

Master in Space Activities and Telecommunications Law



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Objectives

Labour market orientation. Being the first qualification in the world linking the study of the law of space activities with the law of telecommunications, this course was set up with the support of professional bodies to meet the needs of rapidly expanding industries, looking for highly qualified graduates. Every year a steering committee agrees on the subjects to be covered in the course, in order to respond to the evolving needs of the space and telecoms markets. Core subjects are complemented by practical seminars and a long-term work placement. Regular and lasting contact with the labour market is gained through an educational team consisting mainly of practitioners (70% of the team), lectures taught by future potential employers, lectures given on the premises of companies (50 %) and prestigious institutions, visits and professional trips (including one week in Geneva and one week in Toulouse) and through an international network of alumni. Moreover, students are carrying on professional studies on behalf of the course's partners.

International training. The course encompasses Europe and the wider world through teaching combining a national and transnational approach to issues. Lessons are held in French and English by a multicultural team of lecturers (9 nationalities). Classes consist of 50% overseas students (since 2002, 61 nationalities) which may participate in a large number of international events.

Interdisciplinary course. The course has been designed for future career prospects in mind, by linking law to other disciplines – science, economics, management, political sciences – and hence facilitating the graduate's integration within a business or public institution through rapid, complete and in-depth understanding of the issues to be tackled.

A recognised research team. The 'Institut du Droit de l'Espace et des Télécommunications' (IDEST), to which this course is attached, is recognized by the United Nations as one of the most active centers in the research of space and telecommunications law. Students are able to take part in studies directly requested by specialist institutions, present the results of their research at international conferences, publish their work in renowned publications and continue their training via a doctorate.

Range of competencies. The aim of the course is to enable the development of a variety of competences: learning and analyzing all legal matters related to the elaboration or management of space programs and telecoms projects; fast integration into work environment due to an ability to participate in discussions with all relevant personnel, comprehensive knowledge of the international environment enabling the graduate to meet the requirements of multinational and overseas businesses.

Range of job prospects. The targeted job sectors are essentially: aerospace industry, civil and military space-based applications; telecom network and service providers; equipment suppliers; communication and media. There are numerous prospects in terms of the nature of organisations which are aimed (national and international, public and private), their activities (e.g. regulation; research and development; service, equipment and infrastructure provision; law, consulting, finance and risk management) and the occupation of graduates (e.g. legal, commercial, administrative, financial, international relations, project management).

Where can our former students be found? At Alcatel-Lucent, Astrium, Airbus, Air France-KLM, Alcatel-Lucent, ARCEP, Bird & Bird, British Telecom, CEA, CMT, CNES, Dassault, DLR, EADS, ESA, EU, Euroconsult, Eutelsat, Hellasat, Linklaters, Marsh, MBDA, Microsoft, Ministry of Defense, Ministry of Foreign Affairs, Ministry of Transport, OECD, OFCOM, Orange, Safran, SES, SCOR, Thales, UNESCO, Vodafone...

Awards and ranking

The *Université Paris-Sud* is the 39th best world university and the 7th best European university (Shanghai World Academic Ranking 2013). The Master course is referenced in the national media as one of France's best. The French Agency for Academic Evaluation gave the program its best mark (A+) based on the high level of professional specialization and the performances in terms of integration of the graduates on the labor market.

Entry Requirements – Course fees

Applicants should have completed at least 4 years studies in law, economics, management, political science or science/engineering or any other degree which is considered to be of an equivalent level; or any professional experience considered to be of an equivalent level. The maximum number of students is 24. The selection is based on the academic and professional skills of the candidates (interview by a panel of future potential employers). The French government pays the course fees. Students have to pay the administrative fees and social security costs (500 Euros).

Programme

Module 1. Core lectures

- Competition law
- Intellectual property
- Law of space activities
- Law of aeronautical activities
- Law of telecommunications
- Law of information



Module 2. Sciences and Techniques

- Introduction to space and aeronautics sciences
- Introduction to telecommunications networks
- Frequencies management



Module 3. Market

- Regulation of the telecommunication market
- Competition law in the telecommunication market
- Space markets
- Export control



Module 4. Contracts

- Contracts in space and aeronautics
- Contracts in telecommunications
- Public contracts

Module 5. Policy

- Geopolitics of space
- International institutions

Module 6. Specialisation

- *Option A – Space and aeronautics*
 - Law of space applications
 - Air law
 - Risk management in space and aeronautical activities
 - Space policy
 - Space and security
- *Option B – Telecommunications and information*
 - Broadcasting law
 - Telecommunications and local communities
 - E-business law
 - Computer law
 - Telecommunications economics



Module 7. Orientation

- *Professional orientation*
 - Professional project (in collaboration with a partner)
 - Placement (3 to 6 months in France or abroad)
- *Research orientation*
 - Research project
 - Master's thesis



Most exams may be taken either in French or in English.

Annual events offered by our partners

- Professional and academic visit at Toulouse (one week)
- International Space and Telecoms Week at Geneva
- Eutelsat week end (two days)
- Orange week end (two days)
- ESA Conference Days
- World Telecommunication Day with ITU
- "Doing business with EADS" (one day)
- Alumni night...



Educational Team

Director

Mr Achilleas, University Paris-Sud

Professors

Mr Bousquet, ISAE-Supaéro
Mr Communier, University Paris-Sud
Mr Correia, University Paris-Sud
Mr Dubuisson, Université Libre de Bruxelles (Belgium)
Mr Hertzfeld, Space Policy Institute (USA)
Mr Kerrest, University of Western Britany
Mr Latreille, Université Paris-Sud
Mr Marchisio, University La Sapienza (Italy)
Mrs Muñoz-Rodriguez, University of Jaén (Spain)
Mrs Ravillon, University of Bourgogne

Practitioners

Mr Aguttes, French Space Agency (CNES)
Mrs Baudin, European Space Agency (ESA)
Mrs Bohlmann, ESA
Mr Binet, Competition Authority
Mr Borrelo, Thales Alenia Space
Mr Clerc, CNES
Mr Crapart, Bird & Bird
Mr Dardelet, Thales Alenia Space
Mr Delahaye, Alcatel-Lucent
Mr Dumais, SES Astra
Mr Di Tommaso, Atos Worldline
Mr Dumont, Air France-KLM
Mr Farand, ESA
Mr Ferrazzani, ESA
Mr Fichet, Simmons & Simmons
Mr Fuentes, Iteanu et associés
Mrs Gaubert, Marsh S.A.
Mr Goussu, Lavoix Law Firm
Mr Guerin, France Télécom, Orange

Mr Hebert, Commission for Data Protection (CNIL)
Mr Hilgers, ESA
Mr Idiart, EADS
Mr Itéanu, Itéanu et associés
Mr Laedrich, France Télécom, Orange
Mrs Murphy, CNES
Mrs Oudey, Nettapp
Mr Pezeron, British Telecom
Mr Revillon, Euroconsult
Mr Rouesnel, Luxspace
Mrs Sourbes National Center for Scientific Research (CNRS)
M. Vallet, National Frequency Agency (ANFr)
Mrs Videlier-Guttman, ESA
Mrs Vilain, Euroconsult
Mr Weigel, Broadcasting Council (CSA)
Mr Wells, SCOR
Mr Zéfirin-Leo, Snecma

Students have the opportunity to participate in specialized conferences given by representatives of the following international organizations: CD, ESA, EBU, ITU, OECD, UN, UNIDIR, WTO, WIPO...

Sponsors

