

Space Law Teaching in Europe 3rd Edition



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SPACE LAW TEACHING IN EUROPE

3rd Edition

***European Space Agency
Agence spatiale européenne***

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CONTENTS

INTRODUCTION - SPACE LAW TEACHING IN EUROPE	1
HOW TO USE THIS GUIDE	5
AUSTRIA	6
University of Graz	7
BELGIUM	8
Université libre de Bruxelles	9
Katholieke Universiteit Leuven	10
Ghent University	11
FINLAND	12
University of Lapland	13
FRANCE	16
Paul Cézanne University , Aix Marseille III	17
International Space University (ISU)	18
Université de Lyon III	19
Paris I - Panthéon/Sorbonne	20
University of Western Brittany	21
Université de Paris Sud –11 (IDEST)	23
Université de Nice - Sophia Antipolis	29
GERMANY	32
University of Cologne	33
University of Bremen	35
ITALY	36
University of Genova	37
University of Milan	38
University of Padua	39
University of Rome “La Sapienza”	40
Rome University “La Sapienza”, Latina branch	41
THE NETHERLANDS	42
University of Leiden	43
SPAIN	48
University of Jaén	49
UNITED KINGDOM	50
University of Aberdeen	51
Queen Mary, University of London	52
LIST OF ECSL NATIONAL POINTS OF CONTACTS (NPOCS)	54
CHARTRE DU CENTRE EUROPÉEN DE DROIT SPATIAL (ECSL)	56
ECSL BOARD MEMBERS (2003-2005)	64
UNIVERSITY QUESTIONNAIRE	66
University Information Form	69



Introduction - Space Law Teaching in Europe

La brochure que vous ouvrez constitue la 3^{ème} édition d'un travail commencé au début des années 1990, après la mise en place du Centre Européen sur le Droit de l'Espace. Elle constituait l'une des premières manifestations de ses objectifs, en particulier la promotion du droit de l'espace, auprès du corps enseignant et des étudiants. Cet objectif apparaît clairement dans la Charte de l'ECSL conçue en 1989.

Encore fallait il connaître quelque peu la situation de départ pour pouvoir aider à cette reconnaissance du droit de l'espace et à sa promotion. Certes, il y avait eu des travaux de recherche pour évaluer la situation (au niveau mondial surtout, par le Prof. E. Pépin, par exemple). Certes et surtout, on pouvait bénéficier du travail accompli en Europe par quelques universitaires engagés – comment ne pas citer ici tout particulièrement le Prof. K. H. Böckstiegel de l'Institut de Cologne et le remercier ?

Il fallait aller plus loin, c'est à dire faire un état de la situation pour mettre ensemble toutes ces forces vives. A l'époque, l'ESA paraissait être la mieux à même pour « appeler » la communauté académique et lui offrir de relever ce défi. L'ESA pouvait apporter des ressources dans un esprit de parfaite neutralité.

Quand je relis l'introduction de la 2^{ème} édition, je suis comme effrayé de ce qui était alors notre ambition, comme de mettre à jour cette brochure une ou deux fois par an !

Depuis, si ECSL a vu le jour et s'est considérablement développé, certaines ambitions ont dû reculer devant les difficultés de la tâche, le défaut de ressources, défaut de moyens, entre autres. Peut-être n'avons nous pas sû suffisamment assurer la connaissance de notre entreprise auprès des divers acteurs, en convaincre de nouveaux. Peu importe, il nous faut continuer la route et il existe des signes encourageants pour cela.

Le programme ordinaire de l'ordre du jour du Sous Comité juridique du Comité des Nations Unies pour l'utilisation pacifique de l'Espace extra-atmosphérique, contient à présent un point sur la promotion du droit de l'espace. Rapport y est fait de la participation aux 5 Traités spatiaux. De même une présentation a lieu des activités conduites par les Organisations internationales, intergouvernementales dans le domaine du droit de l'espace, ce qui donne l'occasion à l'ECSL de présenter un rapport d'activités ou des analyses sur des sujets, comme les aspects juridiques liés à la notion de débris spatiaux, la notion de l'Etat de lancement ou encore la pratique de l'immatriculation des objets spatiaux.

Par ailleurs, l'ECSL a le privilège de pouvoir parrainer avec son grand frère, l'Institut international de droit de l'espace (IISL), un atelier qui se tient chaque année dans la salle de réunions devant donc les délégations dudit Sous Comité juridique.

Sans vouloir être exhaustif sur le renouveau de nos activités, il ne faut pas oublier notre participation à la compétition prestigieuse de plaidoirie – Manfred Lachs Moot Court Competition – dont nous organisons les demi-finales européennes.

Pour établir cet inventaire, nous avons repris les lignes qui figuraient déjà dans la 2^{ème} édition de 1993 ; certains enseignements ne sont plus donnés, d'autres sont arrivés. Nous

avons essayé par ailleurs de donner le maximum de renseignements pratiques sur les cours dispensés, les crédits dont ils bénéficient, sur les enseignements, etc.

Je n'ignore pas que certains y relèveront des défauts, des erreurs ; je compte non seulement sur votre indulgence mais aussi sur votre enthousiasme pour les corriger, y ajouter toutes informations utiles, y compris peut-être sur l'existence d'enseignements qui auraient été oubliés.

Les objectifs restent tout aussi ambitieux : vous donner un instrument de travail pour faciliter les contacts, les échanges, pour organiser des conférences, pour permettre aux étudiants d'aller entendre tel cours ou tel professeur.

En annexe, vous trouverez notre texte fondamental, la Charte ECSL (révisé), la liste des points nationaux de contact (NPOCs) qui sont aussi là pour vous guider. Vous trouverez aussi le document sur ce sujet publié par l'OOSA (Office des affaires spatiales des Nations Unies à Vienne), si vous souhaitez poursuivre vos recherches ailleurs qu'en Europe.

L'ECSL vous remercie et vous assure de son dévouement.

G. Lafferranderie
Président ECSL

Introduction - Space Law Teaching in Europe

(Translated from French)

This booklet, now in its third edition, presents an update of work started back in the early 1990s, following the establishment of the European Centre for Space Law. Its publication represented an early concrete effort to fulfil one of the Centre's main purposes: the promotion of space law, in this case among the university teaching profession and students. That purpose is clearly spelt out in the ECSL Charter, established in 1989.

We would do well to cast our minds back to the situation prior to that, if we are really going to be able to further the recognition and promotion of space law. There had indeed been previous research done to assess the situation (globally, above all, by Professor E. Pépin, for example). Most notably, there was the legacy of the work done in Europe by some committed academics – and here we must acknowledge, and thank, Professor K. H. Böckstiegel of Cologne University.

But more needed to be done, i.e. thoroughly take stock of the overall situation, in order to put together all the parts of the jigsaw. At that time, the European Space Agency was thought to be best placed to call on the academic community to invite it to take up this challenge. ESA was able to provide resources in a spirit of perfect neutrality.

On re-reading the introduction to the second (1993) edition, I am somewhat taken aback by the ambitious tone, for example the goal of an update once or twice yearly!

Since then, while ECSL has come into being and has indeed developed considerably, certain ambitions have had to be curtailed in view of the difficulty of the tasks involved, the lack of resources, the lack of funding, etc. Perhaps we have not proved sufficiently adept at communicating our cause to the various players and persuading others to become involved. No matter; we must continue on our way. And there are encouraging signs for doing so.

The core business on the agenda of the United Nations Legal Sub-Committee on the Peaceful Uses of Outer Space currently includes an item on the promotion of space law. This includes reporting on the status and application of the five Outer Space Treaties. In addition, a presentation is given on the space law activities conducted by international, intergovernmental organisations. This gives ECSL an opportunity to present a report on activities or analyses of issues such as the legal aspects of the notion of space debris, the notion of launching State and the practice of the registration of space objects.

ECSL also has the privilege of being able to co-sponsor, with its elder sister organisation the International Institute of Space Law, an annual workshop held in the committee room (and hence before legal Sub-Committee delegations).

Without exhaustively updating you on all our various activities, it is worth recalling our participation in the prestigious Manfred Lachs Moot Space Law Court Competition, for which we organise the European Round semi-finals.

In producing this booklet, we have drawn on the work done for the second edition; certain entries have been removed, others added. We have also sought to provide a maximum of practical information on the available courses, transferable credits and teaching, and so on.

No doubt some of you will spot errors and oversights. Here I crave not only your indulgence but also your enthusiasm to correct these and any other shortcomings, add any useful information and make good any omissions.

The objectives remain just as ambitious: to provide you with a practical resource for networking, exchanges, arranging conferences, enabling students to attend a given class or hear a given tutor.

The annexes include our basic text, the ECSL Charter (revised), a list of National Points of Contact who are also available to advise you, and, should you be looking for study options outside Europe, the corresponding document issued by the UN Office of Outer Space Affairs in Vienna.

I very much hope that this booklet will become your trusty guide!

G. Lafferranderie
ECSL President

How to Use This Guide

The information provided by each of the universities in this publication is based on questionnaires (see page 65) administered by the ECSL.

Universities are invited to update or add information by filling in the form provided at the end of this publication and returning it (both electronic and hardcopy) to:

European Center for Space Law

8-10 rue Mario Nikis, F.75738 Paris Cedex 15

e-mail: rocio.caparros@esa.int (copy to: Alberto.Marchini@esa.int)

Non-European institutions offering courses and/or programmes in space law can be found in the UN publication: "Education Opportunities in Space Law: A Directory", A/AC.105/C.2/2005/CRP. 4, 5 April 2005.

<http://www.oosa.unvienna.org/SpaceLaw/educationdirectory/>

This publication is also available as a pdf file from the ECSL legal database:
www.esa.int/SPECIALS/ECSL

Austria



University of Graz

University of Graz

School of Law

Institute of Austrian, European and Comparative Public Law, Political Sciences and Public Administration

Universitaetsstrasse 15 C/3
8010 Graz, AUSTRIA

Contact Information:

Prof. Dr. Christian Br nner
Phone: +43 (0)316 / 380-3388 or 3367
Fax: +43 (0)316 / 380-9450
E-mail: christian.br nner@uni-graz.at or andrea.lauer@uni-graz.at
homepage: <http://www-ang.kfunigraz.ac.at/~bruenn>
homepage: <http://www.spacelaw.at>

Programm(es)/Course(s) offered:

Seminar: "Space Law and Space Policy"

Description:

- UN-treaties
- Fundamental principles of space law
- European law
- National law
- International organisations
- Space policy
- Current developments

Levels:

- Undergraduate
- Graduate
- PhD programme

Language:

English

Rank:

Optional seminar

No. Students:

20 - 30 students each semester

Requirements:

Fluency in English; basic knowledge of public international law

Credits (ECTS):

Seminar, 5 credits (2 hours/week)

Tuition & fees:

None (when you are a regular student at the university of Graz)

Funding &

Scholarships:

None

Professor(s):

Prof. Dr. Christian BR NNER / Mag. Alexander SOUCEK (ESRIN)

Futher Information:

Prof. Br nner also supervises master and doctoral theses investigating various issues of space law. A seminar for doctoral students is offered every semester.

