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 Erasmus+ Programme  
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# AstroMundus

## International Joint Master's degree in Astronomy and Astrophysics

**AstroMundus** is a 2-year  
**Erasmus+ Erasmus Mundus Joint Master Degree**  
**programme in Astronomy & Astrophysics**  
 (120 ECTS) offered by a consortium of  
**5 universities in Austria, Italy, Germany & Serbia**  
 with the participation of  
**4 associated partners in Italy, Serbia & Germany.**

# AstroMundus

AstroMundus students carry out their master's studies in at least two and up to four of these countries with the following four-semester sequence:

1st semester: ●

•University of Innsbruck

Concepts of Galactic Astrophysics, Concepts of Extragalactic Astrophysics, Concepts of Physics for Astrophysics, Advanced Mathematical Methods for Astrophysics, and courses at choice.

2nd semester: Choice of: ● ●

•University of Padova

Astronomical Spectroscopy, Theoretical Astrophysics, Cosmology, Galaxy Dynamics, and courses at choice.

•University of Rome Tor Vergata

Physics and Gravitation, Relativity and Cosmology 1, Stellar Astrophysics, and courses at choice.

3rd semester: Choice of: ● ● ●

•University of Göttingen

Active Galactic Nuclei, Stellar Structure and Evolution, Stellar Atmosphere, and courses at choice.

•University of Belgrade

Spectroscopy of Astrophysical Plasmas, Physics of Gaseous Nebulae and Active Galactic Nuclei, and courses at choice.

•University of Rome Tor Vergata

Astrophysics Laboratory, Relativity and Cosmology 2, and courses at choice.

4th semester: ● ● ● ● ●

Master's thesis at one of the five universities.

Topics include: Galactic and Stellar Astrophysics, Solar Astrophysics & Space Weather, Extrasolar Planets, Extragalactic Astrophysics, Active Galactic Nuclei, Cosmology, Astroparticle Physics, Gravitational Waves, Observational Astrophysics, Computational Astrophysics and Particle Cosmology.

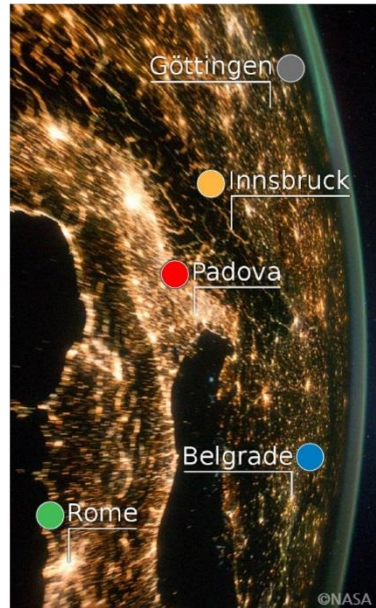
With the participation of the following associated partners:

Istituto Nazionale di Fisica Nucleare – Gran Sasso Science Institute (INFN - GSSI)

Istituto Nazionale di Astrofisica (INAF)

Astronomical Observatory of Belgrade (AOB)

Max Planck Institute for Solar System Research (MPS)



Objective of the Programme:

The main objective of the programme is to provide top-ranked students with an excellent background in Astrophysics, introduce them to the world of modern astrophysical research, and foster their future career in this field. Currently 90% of our alumni are enrolled in PhD programmes.



The official language of the course is English.

More details on the curricula can be obtained from: [www.astromundus.eu](http://www.astromundus.eu)

How to apply and deadline:

Applications can be submitted via [www.astromundus.eu](http://www.astromundus.eu). Applications for the course starting in September 2017 should be submitted no later than November 30th, 2016.

Scholarships:

A limited number of scholarships is expected to be funded through the Erasmus+: Erasmus Mundus Joint Master Degree (EMJMD) programme of the European Commission and the AstroMundus Consortium.

Because of the limited number of scholarships, **we strongly recommend** that prospective students seek and apply for other scholarships that might be funded, e.g., by their own Country and/or Institution of origin or by other organizations.

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