



# UNIVERSITY OF CHIETI-PESCARA



## Master's degree in PLANETARY SCIENCES

<https://www.ingeo.unich.it/pagina-about-us-1659>

**Degree:** PLANETARY  
SCIENCES

**Degree Class:** LM 74

**Duration:** 2 years

**ECTS credits:** 120

**Language:** English

**Department of  
ENGINEERING AND  
GEOLOGY**

**Director of Department**

Prof. Sergio Montelpare

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**Location**

Pescara Campus

**Course Coordinator**

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**Student office**

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**International Welcome  
Office**

[hello@unich.it](mailto:hello@unich.it)



## COURSE DESCRIPTION

The master in Planetary Sciences at the Università d'Annunzio, Chieti-Pescara provides a comprehensive knowledge of planetary bodies, through the study of planetary geology, remote sensing, Earth analogues studies, theoretical modelling, planetary astrophysics, spacecraft instrumentation and space mission development, and Earth observation. The Master's program has two tracks: Planetary Sciences and Space Exploration, and Earth Observation. The course will provide graduates the skills necessary to participate in the dynamic space sector in Europe and in the world. The faculty members of the international master's degree program are currently involved in many international space missions as well as multiple funded planetary sciences research projects.

## CAREER OPPORTUNITIES

The skills acquired in the Planetary Sciences course can be applied in the following fields:

**National and international space agencies conducting planetary and Earth observation missions;**

**Aerospace and scientific instrumentation companies;**

**Universities and public research centres;**

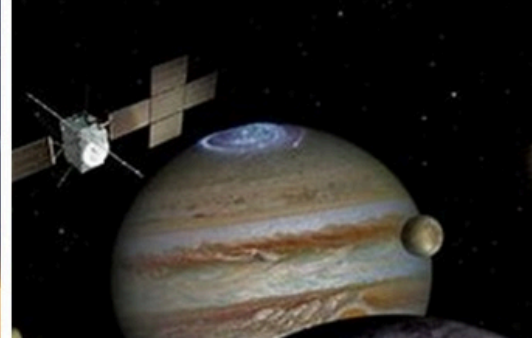
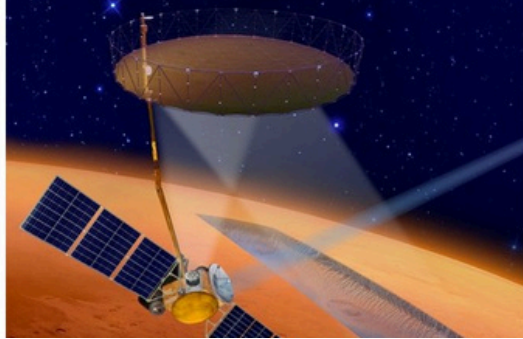
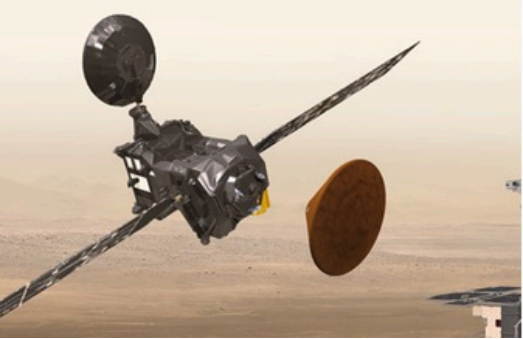
**Private research centres;**

**Science education;**

**Scientific journalism.**

## ADMISSION REQUIREMENTS

- Hold a first-level degree and have a solid foundational knowledge in all areas of psychology: the psychophysiological processes underlying behavior, general psychology, social psychology, developmental psychology, clinical psychology, the dynamics of human relationships, psychological research methodologies, statistical and psychometric methods, and computer-based data processing procedures.
- Knowledge of the English language at a level not lower than B2 of the Common European Framework of Reference (CEFR).



## COURSE ORGANIZATION

The MSc program lasts 2 years and awards 120 ECTS:

- **First Year** – From September to May:
- **Second Year** – From September to May

## STUDY PLANE

### 1st year

Course	ECTS
1) Planetary astrophysics	6 ECTS
2) Extreme geology events on Earth and planetary bodies	6 ECTS
3) Geophysical exploration of the Solar System	6 ECTS
4) One optional course among:	
• Solar System exploration	6 ECTS
• Introduction of astrobiology	6 ECTS
• Astrobiology	6 ECTS
5) Comparative sedimentology	6 ECTS
6) One optional course among:	
• Planetary analogues field work	6 ECTS
7) Global changes	6 ECTS
8) Planetary materials	6 ECTS
9) Planetary mapping and data processing	6 ECTS
10) Planetary geology	6 ECTS

### 2nd year

Course	ECTS
11) Planetary interiors	6 ECTS
12) Earth observation analysis	6 ECTS
13) One optional course among:	
• Remote sensing for planetary exploration	6 ECTS
• Astrobiology	6 ECTS
14) One optional course	6 ECTS
Internship	6 ECTS
Master thesis	30 ECTS



# USEFUL INFORMATION



**INGENIUM**  
European University



## European University Alliance

**INGENIUM**, the Alliance of Diversity, committed to local and global challenges

University of Chieti-Pescara is a full partner of INGENIUM European University Alliance

INGENIUM is an alliance of ten institutions of higher education from ten European countries. Studying at the University of Chieti-Pescara means studying at all INGENIUM universities.

You will be able to move freely between the ten campuses and fully experience the INGENIUM spirit.

For more information <https://ingenium-university.eu/>

## To reach the University of Chieti-Pescara:

In **Pescara**, there is an **international airport** connected to several cities across Europe.

The **intercontinental airport of Rome Fiumicino** is about **3 hours away by bus or train**.

## Upon arrival in Chieti-Pescara

- Application for a residence permit for STUDY
- Application for an Italian tax code (Codice Fiscale)
- Registration with the National Health Service

## Scholarships

When officially enrolled at the University of Chieti-Pescara, a student can apply for grants from the Regional agency for the Studies Rights - ADSU

## SERVICES

### Student office open:

**Tuesday and Thursday:**  
**10.00-12.00**

### Study regulation:

<https://www.unich.it/sites/default/files/2024-12/Manifesto%20tradotto.pdf>

### Fees regulation:

<https://www.unich.it/sites/default/files/2024-12/Tasse%20e%20Contributi%20tradotto.pdf>

**List of courses:** <https://en.unich.it/node/147>

## University guide

[https://www.unich.it/sites/default/files/2024-09/3\\_university\\_guide.pdf](https://www.unich.it/sites/default/files/2024-09/3_university_guide.pdf)

## Living costs in Chieti-Pescara

**Chieti and Pescara**, neighboring cities in the Abruzzo region of Italy, offer a relatively affordable cost of living compared to larger Italian cities.

**Rent:** Around €200/300 per month for a room in shared apartment – €500/600 for accommodation in private campus

**Food:** Groceries budget is about €150–€250 per month.

**Eating Out:** A cheap meal costs about €15–€20; a mid-range dinner for one is around €30.