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Committee on the Peaceful Uses of Outer Space
Legal Subcommittee
Forty-seventh session
31 March - 11 April 2008
Item 11 of the agenda*
Capacity-building in space law

Education Opportunities in Space Law: a Directory

Note by the Secretariat

In response to the recommendation of the Legal Subcommittee at its forty-sixth session in 2007, the Office for Outer Space Affairs updated the Directory of education opportunities in space law.

The Directory contains information on the respective institutions' areas of specialization, the educational programmes offered, the facilities available, the prerequisite qualifications, financial information, fellowship opportunities and opportunities for international cooperation, as well as reference to educational material easily available on the internet. Addresses and contact points for further information have also been included.

The updated Directory is also being made available on the website of the Office for Outer Space Affaires (www.unoosa.org).

* A/AC.105/C.2/L.264.

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EDUCATION OPPORTUNITIES IN SPACE LAW A directory

2008 edition

Introduction

The increasing number of States involved in space activities has emphasized the need for effective laws and policies on space activities, not just on an international level but also on the national level. The successful operation of space law, policies and institutions in a country relies on the presence of suitable professionals. Institutions that address the subject of space law and policy play an important role in promoting national expertise and capacity in this field.

In response to the recommendation of the Legal Subcommittee of the Committee on the Peaceful Uses of Outer Space at its forty-second session, in 2003, the Office for Outer Space Affairs invited a number of institutions to provide the Office with information on their programmes relating to space law. The directory of education opportunities in space law has been compiled based on the information received from those institutions and updated annually.

The directory contains information on the respective institutions' areas of specialization, the educational programmes offered, the facilities available, the prerequisite qualifications, financial information, fellowship opportunities and opportunities for international cooperation, as well as reference to educational material easily available on the internet. Addresses and contact points for further information have also been included.

For ease of reference the information has been arranged in alphabetical order by country. An effort has been made to present, as accurately as possible, the information provided by the responding institutions. However, programmes frequently change and users of this directory who are interested in a particular programme are urged to contact the institution for current detailed information.

The list of countries and institutions contained in this directory is not exhaustive and has been updated on the basis of the information received in the past year. The Office welcomes additional and/or updated information from Member States and education institutions teaching space law or space law related subjects and sources of information.

It is hoped that this directory will be assistance to Member States and will promote co-operation among Member States and education institutions in relation to space law. In particular, it is hoped that information on education opportunities will assist developing countries in establishing indigenous capabilities in space law.

Comments, queries and information with respect to this directory, including additional submissions or updated information, should be sent to the following address:

Office for Outer Space Affairs
United Nations Office at Vienna
Vienna International Centre
P. O. Box 500, A-1400 Vienna, Austria
oosa@unvienna.org

Contents

11gentina	
Instituto Nacional de Derecho Aeronáutico y Espacial (INDAE)	7
Universidad de Buenos Aires	7
University of Belgrano	8
Australia	
Australian National University (ANU)	8
University of Western Sydney	9
Austria	
Institut für Österreichisches, Europäisches und Vergleichendes Öffentliches Recht,	
Politikwissenschaft und Verwaltungslehre, Karl-Franzens-Universität Graz	9
Belgium	
Faculteit Rechtsgeleerdheid, Universiteit Gent	10
Bulgaria	
American University in Bulgaria (AUBG)	11
Canada	
Institute of Air and Space Law (IASL)	12
China	
School of International Law, China University of Political Science and Law	14
WTO Law and Dispute Resolution Centre	14
Finland	
University of Lapland	15
France	
European Centre for Space Law (ECSL)	16
Institut de Droit des Espaces Internationaux et des Télécommunications	17
Institut du droit de l'espace et des telecommunications (IDEST)	18
International Space University (ISU)	19
Germany	
nstitut für Luft- und Weltraumrecht, Universität zu Köln	20
India	
nternational Legal Studies Division, Jawaharlal Nehru University	21
Indonesia	
Indonesian Center for Air and Space Law, Padjadjaran Law School	22
Italy	
Universitá degli Studi di Padova	23
Iniversitá degli studi di Roma "La Sanienza"	23

