

Space and Telecommunications Law

Course informations :

Degree level	<ul style="list-style-type: none">○ DU LLM International Law○ Master 2 Droit international général¹
Semester	
Course duration	15h
ECTS delivered upon completion	7

Instructor information:

Name	Ioana Bratu, MBA
Status	Researcher & Lecturer
Institution	Universite de Paris
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Course description:

This course will cover the main provisions of Corpus Juris Spatialis (the Outer Space Treaty, Liability Convention, Registration Convention, Rescue Agreement, Moon Agreement) as well as the legal framework governing the use of space and telecommunications technologies. It will also analyze the challenges posed by emerging technologies such as artificial intelligence, and the increasing commercialization of the space sector, highlighting the associated legal and policy implications.

The students will actively participate in lectures and tutorials, will analyze case studies, prepare oral presentations and work in allocated groups.

Course learning outcomes:

Upon completion of this course, students will demonstrate their ability to:

1. Analyze and evaluate the legal frameworks that regulate the use of space and telecommunications technologies.
2. Understand the international and national legal regimes applicable to space activities and satellite communications.
3. Evaluate the challenges in the telecommunications sector, including regulatory and policy challenges.
4. Assess the interface between space and telecommunications and the implications for the law applicable to outer space.

¹ Only for *Law and Practice of International Courts and Tribunals; International Law and Global Governance; International Commercial Arbitration*.

Student evaluation plan:

The evaluation will be based upon oral participation and on a final exam as described hereafter in the course schedule.

Course schedule :

Date	Session	Topic	Description	Assignment
1.06.2023 Thursday Ioana Bratu	Lecture 1 18.00 – 20.00	Introduction	From Sputnik to Starlink: the evolution of space activities from state centricity towards privatization and the use of emerging technologies.	Pre-assigned literature
2.06.2023 Friday Ioana Bratu	Lecture 2 18.00 – 20.00	Corpus Juris Spatialis. Fundamentals Part 1.	Understanding the 'Magna Carta' of International Space Law – the Outer Space Treaty. Accountability, responsibility and liability in space law (the Liability Convention). Case study "Global Navigation Satellite Systems"	Pre-assigned literature
3.06.2023 Saturday Ioana Bratu	Tutorial 1 14.00 – 16.00	Practicing the Fundamentals. Part 1	Group Work on predefined topics	Group Assignment; Deep Learning via Reciprocal Peer Tutoring
5.06.2023 Monday Ioana Bratu	Lecture 3 18.00 – 20.00	Fundamentals. Part 2	Understanding the Registration Convention and the Rescue Agreement. The Moon as the final destination of humanity: legal challenges and	Pre-assigned literature

			opportunities (resource exploitations, new governance models)	
6.06.2023 Guest lecture Vidya Kumar SOAS, University of London	Lecture 4 18.00 – 20.00	Global Commons	The lecture will analyse the Commons, the Tragedy of the Commons, the history and development of the Idea of the Global Commons, the Non-Appropriation Principle, Colonialism and the Third World influence on the Outer Space Treaty, the future of the Global Commons, Capitalist Accumulation in Space	Group Assignment; Deep Learning via Reciprocal Peer Tutoring
7.06.2023 Guest lecture Laetitia Caesari Luxembourg University	Lecture 5 18.00 – 20.00	Non-kinetic interferences and the role of ITU.	The lecture will explore various forms of non-kinetic interferences, such as jamming, spoofing, and cyberattacks, that pose substantial threats to global communication networks. Additionally, it will examine the role and responsibilities of the ITU in mitigating and managing these interferences, including the development of regulatory frameworks and coordination of international efforts.	Pre-assigned literature
8.06.2023 Guest lecture Professor Frans von der Dunk Nebraska University	Lecture 6 18.00 – 20.00	Telecommunications law in a space related context	This lecture will delve into the particularities of the synergy telecommunication law – international space law.	Pre-assigned literature

9.06.2023 Friday Ioana Bratu	Tutorial 2 18.00 – 19.00	Practicing the synergy 'telecommunications law – international space law'	Group Work on predefined topics	Group Assignment; Deep Learning via Reciprocal Peer Tutoring
15.06.2023 Thursday Ioana Bratu	Exam 18.00 – 19.00		Individual essay	Individual essay: maximum 3,000 words (references included).

A detailed list of academic sources (Books, Journal Articles etc.) will be provided to all enrolled students.