

MSc Astronomy

KEY FACTS

- › Start programme: 1 September
- › Duration: 24 months
- › Tuition fees per year EU / non-EU:
approx. €1,951 / €13,600

COURSES

- › Formation & Evolution of Galaxies
- › High Energy Astrophysics
- › Detection Techniques



GENERAL INFORMATION

The Astronomy Master's programme in Groningen has a great reputation, being ranked in the top 10 of all Dutch master's programmes in 2013. The curriculum focuses on observational astronomy, theoretical astronomy, or astronomical instrumentation, and can be tailored according to your interests and capabilities. The students are supervised by and follow courses taught by top astronomers from the Kapteyn Astronomical Institute.

The research work is carried out under the supervision of a staff member from the Kapteyn Astronomical Institute. Kapteyn staff are involved in observational and theoretical research dealing with interstellar medium and star & planet formation, stellar populations, structure and dynamics of normal and active galaxies, and cosmology. They use world-leading telescopes and instrumentation on the ground and in space, and the most advanced computing facilities.

The Blaauw observatory is on their neighbouring building. The Kapteyn Institute has close connections with ASTRON and SRON, two major national foundations. ASTRON operates the Westerbork Radio Synthesis Telescope, the low-frequency array LOFAR, and the APERTIF antenna array. As a result of the Kapteyn Institute-SRON Groningen connections, scientific discoveries and instrumentation development go hand in hand (IRAS, ISO, Herschel Space Observatory, just to mention a few successful missions).

For talented international students we have two scholarship available of €10.000,- per year, offered by the Research School for Astronomy (NOVA)

Career prospects

- › Participating in major European or global astronomical research projects
- › PhD research
- › Professions dealing with astronomical instrumentation and informatics
- › Graduates regularly find employment in the public or private sector (e.g. IT or consulting)

More information

Programme website
www.rug.nl/masters/astronomy/
Questions?
sciencemaster@rug.nl
Social media
facebook.com/universityofgroningen

WHY CHOOSE US?

- › Close connections with two major national astronomical foundations
- › Specialisation on Instrumentation and Informatics possible
- › Excellent facilities at your disposal
- › International and vibrant research environment
- › Scholarships for talented students

Application

You can apply online, please go to:
www.rug.nl/howtoapply

Application deadline EU: 1 May
Application deadline non-EU: 1 May

Admission

- › Bachelor's degree in Astronomy or (Applied) Physics
- › English proficiency: TOEFL 580/237/92 or IELTS 6.5

Please visit our [website](http://www.rug.nl/masters/astronomy/) for detailed information