Japan

Keio University	24
Ritsumeikan University, College of International Relations	25
Malaysia	
National University of Malaysia, Faculty of Law	27
The Netherlands	
Leiden University, International Institute of Air and Space Law,	27
Korea (Republic of)	
Hankuk Aviation University	29
Russian Federation	
Moscow State Institute of International Relations	30
Peoples' Friendship University of Russia	31
South Africa	
University of the Witwatersrand	32
Ukraine	
International Center for Space Law	33
United Kingdom of Great Britain and Northern Ireland	
Centre for Commercial Law Studies	34
United States of America	
George Washington University, Space Policy Institute	34
Georgetown University Law Center	35
MIT Open Course Ware	36
National Cente for Remote Sensing, Air and Space Law Centre, University of Mississippi	37
University of Houston Law Center	38
University of Nebraska, College of Law	38
Webster University	39

ARGENTINA

Instituto Nacional de Derecho Aeronáutico y Espacial (INDAE)

(last update April 2008)

Address: Viamonte y Leandro N. Alem, Ciudad Autónoma de Buenos Aires

Tel: +54 11 4514 1529 **Fax**: +54 11 4772 3662

Email: swilliams@derecho.uba.ar

maureenw777@yahoo.co.uk

Contact Person: Prof. Maureen Williams

ACADEMIC PROGRAMMES

1. **Degrees offered in Space Law or related to space law**: Postgraduate degree equivalent to a Master Degree in Air and Space Law (2 years, twice a week) including tuition for final paper.

Universidad de Buenos Aires (UBA), Facultad de Derecho

(last update April 2008)

Address: Avda. Pte. Figueroa Alcorta 2263, Capital Federal (cp:C1425CKB)

 Tel:
 +54 11 4809.5600

 Fax:
 +54 11 4772 3662

 Web site:
 www.derecho.uba.ar

 Email:
 swilliams@derecho.uba.ar

maureenw777@yahoo.co.uk mciuro@derecho.uba.ar

Contact Person: Prof. Maureen Williams and Prof. Miguel Ciuro Caldani, Head of the Postgraduate Department.

- 1. **Degrees offered in Space Law or related to space law**: Postgraduate level: every academic year (running between March and November) Space Law courses are offered as a requisite for doctoral candidates and junior professors, which are opened to foreign students
- 2. Courses offered in space law or related to space law: Within the Master degrees space law is taught as part of the programme of International Relations (subject: Law of the Sea), Private International Law (subject: Public International Law), The elaboration of rules in international treaties(with emphasis on Copuos). Professor Dr Maureen Williams. Likewise, in the specialization (postgraduate diploma) on natural resources, environmental space law is taught by Prof. Williams.
- 3. **Duration of the programme**: 30 hours, 3 hours a week, once a week, running over 10 weeks
- 4. **Language of instruction**: Spanish/English

5. **Other relevant information:** These courses usually include invited scholars from Argentina and other visiting professors. Research programmes on space law are presently underway at this University and at the National Council for Scientific and Technical Research of Argentina, to which students may access and participate during the time of their stay. Tuition is given for Space Law doctoral candidates all the year round.

University of Belgrano

(last update April 2008)

Address: Zabala 1837, Buenos Aires (1426), Argentina

Tel: +54 11 4788 5400 **Web site**: www.ub.edu.ar

Email: maureenw777@yahoo.co.uk

Contact Person: Prof. Maureen Williams with the assistance of Professors Luis Castillo Argaards (fc246@yahoo.com.ar) and Guillermo Duberti (guillermo.duberti@gmail.com).

ACADEMIC PROGRAMMES

1. **Degrees offered in Space Law or related to space law**: Masters degree in International Relations. In two of the subjects included in this programme, namely Public International Law and International Organisations, 40 % of the syllabus, plus a moot court, are currently dealing with space law.

