



astro mundus

international
master

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Education and Culture DG

ERASMUS MUNDUS

What is AstroMundus?

- 2-years Erasmus Mundus Masters Course (120 ECTS) in Astrophysics
- offered by a consortium of 5 partner universities in 4 different countries:

Austria – Innsbruck

Italy – Padova & Rome

Germany – Goettingen

Serbia – Belgrade

2010-2015 (5 cycles)



Partners

- chosen according to their excellence in education, especially success in **research**
 - University of Innsbruck, coordinator
 - University of Padova
 - University of Rome “Tor Vergata”
 - University of Goettingen
 - University of Belgrade, as a Third Country partner



the first ERASMUS programme in Serbia, where an university from Serbia is an equal partner

AstroMundus - objectives

- Main objective: to provide top-ranked students with an excellent background in Astrophysics
- But also:
 - to introduce them to the world of modern astrophysical research
 - to foster their future career in this field
 - emphasis is put on the application of modern techniques both in the observational and theoretical/computational domain
- promotion of the cultural and scientific exchanges between Third Country and European students and academics



AstroMundus - organization

- students carry out their master studies in at least 2 and up to 4 of these countries, in a stimulating and scientifically excellent international environment
- the official language of the course is English (the possibility to learn the languages of the host countries)
- successful students will be awarded a **Joint Master Degree** by all partner universities they have visited during the Master studies
- in addition they will obtain a Diploma Supplement to facilitate the recognition of their degree in other universities/countries



Concept

- **the first semester** the students attend courses at the entrance university (University of Innsbruck) – focused on basic learning in Astronomy and Astrophysics
- **the second semester** is spent at one of the 2 Italian partner Universities (Padova and Rome)
- **the third semester** is spent in one of the three partner institutions at Rome, Göttingen, or Belgrade depending on the astrophysical branches which the students will select to specialize on
- **the fourth semester** - Master's thesis (35 ECTS) - can be accomplished in any of the partner institutions

(the possibility of joint supervision by a member of another of the partner universities)



Preparation of the proposal

- produce common curriculum and organizational structure
- coordinator – gives the frame of the proposal, technical part, guiding
- high level of email communication, online video-conferences
- consult with the ERASMUS offices, local university administrative offices
- recognize all strengths of the partners
- consulte the ERASMUS guide, local law



Implementation of the program

- administrative work – preparation of agreements, programme recognition, adjusting regulations of all partners, student issues, financial projections...
- nominating different committees and boards
- selection criteria, call for applications, recruitment campaigns...
- website, database, mailing lists, communication, communication...

Future

- the first semester starts September 2010
- duration of each Masters cycle: 22 months, 120 ECTS
- 5 cycles under support of EU (i.e. 6 years)

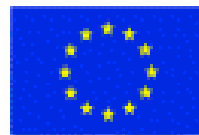
- conducting of the programme
- output → Master students, research development, new common research project, exchange of scholars

Thank you for your attention!

For more details visit

www.astromundus.eu

Erasmus Mundus website



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