PURDUE UNIVERSITY | Department of Earth, Atmospheric, and Planetary Sciences

PLANETARY SCIENCES

TYPICAL STUDENT...

- Enjoys investigative research
- Excels at practical, hands-on problems and solutions
- Thinks "outside the box"
- Pays close attention to details
- Values integrity
- Thinks analytically
- Is dependable and responsible
- Works with a cooperative attitude
- Enjoys working with forms, designs, and patterns

INSIDER INFORMATION

- Small class sizes
- 4:1 student-to-professor ratio
- Small professor-to-student and student-to-advisor ratios allow for strong long-term relationship building
- Flexible curriculum allows for a focus on one of the planetary areas: atmospheric science, geology, astrobiology, chemistry, physics, astronomy, exploration, etc.
- General science foundation prepares students for a wide variety of science careers
- Preparation for advanced study in graduate school
- Flexible plan of study allows for study abroad
- Undergraduate research and honors opportunities in a variety of areas

COURSEWORK

EAPS COURSES

- Intro to Earth or Atmospheric Science
- EAPS 10500: Planets
- EAPS 39100: Astrobiology
- EAPS 45100: Engineering Design
- EAPS 55600: Planetary Geology
- EAPS 55700: Remote Sensing of Planets
- EAPS 30900: Computer Aided Analysis

OTHER COURSES

- ASTR 36300: The Solar System
- Calculus 1-3 (MA 16100/16500 + 16200/16600 + 26100)
- MA 26200: Linear Algebra/Differential Equations
- General Chemistry (CHM 11500 + 11600)
- Physics (PHYS 17200 + 27200)
- Computer Programming (CS 17700)
- Statistics
- Written Communication and Presenting
- Foreign Language
- Humanities
- Great Issues in Science

CONTACT US

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MEDIAN ANNUAL SALARY

(Typical pay range for doctoral or advanced degrees)

$139,220

JOB OUTLOOK

Projected Growth (2022-2032) faster than average (5%)

Projected Growth in Job Openings (2022-2032) – 1,100

TOP INDUSTRIES

Federal Government

Scientific Research and Development Services

Source:

Bureau of Labor Statistics, search physicists and astronomers

CAREER AREAS

Astronaut

Surface/Planetary Geology

Remote Sensing

Planetary Chemistry

Space Exploration

Astrobiology

Education