AUSTRALIA

The Australian National University (ANU)

(last update April 2008)

Address: Canberra Alt 0200, Australia

Tel: +61 (0)2 61253483 **Fax**: +61 (0)2 61253971

Web site:http://www.law.anu.edu.au/Email:pgadmin.law@anu.edu.au

Contact Person: Fonteynej@law.anu.edu.au

- 1. **Degrees offered in Space Law or related to space law**: No specific space law degree but course and related courses as a part of the International Law programmes. LL.M. in Laws.
- 2. **Courses offered in space law or related to space law**: not offered for 2007/2008
- 3. (a) Number of faculty members in the programme: 1
 - (b) Number of students in the programme: approximately 12 students per year
- 4. **Duration of the programme**: LL.M. one year full-time, intensive teaching
- 5. **Language of instruction**: English

- 6. **Admission Standards**: Proficiency in English language skills. Undergraduate degree. Offered to both lawyers and non-lawyers.
- 7. **Cost of the programme**: \$ AUD 21600 per programme; \$AUD 2700 per course

University of Western Sydney

(last update April 2008)

Campbell town Campus - School of Law

Address: Locked Bag 1797, Penrith South DC, NSW 1797, Australia

Tel: +61 (0)2 4620 3628
Fax: +61 (0)2 4620 3887
Web site: http://www.uws.edu.au/
Email: s.freeland@uws.edu.au

Contact Person: Steven Freeland

ACADEMIC PROGRAMMES

- 1. **Degrees offered in Space Law or related to space law**: No specific space law degrees but as a part of undergraduate LLB degree.
- 2. **Courses offered in space law or related to space law**: Commercial Aspects of Space Law
- 3. (a) Number of faculty members in the programme: 1
 - (b) Number of students in the programme: around 45 students per year
- 4. **Duration of the programme**: 14 classes over 14 weeks but occasionally intensively over 1 week.
- 5. **Language of instruction**: English
- 6. **Admission Standards**: English language skills. There are no other standards, depending on country of student but matriculation from high school is required.
- 7. **Cost of the programme**: Depends on Country of origin but some government scholarships may be available.
- 8. **Availability of fellowships/scholarships for foreign students**: Yes

AUSTRIA

<u>Institut für Österreichisches, Europäisches und Vergleichendes Öffentliches Recht, Politikwissenschaft und Verwaltungslehre, Karl-Franzens-Universität Graz</u> (last update April 2008)

Institute of Austrian, European and Comparative Public Law, Political Sciences and Public Administration- School of Law- University of Graz, Austria

Address: Universitaetsstrasse 15C/3, 8010 Graz, Austria

Tel: +43 / (0)316 / 380-3388 or 3367

Fax: +43 (0) 316 380 9450

Web site: http://www-ang.kfunigraz.ac.at/~bruenn

http://www.spacelaw.at/

Email: christian.bruenner@uni-graz.at

andrea.lauer@uni-graz.at

Contact Person: Prof. Dr. Christian Brünner

ACADEMIC PROGRAMMES

- 1. **Courses offered in space law or related to space law**: Seminar (optional): "Space Law and Space Policy", 5 credits (2 hours/week); topics of the seminar: the UN treaties, Fundamental principles of space law, European law, National law, International organisations, Space policy, Current developments
- 2. **Number of students in the programme**: 20 30 students each semester
- 3. **Language of instruction**: English
- 4. **Admission Standards**: Basic knowledge of public international law; Undergraduate, Graduate, PhD programme Law Students.
- 5. **Availability of fellowships/scholarships for foreign students**: None
- 6. **Other relevant information**: Prof. Brünner also supervises master and doctoral theses investigating various issues of space law. A seminar for doctoral students is offered every semester

BELGIUM

Faculteit Rechtsgeleerdheid, Universiteit Gent

(last update February 2005)

Faculty of Law, Ghent University

Address: Universiteitstraat 6, B-9000 Ghent, Belgium

Tel: +32 9264 6895 **Fax**: +32 9264 6989

Web site: http://www.law.ugent.be/
Email: Frank.Maes@ugent.be

Contact Person: Prof. Dr. Frank Maes

- 1. **Degrees offered in Space Law or related to space law**: No specific space law degrees
- 2. **Courses offered in space law or related to space law**: Space Law is offered in a course on air and space law to students in 5th year of law studies or in the 4th year of political sciences, as an option.
- 3. (a) Number of faculty members in the programme: 2 professors

