

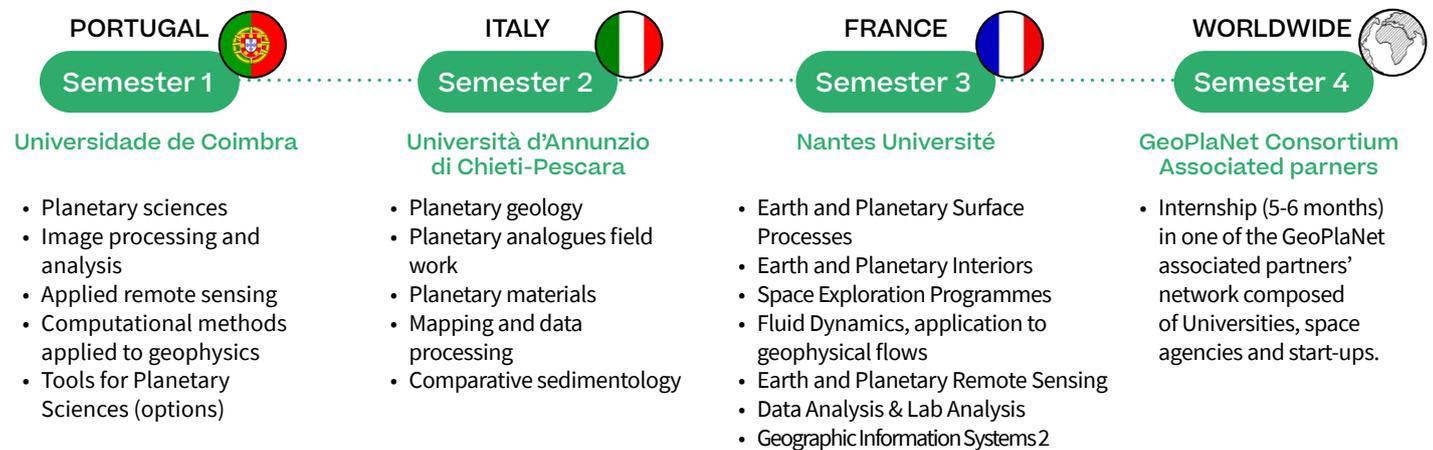
# Erasmus Mundus Joint Master in Planetary Geosciences - GeoPlaNet

The GeoPlaNet EMJM in Planetary Geosciences aims to train the future cohort of tomorrow's best engineers and researchers with a unique and world competitive European learning experience based on a strong education by research.

It will prepare them to design, analyse and interpret the data of the future space missions and to address the many challenges of the oncoming Earth and Planetary exploration programmes.

It aims at developing students research and numerical skills, the use of VR tools and the creation of collaborative virtual universes for space exploration, in an international and multidisciplinary environment.

## Programme



## Highlights

- A Master to prepare tomorrow's researchers to design, analyse and interpret the data of the future space missions.
- A unique and world competitive European learning experience based on education by research.
- International mobility educational programme: universities of Coimbra, Pescara/Chieti and Nantes along with a research internship with GeoPlaNet associated partners' network - Space exploration centers and academies worldwide including ESA and NASA
- A visit of the European Space Research and Technology Centre (ESTEC)
- Fieldwork in Morocco or Spain and field trips in Italy
- World-renowned guest lecturers
- An opportunity to become acquainted with different cultures, languages, learning and working methods
- A joint Diploma, delivered by 3 European universities



## Skills

- Acquire state-of-the-art knowledge in Earth and Planetary Sciences
- Develop top-level research skills in an international collaborative environment
- Analyze and interpret multidisciplinary data using advanced techniques and numerical tools
- Communicate on the latest advances in the field, in a synthetic and pedagogical manner
- Develop capacity for language learning, fluency in English and basic knowledge in Portuguese, Italian and French

# Career opportunities

The EMJM in Planetary Geosciences creates a number of opportunities in the academic or private sectors of geosciences and space exploration:

- Engineer in field geology/geophysics
- Engineer in remote sensing/geomatics
- Engineer in instrumentation for geosciences and space exploration
- Consultant/Project manager related to Geosciences and Space exploration
- Science Officer in research organisations/companies
- Earth and Planetary data scientist
- Research engineer in Earth and Planetary data acquisition, processing, experimentation, instrumentation, numerical modelling
- Academic/researcher in Earth and Planetary Sciences



## Research-based training

Nantes Université and the Laboratoire de Planétologie et Géosciences

[www.lpg-umr6112.fr](http://www.lpg-umr6112.fr)



Università d'Annunzio di Chieti-Pescara and the International Research School of Planetary Sciences (IRSPS)

<https://www.irspis.eu/>



Universidade de Coimbra and the Centre for Earth and Space Research (CITEUC)

[www.citeuc.pt/index.php](http://www.citeuc.pt/index.php)



## Admission

Applicants must have:

› **Bachelor's degree** in Earth sciences, physics, mathematics, astrophysics, geology or engineering.

› **English skills:** At least B2 level (between 5 and 6.5 IELTS) or a diploma from a university in an English-speaking country

+ More details on the application process on GeoPlaNet's website.



## Scholarships

*Erasmus Mundus Scholarships*

As part of the EMJM support, this programme benefits from scholarships covering the cost of students' participation in the programme, travel and a living allowance.

*Non-Scholarship Holders*

The Master also welcomes a few numbers of Non-Scholarship Holder Students with personal funding or other financing options.

+ More details on costs, scholarships and funding opportunities available on GeoPlaNet's website.



## Contact

[IMPG@univ-nantes.fr](mailto:IMPG@univ-nantes.fr)

<https://geoplanet-impj.eu/>