Special events related to space law include:

Organisation of the "13th ECSL Summer Course on Space Law and Policy", 2004

Belgium

University of Ghent

Katholieke Universiteit Leuven



Université Libre de Bruxelles

Université libre de Bruxelles

Faculty of Law

50 Av. F.D. Roosevelt,
B-1050 Brussels
Belgium

Contact Information:

Prof. Pierre Klein
Phone: +32 2 6503404
Fax: +32 2 6503854
E-mail: piklein@alb.ac.be

Programm(es)/Course(s) offered:

Description:

A 30-hour course dedicated to the study of basic principles of space law (including sources), from a public international law perspective.

Level: Masters

Katholieke Universiteit Leuven

Faculty of Law

Tiensestraat 41
3000 Leuven, Belgium

Contact Information:

Prof. Dr. Jan Wouters
Director of the Institute for International Law
Phone: +32-16.32.51.22
Fax: +32-16.32.54.64
E-mail: Jan.wouters@law.kuleuven.ac.be

Programm(es)/Course(s) offered:

Description:

1. Introduction: What is space? What is ESA?
2. Introduction to space law (I)
3. Introduction to space law (II)
4. Space applications: Navigation, Telecom, Earth Observation
5. Space Stations, Astronauts, and Intellectual Property in Space
6. Space Applications
7. Space Contracts
8. Europe and Space

Faculty & Lectures: Lectures with active participation of students

Modular Structure: 8 modules of topics + guided visit to ESTEC (Noordwijk, NL)

Requirements: None

Credits (ECTS): Certificate of attendance

Tuition & Fees: None

Funding & Scholarships: Not applicable

Past experiences: 3 years of successful operation

Professor(s):

Dr. Walter Thiebaut	Dr. Kevin Madders
Mr. Koen De Beule	Mr. André Farrand
Mr. Marco Ferrazzani	Mr. Stefano Fiorelli

Special events related to space law organised in the faculty:

5 European Space Policy Workshops 2002-2004 (see www.eurospacepolicy.org)
Summer Course on Space Law and Policy, 2003

Ghent University

Faculty of Law, Public International Law

Universiteitstraat
B 9000 Gent
Belgium

Contact Information:

Prof. Dr Frank Maes
Phone: +32 9 2646895
Fax: +32 9 2646989
E-mail: Frank. Maes@ugent.be

Programm (es)/Course(s) offered:

Description:

Optional course in last years Master of Law (5th year of law studies) and last years Master of Political Sciences.

Levels: Masters

Faculty: Fac. of Law
Fac. of Political Sciences
Together with course on Air Law (30h)

Modular structure : 1st semester = 12 weeks

Requirement: Within regular Masters Programme of Faculty, only for regular law students/political science students.

Tuition & fees: None

Funding & scholarships: None

Professor(s): Prof. René Oosterlinck (ESA)

Special events related to space law organised in the faculty:

None so far.

Finland



The University of Lapland's Arctic Centre

University of Lapland

Faculty of Law/Institute of Air and Space Law

Yliopistonkatu, 8 PI, 122
96101 Rovaniemi, Finland

Contact Information:

Prof. Maurice N. Andem
Phone: +358 16 341 2527, +358 16 341 2550
E-mail: mandem@ulapland.fi

Programm(es)/Course(s) offered:

Description:

Air and Space Law is a compulsory course for masters programme. It is a lecture course (including guest lectures from experts outside the institute) with written exams and student seminars.

The institute offers a full fledged II.lc and II.d programme in Air and Space Law. This, rather than a tailor made course, is a highly research oriented one, that requires students, apart from the doctoral theses, to undertake exams of various stages, publish articles, monographs, etc.

Faculty & Lectures: Professor Maurice N. Andem

Requirements: For doctoral degree; a masters or a masters with licenciate.

Tuition & Fees: No tuition fee is charged for doctoral programme

Funding & Scholarships: Possible

Past experiences:

Though the institute is new, the its academic staff carries rich teaching and research experience

Professor(s): Professor Maurice N. Andem

Special events related to space law organised in the faculty:

Hosted the ECSL summer school in 1994.

Annex - Course Contents

International Law of Outer Space: Course outline

I. INTRODUCTION

General Survey-Science and Technology and International Law
Space law as a new branch of contemporary public international law
Definitions of space law
Subjects of space law
Objects of space law

II. SOURCES OF SPACE LAW

Preliminary sources
Subsidiary sources
Principles of space law
Role of UN and its Specialized Agencies in the codification and development of international law of outer space

III. LEGAL STATUS OF OUTER SPACE, THE MOON AND OTHER CELESTIAL BODIES

State sovereignty and outer space activities
Legal problems relating to the definition and delimitation of outer space etc. including questions relating to the Geostationary Satellite Orbit
Peaceful uses of outer space-problems relating to neutralization and demilitarization of outer space, the moon and other celestial bodies
The Moon Treaty, 1979

IV. LEGAL STATUS OF OBJECTS LAUNCHED INTO OUTER SPACE

V. LEGAL STATUS OF ASTRONAUTS/COSMONAUTS

VI. INTERNATIONAL RESPONSIBILITY OF STATES FOR ACTIVITIES IN THE PEACEFUL EXPLORATION AND USES OF OUTER SPACE

VII. SPACE COMMUNICATIONS: INTERNATIONAL CO-OPERATION

Legal problems concerning DTBS (Direct Television Broadcasting via Satellites)

VIII. LEGAL PROBLEMS RELATING TO REMOTE SENSING OF THE EARTH FROM OUTER SPACE

Legal problems relating to space meteorology

IX. PROBLEMS RELATING TO SPACE TRANSPORTATION

X. LEGAL PROBLEMS RELATING TO THE PROTECTION OF THE EARTH AND OUTER SPACE ENVIRONMENT

XI. SETTLEMENT OF DISPUTES ARISING FROM OUTER SPACE ACTIVITIES

France

Paul Cézanne University, Aix Marseille III
(ISU)
Université de Lyon III

The International Space University
University of Western Brittany

Paris I – Pantheon/Sorbonne

Institut du Droit de la Paix et du
Développement de l'Université de Nice
Sophia Antipolis

Université de Paris Sud – 11
(IDEST)



Paul Cézanne University , Aix Marseille III

Faculty of Law and Political Science - IFURTA (Institut de Formation Universitaire et de Recherche du Transport Aérien)

IFURTA, 3, avenue Robert Schuman
13628 Aix en Provence, France

Contact Information:

Director: Dr Bernard Pestel,
Professor(s) : Mireille Couston, Pr Armel Kerrest, Dr Laurence Ravillon, Pr Guy Scoffoni
E-mail: secretariat.ifurta@univ.u-3mrs.fr
Website: <http://www.ifurta.droit.u-3mrs.fr/>

Programm(es)/Course(s) offered:

<u>Seminar:</u>	Master degree in Air and Space Law
<u>Status:</u>	University degree of Space Law integrated for the lawyers students in Master of air law. Compulsory for lawyers.
<u>Language:</u>	French
<u>Level:</u>	Master (University's 5th year)
<u>Rank:</u>	Compulsory for lawyers in the "Air Law" Master
<u>Duration:</u>	Public space Law Prof Couston and Prof Kerrest: 30 hours Private space law Dr Ravillon: 21 hours US law. Guy Scoffoni: 12hours
<u>Credits (ECTS):</u>	Written and oral exam. Dissertations (Mémoire), Thesis
<u>No. Students:</u>	Restricted: 15 students
<u>Start:</u>	October
<u>Student Exchange:</u>	Many French speaking students from all over the world.
<u>Library:</u> IFURTA	Access to the University and Faculty libraries, to the library of the Theses Dissertation or research projects Many dissertations (mémoires de maitrise), Theses

Université de Lyon III

Faculty of Law

15 Quai Claude Bernard
69007 Lyon, France

Contact Information:

Couston Mireille
E-mail: couston.m@wanadoo.fr

Programm(es)/Course(s) offered:

Cours de droit aérien et spatial

Description: Grands principes du droit aérien et spatial et problèmes spécifiques.

Level: Dea de droit international

Requirements: Avoir un Master 1

Tuition & fees: Prix d'inscription à la faculté

Professor(s): Couston Mireille

Special events related to space law organised in the faculty:

Une Journée d'études en droit spatial est prévue pour le printemps 2005.

Paris I - Panthéon/Sorbonne

Faculty/department: Etudes internationales et Européennes-Faculty of law. DEA Droit international économique.

12 place du Panthéon
75231 Paris Cedex 05

Contact Information:

Prof. Laurence Ravillon
Phone: +33 03 80395513
Fax: +33 03 80395571
E-mail: Laurence.Ravillon@u-bourgogne.fr

Programm(es)/Course(s) offered:

Level: Masters Programme

Description:

Optional Course (Droit des activités spatiales) in a D.E.A (Diplôme d'études approfondies) Droit international économique. Course in French, about public international law of space (Treaties) and private aspects of space law.

International Public Law of Space

Private law of space activities (telecommunications, remote sensing, navigation by satellite, launching...)

Duration: 26 hours:

Tuition & fees: 150€

Professor(s) Laurence ravillon

Special events related to space law organised in the faculty:

Participation to the Moot Court organised by IISL

Participation to the Summer Course ECSL

University of Western Brittany

Faculty Of Law And Economical Sciences

12 Rue De Kergoat
Cs 93837 Brest Cedex 3, France

Contact Information:

E-mail: armel.kerrest@univ-brest.fr
Website: www.univ-brest.fr/espace

Programm(es)/Course(s) offered:

<u>Description:</u>	Master first year: Droit des espaces internationaux (Law of international spaces, i.e. law of the sea, space law, antarctica) Master second year: Seminars in space law
<u>Status:</u>	Course integrated in the first year of master degrees in international law, law of the sea and public law. (fourth year) Seminar in the master ii (fifth year)
<u>Language:</u>	French
<u>Levels:</u>	Course: fourth year (master first year) Seminar: fifth year (master ii)
<u>Rank:</u>	The course of master i is compulsory for some master ii, optional for others.
<u>Duration:</u>	Course in master i : 30 hours Seminar in master ii : 10 hours
<u>Credits (ECTS):</u>	Written and oral exam 5 ects credits Credits allowed for participation in the ECSL summer course.
<u>No. Students:</u>	Course in master i : around 50 (non limited) Seminar : 25 (limited participation)
<u>Start:</u>	Second semester (february to may)
<u>Student Exchange:</u>	Course: yes : erasmus students Seminar: possible

Library:

Access to the university and faculty libraries, to the library of the cedem (centre de droit et d'économie de la mer) and ideit (institut de droit des espaces internationaux et des télécommunications).

