issues including global warming, the ozone hole, space exploration, and deforestation. The department works closely with NASA, the National Oceanic and Atmospheric Administration, and the National Science Foundation, as well as other institutions.



## The Space, Earth, and Atmospheric Sciences (SEAS)

Offers scholarships and research opportunities with NASA, NOAA, and NSF

Prepares students for careers and graduate studies in space, earth, and atmospheric sciences

Addresses the national need to educate and employ under-represented minorities

Develops the next generation of explorers and scientists



## Who Should Apply:

- Biology
- Chemistry
- Computer Science
- Environmental Sci.
- Planetary Sci.
- Engineering
- Marine Science
- Mathematics
- Physics
- Geophysics
- Astronomy
- Physical Oceanography

Students in other majors with a strong interest in SEAS should consult Atmospheric & Planetary Sciences for advising.

## Course Requirements:

The minimum requirements for the minor consist of 18 credit hours.

- Astronomy of the Stars and Galaxies
- Meteorology
- Earth and Planetary Science

## Courses include:

Courses within the minor help educate students on some of the most important current scientific issues including global warming, the ozone hole, space exploration, and deforestation.