- (b) Number of students in the programme: around 7 students every year
- 4. **Duration of the programme**: 1 semester (30 hours)
- 5. **Language of instruction**: Dutch
- 6. **Admission Standards**: Students after the 4th year of law studies or after the 3rd year of political sciences (Master Degree)
- 7. **Cost of the programme**:
 - (a) **Tuition**: None
 - (b) **Textbooks**: around 10 Euro
- 8. **Availability of fellowships/scholarships for foreign students**: None

BULGARIA

American University in Bulgaria (AUBG)

(last update February 2005)

Address: Blagoevgrad 2700, Bulgaria

Tel: +359 73 888 464
Fax: +359 73 880 828
Web site: http://www.aubg.bg
Email: ben@aubg.bg

Contact Person: Benedict E. De Dominicis

- 1. **Degrees offered in Space Law or related to space law**: None
- 2. **Courses offered in space law or related to space law**: Political Science 231: International Law and Organization. This course focuses on space law for approximately ten hours of semester time
- 3. (a) Number of faculty members in the programme: 1
 - (b) Number of students in the programme: 30
- 4. **Duration of the programme**: One semester
- 5. **Language of instruction**: English
- 6. **Admission Standards**: Entrance into AUBG allows students to take International law and Organization upon completion of prerequisite course.
- 7. **Cost of the programme**:
 - (a) **Tuition**: US \$300 (b) **Textbooks**: US \$40
 - (c) Room and board: US \$300 (d) Other relevant costs: none

- 8. (a) Availability of fellowships/scholarships for foreign students: Yes.
 - (b) If YES, number of fellowships/scholarships available: AUBG awards merit-based scholarships.
- 9. **Other relevant information**: To study at AUBG, the following institutions also provide scholarships: The Salgo Foundation, Open Society Institute, US Agency for International Development (USAID).

CANADA

Institute of Air and Space Law (IASL)

(last update April 2008)

Address: McGill University, 3661 Peel Street, Montreal, Quebec, H3A 1X1, Canada

Tel: +1 514 398 5095 **Fax**: +1 514 398 8197

Web site: http://www.mcgill.ca/iasl/
Email: maria.damico@mcgill.ca
ram.jakhu@mcgill.ca

Contact Person: Ms. Maria d'Amico

Prof. Dr. Ram Jakhu

ACADEMIC PROGRAMMES

- 1. **Degrees offered in Space Law or related to space law**: Graduate Certificate in Air and Space Law: Master of Laws (LL.M); Doctor of Civil Law (D.C.L.).
- 2. Courses offered in space law or related to space law: General Principles of Space Law (3 credits); Law of Space Applications (3 credits); Government Regulation of Space Activities (3 credits).
- 3. (a) Number of faculty members in the programme: 10 (full-time, part-time and visiting)
 - (b) Number of students in the programme: 20

4. **Duration of the programme**:

<u>Graduate Certificate in Air and Space Law</u>: awarded after at least one term (4 months) of residence and on completion of a minimum of 15 credits of course work.

<u>LL.M.</u> in <u>Air and Space Law</u>: a 45-credit programme with a minimum duration of three academic terms (full-time).

<u>Doctor of Civil Law</u>: a research degree. The principal basis for evaluation is a doctoral thesis, which must constitute an original contribution to legal scholarship. Candidates who enter the program in the first year, called DCL1, must follow a program of at least three years' residence in the Faculty. Residence refers to the numbers of terms or years students must be registered on a full-time basis to complete their program. Students holding a with-thesis LL.M. are usually admitted into DCL2, which means that the minimum residence requirement is reduced to two years of study beyond the Master's degree.