Publications:

Many dissertations (mémoires de maîtrise), thèses (thierry lemaire: la télédétection spatiale à haute resolution, aspects juridiques december 2003)

Course Content:

The purpose of the course is to systematically compare international law as applied in the various spaces where no states have territorial jurisdiction. the lessons of the law of the sea, existing for long, as well as the lessons of the internet as a new virtual international space are used to highlight the issues of space law.

Droit des espaces internationaux

Introduction :

L'espace et le droit, imperium et dominium

Chapitre 1 la scène :

définition et délimitation des espaces internationaux :

La mer, l'espace extra-atmosphérique

Chapitre 2 : les acteurs de la pièce

section 1 les états souverains et organisations internationales.

section 2 les personnes privées

Chapitre 3 : communiquer

section 1 les transports

section 2 les télécommunications

Chapitre 4 : observer et rechercher

section 1 la recherche dans les espaces internationaux

section 2 la télédétection spatiale

Chapitre 5 : produire et exploiter

section 1 en mer

section 2 dans l'espace

Chapitre 6 : protéger les espaces

section 1 la réglementation antipollution

section 2 la responsabilité

Chapitre 7 : combattre

section 1 en mer

section 2 dans l'espace

Université de Paris Sud –11. Institute of Space and Telecommunications Law (IDEST)

Faculty Jean Monnet, Institute of Space and Telecommunications Law (IDEST)

54, Boulevard Desgranges
92331 Sceaux cedex, France

Contact Information:

anne-sandrine.buat@jm.u-psud.fr
33 (0)1 40 53 03 73

websites :

University : www.u-psud.fr

Faculty : www.jm.u-psud.fr

Institute : www.idest-paris.org

Programm(es)/Course(s) offered:

- Description: 1) Master in Space Activities and Telecommunications Law
2) PhD in Law speciality Space Law
3) Course in Space, Telecommunications and Media Law in the Master of International and European Law
- Language: French
Some classes are in English – exams can be taken in French or in English
- Levels: Postgraduate : Master and PhD
- Rank: Compulsory Courses
- Duration:
1) Master in Space activités and Telecommunications Law = 280 hours – not including professional visits and special conferences :
- Six months classes in Paris (October – March)
- Three to six months placement (in France or abroad)
- Placement can be replaced by a master thesis
- Placement is not compulsory for professionals students
2) PhD in Law, speciality space law = 3 years
3) Course in Space, Telecommunications and Media Law in the Master of International and European Law = 36 hours
- Examinations: Written and oral exams, workshops, homework
- Credits (ECTS): The Master in Space and Telecommunications Law represents 60 ECTS
- Students: Maximum : 25
- Student Exchange: Yes
- Library: Yes (includes computer facilities)

Experience:

The Faculty Jean Monnet is specialised in space law teaching since 1995.

- 1) The Master in Space Activities and Telecommunications Law started in September 2002
- 2) The PhD programme in law speciality space law started in 1996
- 3) The course in Space, Telecommunications and Media Law in the Master of International and European Law started in February 2001

Publications:

Every year students may publish their work in various journals in space and telecommunications law

<u>Professor(s):</u>	Philippe Achilleas	Armel Kerrest
	Agathe Lepage	Jean-Michel Communier
	Jean-Marc Peyrical	

Special events related to space law organised in the faculty:

- 1) Thesis
 - Students may continue their master with a Doctorate thesis
 - Students may be directly accepted in Doctorate after another Master in Law or in Political Sciences
 - List of students registered in Doctorate thesis :
 - Macha Ejova : Aerospace cooperation between Russia and Europe
 - Atsuyo Ito : Legal issues of using space for disaster management and sustainable development
 - Amal Rakibi : Legal consequences of dual-use technologies
 - Yuri Takaya : Legal issues of outer space weaponization
- 2) Research projects
 - Students participate to professional researches in collaboration with space and telecommunications institutions (CNES, EADS, ESA, ISU...)
 - The 2004-2005 class students participated to the following projects:
 - Future Singapore Space Tourism Legislation (ISU contract)
 - Elaboration of French National Legislation (CNES contract)
 - Worldwide export control guide (in collaboration with EADS Space)
 - Students Space Exploration and Technology Initiative – SSETI (ESA project)
- 3) Conferences
 - In September 2004, the Institute of Space and Telecommunications Law has organised in collaboration with ECSL, ESA, the COMEST and UNESCO a Colloquium on Legal and Ethical Framework for Astronauts in Space Sojourns
 - The Institute of Space and Telecommunications Law is an accredited institution to the World Information Society Summit, organised by ITU and Students will participate the second phase held on in Tunisia in November 2005

Participation in ECSL Summer Course.

Additional information:

Master in Space Activities and Telecommunications Law

Objectives

An innovative approach. The first qualification in the world to link the study of the law of space activities with the law of telecommunications, this course has been set up with the support of professional bodies to meet the needs of rapidly expanding industries, looking for highly qualified young graduates.

Training for professionals. 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 industries. Core subjects are complemented by practical seminars and a long-term work placement, which familiarises the student with the professional world. Regular and lasting contact with the commercial market is gained through an educational team consisting mainly of industry professionals, classes taught by future employers, lectures given on the premises of large companies and prestigious institutions, visits and professional trips and through a network of former graduates.

European and international training. The course encompasses Europe and the wider world through teaching which combines a national and transnational approach to problem solving, lessons held in French and English, a multicultural team of lecturers, classes consisting of 50% overseas students and participation in a large number of international events.

An interdisciplinary course. The course is designed with 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 centre. The 'Institut du Droit de l'Espace et des Télécommunications' (IDEST), to which this course is attached, is recognised as one of the most active centres 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.

Career Prospects

One course, a range of competencies. The aim of the course is to enable the development of a variety of competences: learning and analysis of all legal matters relating to the development or management of space programmes and telecoms projects; rapid integration into business 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.

One course, a range of job prospects. The targeted job sectors are essentially: civil or military space-based applications, from telecoms to television, remote sensing and navigation; construction of space objects and the supply of their components; aeronautics; network and telecom service operators; equipment suppliers; communication and media. There are numerous prospects in terms of the nature of organisations which are targeted (at home and abroad, public and private), their activities (e.g. regulation, research and development; commercial exploitation; law, specialist or insurance companies) and the services provided (e.g. legal, commercial, administrative, financial, international relations, project management).

Where can our former students be found? At the European Space Agency, Autorité de Régulation des Télécommunications, French Ministry of Defence, Bird & Bird, CNES, EADS, Euroconsult, Hellasat, Marsh, SES Astra, SCOR and White & Case, to name but a few.

Entry Requirements – Course fees

The course is open to holders of a maîtrise or those who have completed the first year of a French Masters course in law, economics, management, political sciences or science; holders of an engineering degree or of any other French or overseas degree which is considered to be of an equivalent level; of any professional experience considered to be of

an equivalent level. The maximum number of students is 25. The French government pays the course fees. Students must only pay the university registration fees and social security costs (approx. 600 Euros in total).

Programme 2004 - 2005

Professional module

SEMESTRE 1

Core lectures

International and European Economic Law - 25 h

Space and satellite applications law - 35 h

Telecommunications and information technology law – 40 h

Seminars 1: Science and telecommunications sciences

Introduction to space technologies – 10 h

Introduction to telecommunications networks - 10 h

Seminars 2: Law and institutions

International and European space institutions - 10 h

Comparative law - 15 h

Conferences and workshops -15 h

Optional seminars : Introduction to law (for non-law students) - 10 h ; Introduction to intellectual property - 36 h ; Corporate law - 30 h

Séminars 3: Contracts

Space and contracts - 15 h

Telecommunications and contracts - 10 h

Public contracts and International Organizations contracts -10 h

SEMESTRE 2

Core Lectures

International and European Law of Intellectual Property- 25 h

Seminars 4: Markets

International, regional and national space markets - 20 h

Telecommunication market regulation - 10 h

Seminars 5: Management

International and national frequencies management -10 h

Risk management -15 h

Seminars 6: Policy

Geopolitics of Space and telecommunications -10 h

International cooperation and export control -10 h

Seminars 7: Specialisation

Option A – Satellite applications - 50 h

Remote sensing, environment and land management

Management of broadcasting and Internet via satellite

Law and policy of satellite positioning

Space, security and defense

Air law

Or Option B – Information society - 50 h

Audiovisual law

Telecommunications and local communities

E-business law

Information society economics

Telecommunications and competition law

Work Placement – 3 to 6 months in France or abroad.

Research module

Students follow 280 hours of classes including core subjects and specialised seminars to be selected from a list of options to best compliment the research topic.

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

Educational Team

Director

Mr Achilléas, University Paris 11

Professors

Mr Cohendet, University Louis Pasteur (Strasbourg)

Mr Communier, University Paris 11

Mr Dubuisson, University of Brussels (ULB)

Mr Gille, Telecoms Paris

Mr Faraminian, University of Jaén (Spain)

Mr Kerrest, University of West Brittany

Mr Latreille, University Paris 11

Mrs Lepage, University Paris 11

Mr Peeters, International Space University

Mrs Ravillon, University of Bourgogne

Mr Sirinelli, University Paris I

Mrs Stojak, McGill university (Canada)

Mr Strubel, National Telecommunications Institute

Mrs Vèque, University Paris 11

Practitioners

Mr Aubin, EADS

Mr Brachet, French Space Agency (CNES)

Mr Clerc, Arianespace

Mr Crapart, Bird & Bird

Mr Da Costa, Marsh S.A

Mrs de Cadaran, Neuf Telecom

Mrs Garrouste, French Space Agency (CNES)

Mrs Gaubert, Marsh S.A.

