

Advanced Topics in Space Law, Policy, Business and Management (C003272)

Course size (nominal values; actual values may depend on programme)

Credits 6.0 Study time 160 h Contact hrs 39.0 h

Course offerings in academic year 2018-2019

A (semester 2) English

Lecturers in academic year 2018-2019

Thiebaut, Walter

KUL lecturer-in-charge

Offered in the following programmes in 2018-2019

[Master of Science in Space Studies](#)

crdts offering

6 A

Teaching languages

English

Keywords

Position of the course

To describe space law and policy and to explain their political impact and weight in general and especially in the European context.

Contents

SPACE LAW:

- International legal foundations: Genesis, substance and future of the corpus iuris spatialis: The Outer Space Treaty, the Rescue and Return Agreement, the Liability Convention, the Registration Convention, the Moon Agreement and other UN legal instruments such as the so-called Principles. Description of the law-making process in the United Nations Committee for the Peaceful Uses of Outer Space.
- International Cooperation: The different forms of international cooperation between the space-faring Nations and the legal instruments that govern such cooperation such as MOU's and IGA's.
- Space Organisations and Institutions: International Organisations such as ESA, Eumetsat, Intelsat, Inmarsat and Eutelsat. The role of the UN and ITU.
- Space Applications: The legal and policy aspects of outer-space activities such as research and development programmes, remote sensing and teledetection, telecommunications, direct broadcasting, navigation and launching and space transportation systems.
- Systems of National Space Law: The comparative study of National Space Legislations and their implementation of the International rules at domestic level.
- Selected issues of Space Law: Liability and Insurance, jurisdiction/control and property, Space Debris, legal status of astronauts, space stations and settlements, space tourism, launch and satellite operations.

SPACE POLICY:

- National space doctrines and strategies: Their formation, formulation, content and place in particular in the major space-faring Nations, US, Russia, China, India and Brazil.
- Issues of European Policy: The history of European space efforts (ESRO, ELDO, CEPT, ESA), the relations between ESA and the EU and the search for a European Space Policy.
- Comparison of space programmes and capabilities worldwide, emerging space Nations
- Benefits analysis of space policy
- International coalitions and competition
- Issues of purpose and priority

Initial competences

Final competences

<https://www.kuleuven.be>

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Lecture, seminar, self-reliant study activities

Learning materials and price

References

Course content-related study coaching

Evaluation methods

end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Written examination with open questions, oral examination

Examination methods in case of periodic evaluation during the second examination period

Written examination with open questions, oral examination

Examination methods in case of permanent evaluation

Participation, assignment, report

Possibilities of retake in case of permanent evaluation

not applicable

Extra information on the examination methods

Take-home

Paper, report

Participation during contact moments

Evaluation:

Oral examination (written preparation)

Written examination

Calculation of the examination mark