- 5. Language of instruction: English
- 6. **Admission Standards**: <u>Language requirements</u>: Non-Canadian applicants must provide proof of competence in oral and written English. An official test score is required unless (a) the applicant's

mother tongue is English, or (b) the applicant has completed an undergraduate degree from a recognized institution where English is the language of instruction. Applicants must achieve a minimum TOEFL score of 577 (233 on the computer-based test) or 7.0 in the IELTS. Non-Canadian applicants whose mother tongue is French must achieve a minimum TOEFL score of 567 (227 computer-based) or an IELTS score of 7. Students can write essays, examinations and theses in French, even where the course is taught in English.

<u>Candidates for admission</u> must possess a Bachelor of Laws degree or an equivalent law degree from an accredited university with a cumulative grade point average of 3.0/4.0, or its equivalent (Upper Second Class). However, applicants for the Graduate Certificate in Air and Space Law who do not hold a law degree must fulfil the following two requirements: Have an undergraduate university degree in another discipline, and possess sufficient professional experience in the fields of Air and/or Space Law to compensate for the lack of a law degree (as determined by the Graduate Admissions Committee).

Only applicants demonstrating excellent academic ability will be considered for admission to the doctoral program. Candidates must hold both a Bachelor of Laws degree and a Master of Laws degree. Admission to the D.C.L. program occurs only when: the candidate has completed a graduate law degree with thesis at McGill or at another university, and; the Graduate Admissions Committee is satisfied that the quality of his or her previous research is sufficient to justify admission to a doctoral program. The latter usually requires review of the completed Master's thesis. Applicants not holding a McGill Master's degree or its equivalent are generally not admitted directly to the D.C.L. program, but are required first to complete the LL.M. degree with distinction.

7. **Cost of the programme**: see:

http://www.mcgill.ca/student-accounts/fees/tuition/gradfees/ma/

- (a) **Tuition**: Graduate Certificate: one term of full-time study is \$1,606 Canadian dollars for Quebec residents and \$3,292 Canadian dollars for Non-Quebec residents; Master degree: three terms of full time study (minimum) are \$4,818 Canadian dollars for Quebec residents and \$9,876 Canadian dollars for non-Quebec residents and \$19,698 Canadian dollars for international students; Doctoral Degree: two-three years of full-time study are \$3,211 Canadian dollars per year for Quebec residents and for non-Quebec residents, and \$11,919 Canadian dollar per year for international students.
- (b) Textbooks: around \$800 CAN
- (c) **Room and board**: \$ 800 CAN per month
- (d) **Other relevant costs**: Transportation (Public): \$ 600 CAN; Clothing: \$ 500 CAN; Personal Expenses: (including laundry, toiletries, etc.): \$ 2400 CAN; Compulsory Health Insurance: \$ 639 CAN. Additional expenses for dependents are estimated as follows: 1 dependent \$ 3360 CAN; 2 dependents \$ 6400 CAN; Each additional dependent \$ 2240 CAN.
- 8. **Availability of fellowships/scholarships for foreign students**: Yes **If YES, number of fellowships/scholarships available**: see http://www.mcgill.ca/law-studies/funding/
- 9. **Other relevant information:** The Institute of Air and Space Law is situated in Montreal, which is an extraordinarily cosmopolitan city. It is bilingual and multi-cultural. It is bi-legal as well, an area where the civil and common law converge. The Institute has been teaching Air and Space law for over 50 years and its Space Law Program is the most extensive and advanced in the world. Today, the Institute has more than 800 alumni sprinkled across more than 120 countries around the world. In addition, the Institute has a history of 25 years of the *Annals of Air & Space Law*, a highly respected and valuable compendium of important research.

CHINA

School of International Law, China University of Political Science and Law

(last update February 2005)

Address: 25# Xi-Tu-Cheng Road, Haidian District, Beijing, China

 Tel:
 +86 (10) 622 29711

 Web site:
 http://www.cupl.edu.cn

 Email:
 ju-gian@163.com

Contact Person: Prof. Li Juqian

ACADEMIC PROGRAMMES

1. **Degrees offered in Space Law or related to space law**: Bachelor of Law (LL.B); Master of Law (LL.M) in International Law; Doctor in Philosophy (Ph.D.).