Mr Gainon, AFOM

Mr Giget et Euroconsult Team, Euroconsult

Mr Farand, European Space Agency

Mr Ferrazzani, European Space Agency

Mr Hernandez, French Space Agency (CNES)

Mr Itéanu, Itéanu et associés

Mr Lafferranderie, ESA / European Center for Space Law

Mr Le Goueff, LE_GOUEFF @vocats

Mrs Lepage, Le Nouvel Observateur

Mr Pasco, Strategic Research Foundation

Mr Rambeauville-Nicolle, French Society for Air and Space Law
Mr Rancy, French National Frequencies Agency
Mr Roelandt, SES - Astra
Mr Roisse and Eutelsat Team, Eutelsat S.A.
Mr Santoni, Marsh Conseil
Mrs Sourbes Verger - National Scientific Research Center
Mr Taillanter – French Telecommunications Regulatory Authority
Mr Therry - French National Frequencies Agency
Mr Thorin – French Space Agency (CNES)
Mr. Vigny, French Society for Air and Space Law
Mr Zermati, Arianespace

Students will have the opportunity to participate in specialised conferences. The class of 2004 / 2005 benefited from talks given by representatives of the following organisations: AFOM, ESA, EADS, EBU, WIPO, ITU, UNO, WTO, World Disarmament Conference.

Sponsor

Every year the Master is sponsored by a space or telecommunications institution :

- 2002 / 2003 class : CNES
- 2003 / 2004 class : ESA
- 2004 / 2005 class : EADS Space

L'Institut du Droit de la Paix et du Développement de l'Université de Nice - Sophia Antipolis

« Villa Monique »
39, avenue Emile Henriot
06050 Nice Cedex 1
Tel. : + 33-(0)4-92 15 71 94
Fax: + 33-(0)4-92 15 71 97
e-mail: cammarer@unice.fr
<http://www.unice.fr/html/idpd/>

L'Institut du Droit de la Paix et du Développement de l'Université de Nice - Sophia Antipolis, est une U.F.R. de l'Université de Nice-Sophia Antipolis, créée en 1968 par le Professeur René Jean DUPUY. L'objet de l'Institut est d'étudier les problèmes actuels du droit international public et privé et des relations internationales dans leurs dimensions juridiques, politiques, économiques et stratégiques.

La vocation internationale de l'Université de Nice - Sophia Antipolis a été affirmée dès sa création. Elle correspond à la situation de la Ville de Nice, lieu de rencontre privilégié.

En 1968, le professeur René Jean DUPUY créait dans le cadre de l'Université de Nice, une Unité d'Enseignement et de Recherche (U.E.R.) au sens de la loi française d'orientation de l'enseignement supérieur consacrée au droit international Cette Unité d'Enseignement et de Recherche (devenue Unité de Formation et de Recherche –U.F.R.), appelée Institut du Droit de la Paix et du Développement, est une unité de IIIème cycle. Elle accueille chaque année, plusieurs dizaines d'étudiants de 35 nationalités différentes. L'Institut a été dirigé par le professeur René Jean DUPUY jusqu'à sa nomination au Collège de France en 1979 ; cette fonction a été ensuite assurée par le professeur Louis BALMOND. L'objet de l'Institut est d'étudier les problèmes actuels du droit international public et privé et des relations internationales dans leurs dimensions juridiques, politiques, économiques et stratégiques. Paix et développement sont indissociables. A ce titre, l'enseignement et les recherches à l'Institut mettent notamment l'accent sur le maintien de la paix et le droit humanitaire, les droits de l'homme, la coopération internationale, les organisations internationales, tant universelles que régionales, parmi lesquelles la Communauté Européenne en raison de son importance dans les relations commerciales et de l'originalité de son modèle de coopération avec le Sud, la gestion des ressources et des espaces maritimes. A cet effet, l'enseignement et la recherche sont étroitement coordonnés. Un Diplôme d'Etudes Approfondies (D.E.A.) de Droit International Public et Privé et un D.E.A. de Droit et Financement du Développement ont été habilités par le Ministère de l'Education Nationale, ainsi que, dernièrement, deux Diplômes d'Etudes Spécialisées (D.E.S.S.) : le D.E.S.S « Droit et pratique des affaires internationales », et le D.E.S.S. « Défense et Sécurité », en collaboration avec l'Université de Toulon et du Var. Une Maîtrise « Droit international » a été co-habilitée avec la Faculté de Droit et des Sciences Economiques. Des diplômes d'université sont également délivrés. Parallèlement, quatre centres de recherches couvrent les différents pôles d'activités de l'Institut. La conjugaison de ces instruments d'enseignement et de recherche a permis depuis la création de l'Institut la soutenance de plusieurs centaines de mémoires et de thèses de Doctorat.

Fidèle à sa situation géographique méditerranéenne, l'Institut entend demeurer un lieu privilégié de recherches et de contacts internationaux associant professeurs, chercheurs et étudiants, juristes, économistes et politologues de toutes nationalités. Le rapport publié en mars 1992 par le Comité National d'Evaluation souligne que le statut d'U.F.R. de l'Institut « lui offre la situation unique et privilégiée en France de pouvoir, dans le domaine du droit international, encadrer dans de bonnes conditions un effectif réduit d'étudiants et de poursuivre parallèlement des programmes de recherche à la valeur consacrée.

L'organisation, dans le cadre attractif de la Ville de Nice, de colloques réunissant des internationalistes venus tant des pays méditerranéens et africains que du continent américain, contribuent au prestige de toute l'Université. Le Conseil Scientifique de ladite Université ne s'y est pas trompé puisqu'il a classé l'I.D.P.D. comme pôle d'excellence ». L'Institut est l'une des trois U.F.R. domiciliées sur le Domaine Louis Trotabas de l'Université de Nice-Sophia Antipolis. Il y dispose de plusieurs salles destinées à l'enseignement et à la recherche. La bibliothèque met à la disposition des étudiants et des chercheurs près de 4000 ouvrages, 266 titres de périodiques dont 180 abonnements en cours et d'autres documents tels que publications à mises à jour

(Juris - classeur), feuillets d'information en provenance des Nations-Unies. L'Institut a la responsabilité scientifique du Centre de Documentation Européenne situé à la Bibliothèque Section Droit.

L'Institut a accueilli en 2001 le Cours d'Été sur le droit de l'espace de l'ECSL. Il organise des conférences dans le domaine du droit de l'espace et les étudiants peuvent y soutenir thèses et mémoires (Protocole UNIDROIRT sur les biens spatiaux, etc.).

Germany



The University of Cologne

University of Cologne

Faculty of Law Institute of Air and Space Law

Albertus-Magnus-Platz
50923 Köln
Germany

Contact Information:

Prof. Dr. Stephan Hobe, LL.M.
Phone: +49 (0)221 - 470 2337
Fax: +49 (0)221 - 470 4968
E-mail: Sekretariat-Hobe@uni-koeln.de
Homepage: <http://www.uni-koeln.de/jur-fak/instluft/>

Programm(es)/Course(s) offered :

Description:

The lecture on air and space law, offered every summer semester, gives an overview of the relevant legal instruments and current problems in air and space law, e.g. legal issues connected to the International Space Station ISS; GALILEO; Cooperation between ESA and EU etc. 7 out of 14 sessions are dedicated to space law.

The seminar on air and space law, offered every winter semester, is dedicated to current issues of air and space law. Half of the topics are dedicated to space law. Practitioners are invited to give their share their views with the students.

Prof. Hobe also supervises doctoral theses investigating various issues of space law. A seminar for doctoral students is offered every semester.

More information on courses offered by the Institute can be found on our homepage:
<http://www.uni-koeln.de/jur-fak/instluft/>

Level:

- Undergraduate
- Graduate
- PhD

Modular structure :

- Lecture on air and space law
- Seminar on current issues of air and space law

Requirements: Fluency in German; basic knowledge of public international law

Credits (ECTS):

- Lecture: 2 credits (2 hours/week)
- Seminar: 2 credits (2 hours/week)
- Seminar for doctoral students: 2 credits (2 hours/week)

Tuition & fees: None

Funding & Scholarships: None

Professor(s): Prof. Dr. Stephan Hobe, LL.M.

Special events related to space law organised in the faculty:

Annual meeting of the German Society of Air and Space Law

Regular workshops in the framework of "Project 2001 Plus" (<http://www.project2001plus.uni-koeln.de>); space law related workshops so far:

"Legal Aspects of the Future Institutional Relationship between the European Union and the European Space Agency"; Brussels 5th/6th December 2002

"Towards a harmonised approach for National space legislation in Europe"; Berlin, 29.-30.01.2004

University of Bremen

Bremen Law Faculty has been offering an optional space seminar within the framework of its Master's Programme in European Law since 2004. You can find out more by visiting the website: http://www.uni-bremen.de/studium/studium_en.php3

Italy

University of Padua



University of Rome "La Sapienza"

University of Milan

University of Genova

University of Genova

Faculty of Law, Public International Law

Via Balbi 5
16100 Genova, Italy

Contact Information:

Corrado Medina and or/ Carlo Golda
Phone: +39 010 2099213
Fax: +39 010 2099278
E-mail: goldalaw@yahoo.it

Programm(es)/Course(s) offered:

Description: Public and private law related to sp. activities; emphasis on last international business law issues related to sat-activity (sat-com and rem. sensing)

Faculty & Lectures: Corrado Medina and Carlo Golda

Requirement: As for all law fac. courses

Modular Structure: 15 h. in 3 months (mar-apr-maj 2005) ; for 2006 to be confirmed

Credit (ECTS): As per national/EU law

Tuition & fees No extra costs for the course, only buy the books; tuition only for Major works (final thesis of the Law course, if the argument selected is Space Law

Funding & scholarships: Not available

Past experiences: Normal law student c.v. including, in particular, international law exam already given

Professor(s): Carlo Golda

Special events related to space law organised in the faculty:
Presentation of ECSL activity (mainly Moot Court); and of ISU activity

University of Milan

Faculty of Political Sciences

Via Conservatorio,
7-i 20122 Milan. Italy

Contact Information:

Prof. Gabriella Venturini
Tel: +39 02 50321056
Fax: +39 02 50321050
E-mail: frank.gabriella.venturini@unimi.it

Programm(es)/Course(s) offered:

Description:

Fundamental principles of space law, UN treaties, international organizations and private undertakings, satellite communications, ESA and EU space policy

Level: Masters programmes

Faculty: Laurea specialista (post. graduate Master's course) in international relations- year 2

Modular structure: 40 hours

Requirements: Degree in international studies or political sciences

Credits (ECTS): 6

Tuition & fees: None

Funding & scholarships: None

Professor(s): Prof. Gabriella Venturini

Special events related to space law organised in the faculty:

Lectures given by researchers and experts from academia and international organisations.

