MASTER OF SCIENCE IN SPACE STUDIES

PROGRAMME JOINTLY OFFERED BY GHENT UNIVERSITY, CATHOLIC UNIVERSITY OF LEUVEN, KU LEUVEN

MAJORS: MODULE SPACE LAW, POLICY, BUSINESS AND MANAGEMENT - SPACE TECHNOLOGY AND APPLICATIONS - SPACE SCIENCES

60 ECTS CREDITS - LANGUAGE: ENGLISH

FACULTY OF SCIENCES

2021-22

WHAT

The space sector is constantly looking for highly-skilled experts with an interdisciplinary perspective. However, it is this interdisciplinary background which is currently lacking for most new graduates, who have typically specialised in only one of the fields related to space science.
The interuniversity UGent/KU Leuven Master of Space Studies aims to cater to these new opportunities by equipping students with the interdisciplinary expertise the space sector is currently looking for. The Master of Space studies trains students in innovative space projects through the symbiosis between technological, quantitative and biomedical sciences, while at the same time supplying them with the economic and policy skills needed to navigate the current legal and political regulations.

STRUCTURE

This advanced Master's programme addresses students who have successfully completed an initial master's programme in either the humanities and social sciences, exact sciences and technology, or biomedical sciences. The interdisciplinary nature of the programme is set by the requirement that all students follow a common trunk of 30 credits of introductory courses. The goal is to get the students acquainted with the different aspects that form the foundation of space-related activities. Special attention goes to the combination of a high level of knowledge transfer with the diverse backgrounds of the students. Depending on their background and interest students have the opportunity to deepen their knowledge through more domain specific optional courses, for a total of 15 credits, covering the three domains of (A) Space Law, Policy, Business and Management, (B) Space Sciences, and (C) Space Technology and Applications, with the possibility to combine the latter two.
For the Master's dissertation (15 credits) students are embedded in a research team of one of the organising universities, or in an external institute, organisation or industrial company, in which case an academic supervisor is assigned as a coordinator. The Master's dissertation should form a final piece of work of the interdisciplinary programme, in which the acquired knowledge and abilities are applied to a complex and specific project.

LABOUR MARKET

Graduates will be in a position to develop a career in the space sector or in space research; taking up roles in the space industry (engineers, product developers and technical-commercial functions), research institutions with activities in space (researchers and project developers), (inter) governmental bodies with responsibilities in research and development programmes related to space (project managers and directors), policymakers on the national, European and international levels and in a broad range of companies and organisations which use or are facilitated by space missions. About 75% of our students find a career in the space sector after graduation.

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TOELATINGSVOORWAARDEN VOOR HOUDERS VAN EEN VLAAMS DIPLOMA

1 **Na onderzoek van de bekwaamheid van de student om de opleiding te volgen:**
- Een diploma van een masteropleiding aansluitend op een bacheloropleiding

ADMISSION REQUIREMENTS FOR INTERNATIONAL DEGREE STUDENTS

Candidate students are specifically expected to: have obtained an initial master's degree for which the candidates can motivate the relevance for space studies; have the potential to successfully broaden their formation towards other relevant disciplines; present a convincing view of the importance of the programme for their professional expectations. These expectations will be evaluated through an intake interview. Interested candidates are invited to send their CV and a comprehensive motivation to MSSapplication@ster.kuleuven.be.

The selection with respect to the initial master's degree is designed to increase the student's chances for success. However, students with an initial master that does not have a direct apparent connection with space studies can still apply, and could be accepted depending on the power of conviction of their background and argumentation.

Information on admission requirements and the administrative procedure for admission on the basis of a diploma obtained abroad, can be found on the following page: www.ugent.be/prospect/en/administration/enrolment-or-registration.

LANGUAGE REQUIREMENTS

Language requirements	Dutch: no language requirements English: CEFR level B2

The language requirements for this study programme can be found on: www.ugent.be/languagerequirements

PRACTICAL INFORMATION

Study programme

studiekiezer.ugent.be/master-of-science-in-space-studies-en/programma

Information sessions

Graduation Fair

afstudeerbeurs.gent/en/students/further-studies

Enrolling institution

KU Leuven

After a positive evaluation of motivation by the selection committee the candidates can proceed with the second step in the selection process, done by the KU Leuven Admissions Office on www.kuleuven.be/english/application (for international students) or www.kuleuven.be/inschrijvingen/ (for students with a Flemish master degree), where the educational background and credentials will be checked.

Application Deadline (for International degree students)

Recommended application deadlines (but late admissions are accepted):

- 1 March (for non-EEA citizens)
- 1 June (for EEA citizens)

Students who hold a Flemish master degree can apply until the start of the academic year, although we also recommend to submit their application before August.

Tuition fee

More information is to be found on: www.ugent.be/tuitionfee

Contact

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www.masterspacestudies.be

GHENT UNIVERSITY

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