- 2. **Courses offered in space law or related to space law**: Public International Law; Special Lectures on International Law; Selected works and cases on International Law; International Outer space law.
- 3. (a) Number of faculty members in the programme: 11 persons
 - (b)Number of students in the programme: 300 per year
- 4. **Duration of the programme**: LL.B: 4 years; LL.M: 3 years; Ph.D.: 3 years
- 5. **Language of instruction**: Chinese and English
 - 6. **Admission Standards**: LL.B: National High Education Admissions Examination; LL.M: top ten graduates and National University Examination; Ph.D.: top 5 LL.M and University examination.
- 7. **Cost of the programme**:
 - (a) **Tuition**: 25 000 yuan RMB for LL.B; 30 000-40 000 yuan RMB for LL.M/Ph.D.
 - (b)Textbooks: 50 yuan RMB for LL.B; 200 yuan RMB for LL.M
 - 8. **Availability of fellowships/scholarships for foreign students:** None

WTO Law and Dispute Resolution Centre

(last update April 2008)

Address: School of Law, City University of Hong Kong, Tat Chee Avenue, Kowloon, Hong

Kong, People's Republic of China

Tel: +852 2788 7671 **Fax**: +852 2788 7530

Web site: http://www.cityu.edu.hk/slw

Email: lwpma@city.edu.hk

Contact Person: Prof. Dr. P. Malanczuk

ACADEMIC PROGRAMMES

1. **Degrees offered in Space Law or related to space law:** Bachelor of Law (LL.B)

- 2. **Courses offered in space law or related to space law:** LW4146 Telecommunications (elective course, not offered in 2007/2008) and Space Law (Lecturer Mr. Yun Zhao)
- 3. (a) Number of faculty members in the programme: N.A.
 - (b) Number of students in the programme: N.A.
- 4. **Duration of the programme:** 1 semester
- 5. **Language of instruction**: English
- 6. **Admission Standards:** LL.B students and other students who have finished their first year of study.
- 7. Cost of the programme:
 - (a)**Tuition:** not applicable
 - (b) **Textbooks:** not applicable
 - (c)**Room and board:** not applicable (d)**Other relevant costs:** not applicable
- 8. **Availability of fellowships/scholarships for foreign students:** None

FINLAND

University of Lapland

(last update April 2008)

Institute of Air and Space Law (IASL)- Faculty of Law

Address: PL/Box 122, 96101 Rovaniemi, Finland

Tel: +358 16 341 2550 **Fax**: +358 16 341 2500 **Web site**: http://www.urova.fi

Contact Person: Prof. Maurice N. Andem (Director)

- 1. **Degrees offered in Space Law or related to space law**: Master of Laws (LL.M); Doctoral Degree (LL.D); Licentiate in Laws (LL.Lc)
- 2. Courses offered in space law or related to space law: Air and Space Law (3 7.5 credits)
- 3. (a) Number of faculty members in the programme: 1
 - (b) Number of students in the programme: 20-40
- 4. **Duration of the programme**: Lecturers 25 h
- 5. **Language of instruction**: English
- 6. **Cost of the programme**:
 - (a) **Tuition**: Free
 - (b) **Textbooks**: Available in the Library

- 7. **Availability of fellowships/scholarships for foreign students**: None
- 8. **Other relevant information:** Grants can be applied for The Centre for International Mobility (CIMO) and Finnish Academy

FRANCE

European Centre for Space Law (ECSL)

(last update April 2008)