University of Padua

Faculty of Political Sciences Department of International Studies

Via del Santo 77
35123 Padua, Italy

Contact Information:

Person: Prof. Dr. Elisabeth Back Impallomeni
Phone: +39/49/827 8354
Fax: +39/49/827 8355
E-mail: back@dsi.unipd.it or back.impallomeni@tiscalinet.it

Programm(es)/Course(s) offered:

Description:

Introduction to the main sources of space law (Treaties and UN Resolutions).
Contribution of the United Nations (COPUOS) to the progressive development of space law and its effectiveness.
Privatisation of space activities.
International cooperation in outer space-International Space Station (ISS).
International Property Rights and space activities

Faculty & Lecture: "Diritto Internazionale delle Attivita' Spaziali"

Modular Structure: Lectures on Space Law (Undergraduate Programme)
Seminar on Intellectual Property Rights (Dottorato di ricerca)

Requirements: Basic knowledge of International Public Law, knowledge of Italian

Credit (ECTS): 30 hours= 4credits (Undergraduate Programme)
12 hours= attendance compulsory (Dottorato di ricerca)

Tuition & Fees: Regular University fees (Undergraduate Programme)
None (Dottorato di ricerca)

Funding & Scholarships: None

Professor(s):

Prof. Elisabeth Back Impallomeni (University of Padua, Italy)
Prof. Vladimir Kopal, Guest Lecturer (University of Pilsen, Czech Republic)
Prof. Frans Von Der Dunk, Guest Lecturer (University of Leiden, The Netherlands)
Dr. Marco Ferrazzani, Guest Lecturer, European Space Agency (ESA)

Past experiences:

Many students after having attended my course decided to participate in the ECSL Summer Course on Space Law and Policy and consequently prepared their final thesis on subjects pertaining to space law.

Special events related to space law organised in the faculty:

Guest Lectures (see above)

University of Rome “La Sapienza”

Faculty of Law and Political Sciences

Piazzale Aldo Moro, 5
00185 Rome

Contact Information:

Prof. Sergio Marchisio
Phone: +39-06-4993.7667/4993.7660
Fax: +39-06-44340025
E-mail:
Professor Marchisio: sergio.marchisio@isgi.cnr.it
Isgi's Secretary: segreteria@isgi.cnr.it

Programm(es)/Course(s) offered:

Description:

Course of Air and Space Law. The course is focused on: the basic legal features of space activities in outer space; the exploitation of the space for peaceful uses; legal sources and codification of space law; space treaties; the UN and COPUOS role; actors in space activities (states and international organizations); the international co-operation; the main space activities (i.e. launch, satellite telecommunications, satellite navigation, remote sensing), the international responsibility for space activities; the European Space Agency; other space organizations; national legislation on space

Faculty & Lectures: Faculty of Law
Faculty of Political Sciences

Modular Structure: 1 semester

Requirements: Course open to University students

Credit (ECTS): 7 Credits

Tuition & fees: University fees

Funding & Scholarships: None

Professor(s): Prof. Sergio Marchisio, Prof. Ornella Ferrajolo; Prof. Viviana Lavicoli

Special events related to space law organised in the faculty:

None so far

Rome University “La Sapienza”, Latina branch

Faculty of Economics, Department of Diritto Privato e Comunitario

Rome University “La Sapienza”, Latina branch
 Roma: Via Castro Laurenziano n° 9, 00161 Roma
 Latina: Viale XXIV Maggio, Latina (new residence)

Contact Information:

Prof. Gabriella Catalano Sgrosso
 Phone: + 39 06 491665, Latina + 39 0773 629935-39
 Fax: +39 06 49766281, Latina: + 39 0773 629943-37
 E-mail: gabriella.catalano@uniroma1.it or gab.sgrosso@aliceposta.it

Programm(es)/Course(s) offered:

Description:

Give a brief description of the programme: Diritto Internazionale dello Spazio
 Exploration and use of outer space: basics of space law, principles of space law: (province of all, pacific use of outer space, liability), space objects (satellites, manned spaceflight, space transport systems, registration), humans in space (status of astronaut, the rescue agreement, IGA for the International Space Station, crew conduct code)
 Legal aspects of Space activities: remote sensing and environment, meteorology, UN principles, data commercialisation, natural disasters
 Outer space commercialisation: launching systems, communications satellites, satellite navigation, solar power satellites, insurance for space activities, research in space

Level: Advanced, postgraduate course

Faculty: Faculty of economics

Modular structure: Course of 50 hours in the 1st semester (1 oct. - 22 dec.)

Requirement(s): First level degree (3 years)

Credits (ECTS): 5 credits

Tuition & fees: Only university fee

Funding & scholarships: University of Rome information

Professor(s): Prof. Gabriella Catalano Sgrosso

Special events related to space law organised in the faculty:

Conferences of Italian and Foreign Professors, European study tour to international organisations and ESA, Paris for the student's course

The Netherlands



The University of Leiden Kamerlingh Onnes Building

University of Leiden

Faculty of Law- International Institute of Air & Space Law

Steenschuur 25, 2311 ES Leiden (Visiting address)
Postbus 9520, 2300, RA Leiden, The Netherlands (post address)

Contact Information:

Dr Frans von der Dunk, Mr. Ulrich Theis
Phone: +31 71 527 7724
FAX: +31 71 527 7509
E-mail: F.G.vonderdunk@law.leidenuniv.nl
Website: <http://iiasl.leiden.edu/>

Programme(es)/Course (s) offered:

- Description: LL.M. Programme in Air & Space Law
PhD. Programme in Air or Space Law
Modulars in Space Law
Aerospace Law (undergraduate course)
LL.M/MBA Joint Programme in Air & Space Studies
- Level: Undergraduate, Masters, Research activities/PhD Programme, short programmes, others
- Faculty:
Prof. Peter Haanapel, Dr. Pablo Mendes de Leon, Dr. Frans von der Dunk and a number of prominent guest lecturers from industry, government and organisations, Prof. Avv. Carlo Golda
- Modular structure: Full time LL.M and LL.M/MBA programme, PhD Programme, Modules from the LL.M. in space law 1, 5-3 months
Part-time structures for the LL.M.
individual arrangements possible
- Entry requirement: Law degree or equivalent e.g. professional experience in the field of space or aviation
- Credits (ETCS): LL.M Master of Laws,
Master of Business Administration and Masters of Laws, Doctor in Law
- Tuition & fees: LL.M €12 000
LL.M/M.B.A €28 000
PhD. €13 000 (fee includes tutoring, subject to change)
Modular €3000
- Funding & scholarships: Companies, governments, web page university
- Past experiences: Very good, 5 years LL.M programme now with mandatory internship
- around 100 students in total from all over the world
- Professor(s): Prof. Peter Haanappel
Dr Frans von der Dunk

Special events related to space law organised in the faculty:

Regular conferences, workshops, see web page

The Expanding Leiden IIASL Teaching Programme

In the academic year 2000-2001, the Leiden International Institute of Air and Space Law (IIASL) started a one-year full-time post-graduate Master of Laws (LL.M.) Programme in International Air and Space Law. The programme consisted first of all of the following six core teaching modules.

Public Air Law: Treaties and Institutions. This course covers the Chicago Convention system on international civil aviation, including its drafting history, bilateral air service agreements, criminal law treaties and arrangements, the International Civil Aviation Organisation, the International Air Transport Association, and other public and private organisations, both world-wide and regional, such as ACAC, AFCAC, LACAC, ECAC, ICC, OECD, UNCTAD and WTO.

Private Air Law: Treaties and Cases. The course deals with introductory private law notions, with the Warsaw system of air carrier liability, third party liability (for compensation with respect to third parties on the ground), rights and securities in aircraft, liability of air traffic controllers, manufactures and operators of airports and more recent regulations, including the Montreal convention of 1999 and EC legislation as well as court decisions.

Space Law: Treaties and Law Making. This course discusses the genesis, substance and future of the *corpus iuris spatialis* (consisting of the Outer Space Treaty, including its drafting history, the Rescue and Return Agreement, the Liability Convention, the Registration Convention and the Moon Agreement), more recent UN international legal instruments at the level of so-called Principles, and the institutional legislative process in relation to law-making for outer space activities, with particular emphasis on law-making in the United Nations Committee on the Peaceful Uses of Outer Space. Furthermore, a special project will focus on the policy issues behind the law making process, both at the international and at the national level.

Space Law: Applications, Institutions and National Law. This course covers the legal and policy aspects of current and future outer space activities, both space and earth oriented, such as research and development programmes, remote sensing, military uses, telecommunications, direct broadcasting, copyright implications, private space activities including launching, space transportation systems, and GNSS. The many special institutions and intergovernmental organisations involved will be dealt with, such as ESA, INTELSAT, INMARSAT, EUTELSAT and EUMETSAT. Also, the implementation of the international rules at the domestic level by means of national space legislation will be covered.

Air Transport Competition Law and Policy: As aerospace activities are increasingly privatised, corporatised or commercialised, the application of anti trust and competition laws takes on a special significance. This seminar deals with EU competition and US anti-trust law and policy. Special attention will be given to the attempts to harmonise the application of competition law and policy at the intergovernmental level.

European Aerospace law: This course examines recent developments in air and space law, with particular reference to Europe and the European institutional context. At the present time, such recent developments include EU & ESA space programmes; aviation safety issues including the Revised Eurocontrol Convention; the Galileo and GMES programmes; EU air transport liberalisation and EU competition law as applied to air and space activities including slot allocation; and private law issues such as airline alliances, airport privatisation,

environmental protection, the application of world-wide air carrier liability rules in a European context, and licensing of telecommunications operators.

Depending upon particular interests and qualifications, additional courses were added to the programme. In addition to the six core teaching modules, two more mandatory requirements formed part of the core curriculum as follows.

Elective Course or Internship. With the assistance of and subject to the approval of the Programme Director participants will either follow a complementary course in another programme, or they will do an internship in an airline, airport, space industry company, satellite communications company, law firm, civil aviation or other governmental authority or international organisation in the field of aviation or space activities.

LL.M. Thesis. Participants have to write a thesis based upon dedicated research, under the supervision of a Faculty member, according to Faculty rules, on a subject of air and/or space law and policy.

The LL.M. Programme, which is currently in its fifth year, was annually attended by around fifteen participants, from literally all corners of the world – including from space powers such as the United States, Russia, China, Japan, Indonesia, India France, Germany and Italy as well as from countries such as Peru, Namibia, United Arab Emirates, Macedonia and Serbia. About half of the participants were freshly graduated from University or college, looking for a career in air or space law; the other half were practitioners with working experiences in the relevant fields ranging from a few to as much as twenty years, making for a very interesting and lively class interaction.

In the course of the first few years of the programme it soon became apparent that, in addition to the interest in the basic, full-year LL.M. Programme, there was substantial interest in the programme itself or certain parts of it which could not be accommodated by that version of the programme. As a consequence, over the last years the IASL has developed alternative options to the basic programme.

Firstly, a prolonged version of the programme was established, which allowed the participants to take two-and-a-half years maximum for conforming with all the requirements. This allowed in particular participants with professional obligations to spend, as spread out over two-and-a-half years, just two periods of some four months in Leiden for the six mandatory modules.

Secondly, it became possible to participate in individual teaching modules, allowing for even more flexibility and less need for long-term presence in Leiden. For the purpose of the particular module(s) involved, the student was part of the LL.M. class and had to fulfil the same requirements. At the end, instead of an LL.M. Diploma he or she would be given a Modular Certificate.

Thirdly, as of the present academic year (2004-2005) it has become possible to offer to very ambitious candidates an LL.M./MBA Joint Degree Programme in Aerospace Studies in conjunction with the Leiden University School of Management. The Joint Degree Programme within the span of twelve months comprises an international workshop, four mandatory courses in basic management, four mandatory courses from the LL.M. programme properly speaking (Public Air Law: Treaties and Institutions, Private Air Law: Treaties and Cases, Space Law: Treaties and Law Making, and Space law: Applications, Institutions and National Law), an elective course, a projects workshop as well as a thesis or consulting project. For the air and space law courses, candidates form part of the LL.M. class properly speaking.

Fourthly, in principle as per the academic year 2005-2006 it would also be possible for professionals to follow a blended learning version of the LL.M. Programme, requiring only

limited physical presence in Leiden whilst most of the interaction and teaching will be conducted over the Internet in a controlled and secure environment.

Finally, as it turned out that a number of LL.M. students saw the LL.M. as an excellent first step to a Ph.D. in Leiden in air and/or space law, the IIASL has decided to offer a paid Ph.D. Programme to all those who do not qualify for a paid Ph.D. position at Leiden University. Candidates, of which currently a handful have started their research activities, are provided with a guaranteed number of contact hours with promotor and co-promotor, as well as access to necessary Faculty and other facilities, IIASL workshops and other events.

It is with this extended range of post-graduate teaching and supervision programmes that the IIASL hopes to continue to increased knowledge and understanding of the legal aspects of space activities – one of the core missions of the European Centre for Space Law – and to enhance the opportunities for young graduates to start a career in the space industry from a legal point of departure, respectively for professionals to boost such a career already started. For more information, you may wish to contact the Institute at +31-71-527.77.24 (phone), +31-71-527.76.00 (fax) or P.vanderwulp@law.leidenuniv.nl (e-mail), or visit the Institute's website at ...

Dr. Frans G. von der Dunk

Spain



University of Jaén

University of Jaén

Faculty of Law Department of Public International Law

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Prof. Rocío Caparrós del Moral / +33 (0) 1 53 697163 / caparrosrocio@hotmail.com

Programme (es)/ Course(s) offered:

Description: PhD: Fundamentals matters of Public Law;
Space Policy in the European Union
Law Degree; inside the matter of Public International Law II

Faculty & Lectures: "Faculty of Law: Law Degree and Business studies Degree"

Modular Structure: The Outer Space regulation in the United Nations framework
The International Cooperation in the Outer Space

Requirements: Law and Business studies students
PhD student
Basic knowledge of International Public Law
Knowledge of the Spanish language

Credits (ECTS): For Law and Business students: 4,5 academic credit
For PhD student: 3 academic credit
For all the students participating in ECSL Summer Course of ESA:
2 academic credit

Past experiences:

Participation in Manfred Lachs Moot Court Competition since 1995

Participation in ECSL Summer Course since 1992

Juan Manuel de Faramiñán Gilbert, member of the Court in 1993 Manfred Lachs Moot Court Competition

Juan Manuel de Faramiñán Gilbert, member of the Sub-Commission on the Ethics of Outer Space of the World Commission on the Ethics of Scientific Knowledge and Technology.

United Kingdom

University of Aberdeen



Queen Mary, University of London

University of Aberdeen

School of Law

Aberdeen AB24 3UB,
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Programme(s)/Course(s) offered:

Description: Space Law (Honours)
This is an optional one semester course. It is part of the Honours LL.B.
or Honours M.A. syllabus

Outline of the course(s):

7 topics covered: Sources of Space Law; Airspace and Space (the Boundary Question); the Outer Space Treaty, 1967; Control, Registration and Liability; Space Telecommunications; Radiocommunication and the ITU; Remote Sensing.

Course language: English

Course level: Honours LL.B. or M.A. (3rd or 4th year undergraduate)

Period: Second semester from 2006: 12 weeks.

Exam: 3 hour written exam, essay format.

No. Students: Recent years have varied from 27 to 48.

Did your university participate in the EC SL summer courses (when?):

Each year so far, except 2004.

Publications:

See Prof. Lyall entry in Aberdeen Law School website – via www.abdn.ac.uk

Past Experiences: First started in c. 1983 as a course in Air and Space Law, 1989 as Space Law simpliciter

Remarks / comments / suggestions :

The course can also be taken by students attending Aberdeen on a Socrates programme. Knowledge of Public International Law through a formal course is recommended, but not essential. One essay required during course, but it does not count towards the final assessment.

Queen Mary, University of London

Institute of Computer and Communications Law (ICCL) Centre for Commercial Law Studies

Roy Goode House
13-14 Charterhouse Square
London, EC1M 6AX

Contact Information:

Dr Ian Walden, Head of the ICCL or Mrs Mary Guest, Administrator, ICCL
Phone: + 44 (0) 20 7882 7704 (Dr Walden) / +44 (0) 20 7882 5725 (Mrs Mary Guest)
Fax: + 44 (0) 207 882 5767
E-mail: i.n.walden@qmul.ac.uk or admin@iccl.ccls.edu

Programme(s)/ Course(s) offered:

Description

An optional subject within the Master of Laws Degree (LL.M) course
The course is also open to persons including non-lawyers, not taking the LL.M degree

International programme dealing with introduction to space technology and applications; all relevant issues of space law, including UN Treaties and basic principles governing the exploration and exploitation of space; regulation of the frequency spectrum and orbits, and the role of the International Telecommunication Union (ITU); commercial uses of space including national licensing issues, satellite communications and direct satellite broadcasting; remote sensing; satellite navigation; intellectual property rights; launch facilities and the International Space Station; problems of space debris; commercial contracts for the procurement of satellites and launches, and space insurance.

Level: Postgraduate - Master of Laws Programme

Faculty & Lectures: Institute for Computer and Communications Law (ICCL)

Modular Structure:

14 two-hour lectures and written two-hour exam (half-subject for LL.M degree) or 14 two-hour lectures, a half-essay (8000 words) on a space law subject, and written two-hour exam (full-subject for LL.M degree)

Requirements: Law degree or equivalent for the LL.M degree or active experience or interest in space-related or other relevant subjects, for those not taking the LL.M degree and good knowledge of English

Credits (ECTS): Course Credit towards University of London LLM programme or certificate of attendance.

Tuition & Fees: £900

Funding &

Scholarships: Bursaries for two students up to 750 Euros each, provided by the ECSL

Past experiences: The course started at Queen Mary in the 2002 – 2003 academic year

Professor(s):

Mr David Sagar, former Senior Attorney, International Mobile Satellite Organization (Inmarsat), and experienced guest lecturers

Special events related to space law organised in the faculty:

Visit to the Satellite Control Centre of the International Mobile Satellite Organization (Inmarsat), London

List of ECSL National Points of Contacts (NPOCs)

More detailed information on the ECSL NPOCs is available on the relevant page of the ECSL Webpage www.esa.int/SPECIALS/ECSL/

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Charte du Centre européen de droit spatial (ECSL)

(Traduit de l'anglais le 11 février 2004)

(Amendée par l'Assemblée générale réunie le 15 juin 2001)

Considérant que, du fait de l'intensification des activités spatiales, les textes et les procédures à ce sujet sont de plus en plus nombreux, au niveau national comme au niveau international, ce qui rend l'accès à la documentation sur le droit spatial de plus en plus difficile,

Considérant le caractère pluridisciplinaire du droit spatial, qui couvre à la fois les règles relatives à l'accès à l'espace extra-atmosphérique et à son utilisation, ainsi que les moyens d'organiser et de conduire des activités liées à l'espace depuis la Terre, que ces règles soient d'ordre privé ou public,

Considérant l'accroissement régulier de la communauté des utilisateurs de l'espace (en tant que concepteurs, utilisateurs, opérateurs) et de ses besoins,

Reconnaissant le rôle de l'Agence spatiale européenne (ESA), conformément à sa Convention, qui consiste à faciliter l'échange d'informations scientifiques et techniques relevant des domaines de la recherche et de la technologie spatiales et de leurs applications,

Considérant l'initiative de l'Agence spatiale européenne, qui propose la création d'un Centre européen de droit spatial,

Considérant que la création de ce Centre favorisera la recherche concernant le droit spatial, renforcera les connaissances dans ce domaine en Europe, au bénéfice des universitaires, des étudiants et des professionnels, et améliorera en outre l'image de l'ESA,

Les participants à cette initiative et le Directeur général sont convenus des dispositions suivantes concernant les objectifs et le fonctionnement du Centre :

ARTICLE PREMIER – CREATION DU CENTRE

1. Un Centre européen de droit spatial, ci-après dénommé « le Centre », est créé par les présentes. Le Centre fonctionne en liaison étroite avec l'Agence spatiale européenne (ESA), représentée par un membre du personnel nommé par le Directeur général sur la base de ses compétences en droit international et en droit spatial.
2. L'unité administrative principale du Centre est normalement située au Siège de l'ESA, 8-10 rue Mario Nikis, 75738 Paris Cedex 15, France.
3. Toute personne physique ou juridique des États membres de l'ESA, de ses États associés et d'autres États européens ayant conclu un accord de coopération avec l'ESA qui souhaite voir se développer le droit spatial et accepte la présente Charte peut devenir membre du Centre. Les membres peuvent être par exemple : des instituts ou autres organismes universitaires européens, des universitaires, des membres d'administrations ou d'organisations spatiales de pays européens, l'ESA elle-même et son personnel, d'autres institutions internationales européennes ou des personnes en faisant partie, des personnes appartenant à des organismes européens du secteur privé et à des cabinets d'avocat et de conseil européens, des particuliers ressortissants des États membres de l'ESA, des États coopérants et des États associés européens. Si un candidat ne remplit pas les conditions du présent alinéa, la Commission visée à l'Article 5 ci-après peut néanmoins décider à titre exceptionnel d'accepter son adhésion.
4. La procédure à suivre pour devenir membre du Centre consiste à poser sa candidature, à l'invitation du Secrétariat de l'ECSL, conformément aux dispositions du présent Article. La Commission renouvelle les adhésions chaque année.

5. Les membres du Centre contribuent à son fonctionnement en versant une cotisation annuelle. Le montant de la cotisation est déterminé lors de l'Assemblée générale, sur proposition de la Commission. La Commission peut recommander que certaines catégories versent une cotisation réduite ou en soient exemptées. Les paiements sont adressés au Secrétariat. La Commission est investie du pouvoir d'administrer ces fonds, compte tenu des règles financières applicables de l'ESA.

ARTICLE 2 – OBJET

Les principaux objectifs du Centre sont les suivants :

1. tirer parti des activités menées et des ressources disponibles en Europe dans le domaine de la recherche sur le droit spatial, les compléter et encourager leur développement, y compris sur le plan de la documentation, de façon coordonnée ;
2. promouvoir la connaissance du droit applicable aux activités spatiales et stimuler l'intérêt pour celui-ci et encourager à cette fin les activités de recherche, y compris la diffusion des informations et l'organisation d'ateliers ;
3. organiser, notamment dans le cadre de colloques et autres réunions, des échanges d'informations et d'idées entre disciplines et pays différents afin d'améliorer à la fois les connaissances techniques des personnes intéressées par la recherche dans le domaine du droit spatial et les connaissances juridiques des personnes intéressées par l'élaboration, l'utilisation et l'exploitation des technologies spatiales ;
4. encourager les échanges directs entre les membres et leurs organisations, notamment par la mise en place de « points de contact nationaux » (NPOC) dans les États membres de l'ESA, ses États coopérants et ses États associés ;
5. identifier des thèmes liés au droit spatial dans lesquels il faudrait encourager la recherche universitaire et la formation, du niveau maîtrise au niveau post-doctorat ;
6. identifier des domaines d'activités spatiales dans lesquels une réglementation serait appropriée ; étudier et proposer des principes et des projets de normes susceptibles d'être promus au niveau national ou européen ;
7. promouvoir la mise en place et le développement de centres nationaux de recherche en droit spatial et les aider en leur donnant accès aux ressources disponibles en Europe pour la recherche ainsi qu'en leur fournissant des conseils de nature technique ou autre. La Commission peut adopter d'autres objectifs, sous réserve de leur confirmation ultérieure par l'Assemblée générale.

ARTICLE 3 – RESSOURCES ET SERVICES

A. Le Centre bénéficie de ce qui suit :

1. sur le plan des ressources humaines : de la mise à disposition de personnel de l'ESA travaillant dans les domaines juridique, contractuel et politique ; de boursiers affectés au Centre par ses membres ; d'étudiants et de bénévoles ;
2. d'équipements et d'espace de bureau, ainsi que d'un soutien institutionnel et technologique (notamment réseau informatique), fournis par l'ESA (Siège et autres Établissements). Certaines entités nationales pourraient néanmoins être sollicitées pour la fourniture de ressources complémentaires.

B. Le Centre proposera les services suivants (cette liste n'est pas exhaustive) :

1. une base de données en ligne, actualisée, sur les ressources en matière de droit spatial disponibles au sein des États membres de l'ESA, de ses États coopérants et de ses États associés, ainsi qu'un inventaire des travaux de recherche sur le droit spatial menés en Europe comprenant notamment une liste de thèses ;
2. une analyse de l'enseignement dispensé en Europe en matière de droit spatial ;
3. un accès au service de ressaisie de l'information (IRS) de l'ESA et la possibilité de l'utiliser, y compris à des fins de courrier électronique, dans le respect des règles en vigueur à l'ESA ;
4. un accès à la bibliothèque du Siège de l'ESA (et aux bibliothèques de l'ESTEC, de l'ESOC et de l'ESRIN), selon les conditions d'accès et d'utilisation appliquées normalement aux personnes relevant de la juridiction des États membres ;
5. un soutien sur le plan de l'organisation pour la tenue de réunions et d'ateliers de recherche ; le Centre pourra fournir des thèmes de discussion pour ces réunions ;
6. la réalisation et la diffusion d'un bulletin sur la recherche en matière de droit spatial en Europe et sur les activités du Centre, ainsi que sur d'autres informations en rapport avec le droit spatial et les organisations spatiales européennes ;
7. d'autres services, en fonction de ce qui sera défini et approuvé par la Commission (forum de spécialistes, programme de tribunal-école, publication d'ouvrages).

ARTICLE 4 – ASSISTANCE FOURNIE AU CENTRE

1. Les membres du Centre s'engagent à tenir le Centre informé de leurs activités se rapportant au droit spatial (par exemple : cours de droit spatial, thèses, conférences, jurisprudence) et de leurs ressources (par exemple : bases de données électroniques) ; ils s'engagent également à communiquer au Centre des informations à diffuser aux autres membres de l'ECSL.
2. Les membres du Centre font tout leur possible pour : mettre à la disposition du Centre des boursiers à qui ils fournissent un soutien financier, ainsi que des bénévoles, de façon à renforcer le Secrétariat du Centre ; participer aux ateliers portant sur des sujets proches de leurs domaines de spécialité ; proposer des accords d'échanges dans le cadre desquels ils reçoivent des étudiants et des chercheurs au sein de leurs institutions.

ARTICLE 5 - ORGANES

1. Les organes du Centre sont : l'Assemblée générale des membres, la Commission et le Secrétariat.
2. La Commission est composée de 10 personnes au plus, élues par l'Assemblée générale pour une période de deux ans, représentatives des différentes catégories de membres du Centre (universitaires, professionnels, administrateurs du Centre, représentants d'administrations et d'agences nationales, de l'industrie, étudiants). La Commission a pour fonction de superviser et de faciliter le fonctionnement du Centre, de proposer des thèmes de recherche et des ateliers, de choisir les candidats qui bénéficient des bourses proposées par les membres et par l'ESA, ainsi que de prendre les mesures nécessaires pour atteindre les objectifs du Centre, qui sont exposés à l'Article 2 ci-dessus. La Commission élit parmi ses membres un(e) Président(e) et un(e) Vice-président(e) par un vote à la majorité de tous ses membres. Le représentant de l'ESA (Article 1.1) est automatiquement membre de la Commission et assure la liaison avec l'Administration de l'ESA.
3. La Commission se réunit au moins deux fois par an, en principe au Siège de l'ESA ou dans un autre lieu si la Commission en décide ainsi. Les membres de la Commission prennent en charge leurs propres dépenses.

Le Secrétariat du Centre est assuré par une personne choisie par un comité ad hoc et est placé sous la responsabilité hiérarchique du représentant de l'ESA.

4. Le/la Président(e) de la Commission convoque en principe tous les deux ans une Assemblée générale des membres, lors de laquelle la Commission présente son rapport. L'Assemblée générale examine l'orientation des activités du Centre et les questions liées à son avenir et élit les membres de la Commission.

Une Assemblée générale peut être convoquée par le/la Président(e) de la Commission à la demande d'un tiers des membres, afin de traiter de questions exceptionnelles.

ARTICLE 6 – FINANCES, BOURSES ET FORMATION

1. Les frais de fonctionnement de l'unité administrative principale du Centre sont à la charge de l'ESA. Les membres du Centre sont invités à contribuer à ces frais par des dons.
2. L'ESA offre chaque année, avec l'aide des contributions des membres de l'ECSL, une bourse d'un an à de jeune juristes réalisant de courtes périodes de recherche en matière de droit spatial en Europe. La Commission du Centre fait une recommandation concernant les thèmes de ces travaux de recherche, qui est soumise à l'approbation de l'Assemblée générale. L'ESA et les autres entités actives dans les domaines politiques et juridiques font de leur mieux pour accueillir les étudiants envoyés par les membres de l'ECSL dans le cadre de stages de formation internes. On attend des agences spatiales nationales qu'elles proposent, elles aussi, des stages de formation pour les boursiers. Ces offres sont coordonnées par le Centre.
3. Le budget du Centre est géré conformément à la réglementation financière applicable de l'ESA. Toutes les sommes versées par des membres ou d'autres personnes sont détenues en fiducie par le Directeur général de l'ESA aux fins de l'accomplissement des objectifs du Centre exposés dans la présente Charte. Ces sommes peuvent servir notamment à organiser des ateliers, des colloques et d'autres réunions et à réaliser des publications. Les comptes relatifs à ces dépenses sont contrôlés conformément aux procédures de vérification des comptes du Règlement financier de l'ESA et soumis à la Commission pour approbation.

ARTICLE 7 – RELATIONS EXTERIEURES

Le Centre favorise les relations avec d'autres organismes et institutions poursuivant des objectifs similaires, en Europe et hors d'Europe.

ARTICLE 8 - AMENDEMENTS

La présente Charte peut être amendée sur proposition de la Commission. Les amendements sont adoptés lors de l'Assemblée générale des membres par un vote à la majorité des deux tiers des membres présents et votant, dans le respect des règles de l'ESA ; des arrangements pratiques pourront, selon le cas, être également adoptés.

ARTICLE 9 – DEBUT DES ACTIVITES

Le Centre commence officiellement à fonctionner le 12 mai 1989.

Version amendée le 15 juin 2001.

The European Centre for Space Law (ECSL) Charter

(as amended by the General Assembly held on 15 June 2001)

Considering the growth of space activities has led to an increase of texts or practices, relevant to them at national and international levels, which has rendered identification of an access to documentation of relevance to space law increasingly difficult,

Considering the multidisciplinary character of space law, which includes both the rules related to access to and use of outer space and the means for organising and executing space-related activities on Earth, rules of private and public character

Considering the steady enlargement of the space user community (as developers users, operators) and its needs,

Recognising the European Space Agency's (ESA) role, pursuant to its Convention, to facilitate the exchange of scientific and technical information pertaining to the fields of space research and technology and their space applications,

Considering the European Space Agency's initiative in proposing the establishment of a European Centre for Space Law,

Considering that establishment of such a Centre will improve the state of space-law research and knowledge in Europe, for the benefit of academics, students, practitioners, and will also improve the image of ESA,

The participants in this initiative and the Director General agree on the following objectives and mechanisms:

ARTICLE 1. THE ESTABLISHMENT OF THE CENTRE

1. A European Centre for Space Law, hereinafter referred to as "the Centre", is hereby established. The Centre will function in close liaison with the European Space Agency (ESA), represented by a staff member nominated by the Director General on the basis of his/her qualification in international law and space law.
2. The Centre's main administrative unit will be in principle located at ESA Headquarters, 8-10 rue Mario Nikis, 75738 Paris Cedex 15, France.
3. Membership of the Centre is open to natural and legal persons from ESA Member States, Associate States, and other European States having concluded a co-operation Agreement with ESA and who are interested in the development of space law and who accept this Charter. For instance, members may be: European Institutes and other academic bodies, individual academics, and members of European national administrations and space organisations; ESA itself and its staff, other European international institutions, or persons therefrom; persons from European private-sector organisations and European law firms; and private individuals from ESA Member States, European co-operating States and Associate Members. Where an applicant does not fulfil the terms of the present paragraph, membership may nevertheless exceptionally be granted to that person by the Board specified in Article 5, below.
4. The procedure for registration as a member of the Centre will be by application to the Centre, at the invitation of the ECSL secretariat, in conformity with the terms of the present Article. The Board shall review membership every year.
5. Members of the Centre shall contribute to its functioning by paying a yearly membership fee. The amount of such fee shall be determined by the General Meeting, upon proposal of the Board. The Board may recommend that certain categories will pay a reduced amount or be exempted. Payments shall be received by the Secretariat. The authority to

administer these funds is vested with the Board, which will take into account of the ESA's relevant financial regulations.

ARTICLE 2. PURPOSES

The main purposes of the Centre are in particular:

1. To exploit and complement the efforts made and the resources available in Europe in the field of space-law research and further to develop those efforts and resources, including documentation, in a co-ordinated manner;
2. To promote knowledge of and interest in the law relating to space activities through the promotion of research activities, including the dissemination of information and the organisation of workshops;
3. To provide for exchanges, including through the organisation of colloquia and other meetings, of information and ideas across disciplinary and national lines with the aim of improving both the technical understanding of those concerned with space-law research and the legal understanding of those concerned with the production, use and operation of space technologies;
4. To encourage direct exchanges between the member's and their organisations, especially through the establishment of "National Points of Contact (NPOCs)" in the ESA and ESA co-operating States and Associate Member territories;
5. To identify themes related to space law in which university research and training at degree, doctoral and post-doctoral level should be encouraged;
6. To identify areas of space-related activity in which regulation is appropriate, and to discuss and propose principles and draft norms which may then be promoted at national or European level; and
7. To promote the establishment and development of national centres for space law research and to assist them by providing them with access to research resources throughout Europe, and by giving them technical and other advice. Other objectives may be agreed by the Board, subject to later confirmation by the General Assembly.

ARTICLE 3. RESOURCES AND SERVICES

A. The Centre will benefit from:

1. Human resources, in particular the availability of ESA staff active in legal, contractual and policy areas; of fellows placed at the Centre's disposal by the members; and of students and volunteers;
2. Office space and equipment, as well as institutional and technological (especially computer network) support, which will be provided by ESA (Headquarters and its other establishments). However other national entities may be called to provide complementary resources.

B. The Centre, will offer the following services (this list being non-exhaustive):

1. An up-to-date on-line database of space law materials available in the ESA Member States, co-operating States and Associate Members, as well as an inventory on space law research in Europe, including a list of theses and research work;
2. A breakdown of the state of space-law teaching in Europe;
3. Access to and use of the ESA Information Retrieval Service (IRS) system, including for electronic mail purposes, under conditions in force at ESA.

4. Access to the library at ESA HQ (as well to the libraries at ESTEC, ESOC and ESRIN), under the conditions for access and use that are ordinarily applied for persons under Member States jurisdiction;
5. Organisational support for research meetings and workshops and the provision of inputs for the themes to be discussed by such gatherings;
6. Production and circulation of a bulletin on space law research in Europe and on the Centre's activities, as well as other informational matter related to space law and European space organisations.
7. Other services as defined and agreed by the Board (Practitioners' Forum, Moot Court competition, publication of books).

ARTICLE 4. ASSISTANCE TO THE CENTRE

1. The members of the Centre undertake to keep the Centre informed of their activities related to space law (for example, courses on space law, theses, conferences, case law) and on their resources (for example, electronic databases), as well as to provide the Centre with information for distribution to other ECSL members.
2. The members of the Centre will use their best efforts to: provide the Centre with fellows supported financially by members and with volunteers, so as to reinforce the Secretariat of the Centre; to participate in workshops concerned with matters affecting their specialist areas; and to offer exchange arrangements for receiving students and researchers in their institutions.

ARTICLE 5. ORGANS

1. The organs of the Centre will be the General Meeting of members, the Board and the Secretariat.
2. The Board will be composed of persons, not more than 10, elected by the General Meeting of members for a period of two years, from the different categories of the Centre's members (academics, practitioners, the Centre's operators, representatives from national administrations and agencies and from industry, as well as students). The Board's functions will be to oversee and assist in the running of the Centre, to propose themes for research and workshops, to select among applicants for the award of grants offered by the members and ESA, and to take other steps necessary to achieve the aims of the Centre as set out in Article 2 above. The Board shall elect among its members its chairman and a vice-chairman by a majority vote of all its members. The ESA representative (article 1.1) will automatically be member of the Board and will liaise with the ESA administration.
3. The Board will meet at least twice a year in principle at the ESA headquarters or at any other place as decided by the Board. Members of the Board will support their own expenses.

The Secretariat of the Centre will be assured by a person selected by an ad hoc committee and will hierarchically be placed under the ESA representative.

4. A General Meeting of members will be convened by the Chairman of the Board in principle every two years, to which the Board will present its report. The General Meeting will examine the orientation of the Centre's activities and questions related to the future of the Centre, it will elect the members of the Board.

A General Meeting may be convened by the Chairman of the Board at the request of one third of the members to deal with exceptional matters.

ARTICLE 6. FINANCE, BURSARIES AND TRAINING

1. The running costs of the Centre's main administrative unit will be borne by ESA. Members of the Centre are invited to contribute to these costs through donations.
2. ESA, with contributions also from ECSL members, will offer a one-year bursary annually to young lawyers performing space-law-related short periods of research in Europe. The themes of this research will be recommended by the Centre's Board to the General Assembly for approval. ESA and other entities active in the political and legal domains will use their best efforts to receive students from ECSL members for internship training. It is expected that national space agencies will also offer such bursaries training. These offers will be co-ordinated by the Centre.
3. The Centre's budget will be administered according to the ESA financial regulations as appropriate. All monies received from members or other persons shall be held on trust by the ESA Director General for achievement of the purposes of the Centre as determined in the present Charter. Such monies may, inter alia, be used in exercise of this trust to organise workshops, colloquia and other meetings, and to produce publications. The accounts relative to such expenditure shall be verified in accordance with the auditing procedures laid down pursuant to the ESA Financial Regulations and will be submitted to the Board for approval.

ARTICLE 7. EXTERNAL REGULATIONS

The Centre shall promote relations with other bodies and institutions in Europe, and outside Europe, having similar objectives.

ARTICLE 8. AMENDMENTS

The present Charter may be amended at the Board's proposal. Amendments will be adopted by the General Meeting of members on a two-thirds majority vote of those members present and voting and in conformity with ESA regulations and adopt, as the case may be, working arrangements with them.

ARTICLE 9. COMMENCEMENT OF ACTIVITIES

The Centre will formally commence its operations on 12 May 1989.

Version as amended, 15 June 2001.

ECSL Board Members (2003-2005)



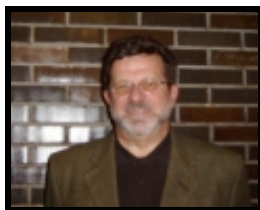
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University Questionnaire

The ECSL would like to receive every year updated information on your course/faculty. Please, fill in and send back the requested information to European Centre for Space Law, c/o European Space Agency 8-10, rue Mario-Nikis, F-75738 Paris Cedex 15 Tel.: +33 (0)1 53 69 76 05; Fax: +33 (0)1 53 69 75 60 Or you can send them via an e-mail to Mr A. Marchini, alberto.marchini@esa.int, rocio.caparros@esa.int (in copy)

The replies to the Questionnaire sent by ECSL will serve as the basis for a standard information sheet describing the courses taught at each University and Institute. Feel free to add an additional page, should the space provided on the following form not be sufficient.

Each of these sheets should provide the following information:

- NAME OF UNIVERSITY:
- NAME OF FACULTY:
- NAME OF PROFESSOR(S):
- ADDRESS:
- E-MAIL, PHONE, FAX:
- COURSES:
- COURSE CONTENT: A description of the course or an extract from the curriculum is given in those cases where the information was provided.
- STATUS: This entry indicates whether the instruction in space law is included in a course on general international law, air and space law, or takes the form of a specific course or seminar on space law.
- LANGUAGE: The medium through which the course is taught.
- LEVEL: Four levels are identified: ordinary students (i.e. after 1 or two years of higher education), advanced students (i.e. after 3 or 4 years of study or first degree level), masters level or doctoral level.
- RANK: Optional or compulsory course.
- DURATION: This indicates the number of hours allotted to the teaching of space law in a given course
- EXAMINATION AND CREDITS: The credits which can be obtained. Of course the credit systems may differ from country to country and even from university to university.
- STUDENTS: The number of students attending the course.
- START: The year the course started up.

- EXCHANGE OF STUDENTS: Some universities offer exchange programmes or are prepared to host foreign students for a certain period.
- INTERDISCIPLINARITY: Other fields of law.
- LIBRARY: Specialised or general library, informatics infrastructure of the University and availability for students.
- PUBLICATIONS: This entry refers to publications by teaching staff, in the form of books, monographs, conference proceedings, articles in specialised reviews. For ease of reference, the complete list of these is given in an Annex in this Booklet.
- THESES, DISSERTATION OR RESEARCH PROJECTS: A list will be provided after each university's information sheet. A general list shall be published annually.
- PARTICIPATION IN ECSL SUMMER COURSE: Whether students from a given institution attended the ECSL Summer Course. (In an Annex)
- ADDITIONAL INFORMATION

University Information Form

- NAME OF UNIVERSITY:
- NAME OF FACULTY:
- NAME OF PROFESSOR(S):
- ADDRESS:
- E-MAIL, PHONE, FAX:
- COURSES:
- COURSE CONTENT:

- STATUS:
- LANGUAGE:
- LEVEL:
- RANK:
- DURATION:
- EXAMINATION AND CREDITS:
- STUDENTS:.
- START:
- EXCHANGE OF STUDENTS:
- INTERDISCIPLINARITY:
- LIBRARY/ COMPUTER INFRASTRUCTURE AVAILABLE FOR STUDENTS:
- PUBLICATIONS
- THESES, DISSERTATION OR RESEARCH PROJECTS, CONFERENCES, EVENTS:
- PARTICIPATION IN ECSL SUMMER COURSE:
- ADDITIONAL INFORMATION:

***European Space Agency
Agence spatiale européenne***

Contact: ESA Publications Division

*5/o ESTEC, PO Box 299, 2200 AG Noordwijk, The Netherlands
Tel. (31) 71 565 3400 - Fax (31) 71 565 5433*