Address: 94 bis, avenue de Suffren, 75015 Paris, France

Tel: +33-01 45 67 82 85 **Fax**: +33-01 44 49 01 19

Web site: www.esa.int/SPECIALS/ECSL/

Email: melanie.vincent@esa.int

Contact Person: Melanie Vincent, ECSL Executive Secretary

- 1. **Courses offered in space law or related to space law:** ECSL Summer Course on Space Law and Policy
- 2. (a) Number of faculty members in the programme: about 10
 - (b) Number of students in the programme: about 40
- 3. **Duration of the programme**: 2 weeks
- 4. **Language of instruction**: English
- 5. **Admission Standards**: upon evaluation of the academic background and career plans
- 6. **Cost of the programme**:
 - (a) **Tuition**: 200 Euro (b) **Textbooks**: covered
 - (c) Room and board: covered (d) Other relevant costs: lunches
- 7. Other relevant information: This Summer Course organized by ECSL with the support of a hosting university (1992: Messina, Italy; 1993: Toulouse, France; 1994: Granada, Spain; 1995: Aberdeen, United Kingdom; 1996: Leiden, The Netherlands; 1997: Rovaniemi, Finland; 1998: Brest, France; 1999: Geneva, Switzerland; 2000: Cologne, Germany; 2001: Nice, France; 2002: La Rochelle, France; 2003: Leuven, Belgium; 2004: Graz, Austria; 2005: Terni, Italy; 2006: Noordwijk, The Netherlands; 2007: Noordwijk, The Netherlands) and the European Space Agency gathers an increasing number of universities. During two weeks, about 40 students attend intensive courses given by professors and practitioners on the international legal framework of space activities (UN Resolutions, space treaties) and on other legal issues in space applications (commercialisation of space activities, telecommunications, remote-sensing, launching states, intellectual property rights, etc). Students have the opportunity to meet practitioners,

to learn from their experience, and to visit space industries. The Course's main objective is to stimulate students' interest in this law field and to provide them with a basic, solid knowledge upon which to build up their professional career or their further academic research.

Institut de Droit des Espaces Internationaux et des Télécommunications

(last update April 2008)

Institute of Law of International Spaces and Telecommunications

Address: Law Faculty of Western Brittany, 12 rue de Kergoat, CS 93 837,

29 238 Brest cedex 3, France

Tel: +33 (0) 2 980 166 09 **Fax**: +33 (0) 2 980 169 35

Web site: http://www.univ-brest/espace Email: armel.kerrest@univ-brest.fr

Contact Person: Prof. Dr. Armel Kerrest

ACADEMIC PROGRAMMES

1. **Degrees offered in Space Law or related to space law:** Master Degree; Thesis Degree

- 2. **Courses offered in space law or related to space law:** Master degree: Lecture in Law of International Spaces (i.e. Outer Space but also the Sea and Antarctica).
- 3. (a) **Number of faculty members in the programme:** 2 professors: Prof. Dr. Kerrest, Dr. A. Choquet
 - (b) **Number of students in the programme**: Master degree: around 30 students; Thesis degree: 5 students in 2008
- 4. **Duration of the programme**: The Lecture in Law of International Spaces is divided on a basis of 30 hours. The Master is a two-year degree. The Thesis Degree is a 3-4 year degree.
- 5. **Language of instruction**: Master degree: French; Thesis degree: French and English.
- 6. **Admission Standards**: Master Degree: The third year of the French university curriculum (*Licence*) is to be held by the students or degree that is considered as equivalent. Thesis Degree: A Master degree is required
- 7. **Cost of the programme**:
 - (a) **Tuition**: Most of the cost of the curriculum is undertaken by the French Ministry of Education
 - (b) **Textbooks**: Low (Libraries well furnished)
 - (c) **Room and board**: from 250 to 400 Euro a month during academic year.
- 8. **Availability of fellowships/scholarships for foreign students**: None

Institut du droit de l'espace et des telecommunications (IDEST)

(last update April 2008)

Institute of Space and Telecommunications Law

Address: Université Paris Sud-XI/Faculté Jean Monnet, 54 boulevard Desgranges, 92

331 Sceaux Cedex, France

Tel: +33 (0)1 4091 1938 **Fax**: +33 (0)1 4660 9262 **Web site**: http://www.idest-paris.org

Email: philippe.achilleas@idest-paris.org

Contact Person: Philippe Achilleas (Director)

ACADEMIC PROGRAMMES

1. **Degrees offered in Space Law or related to space law**: Master in Space Law and Telecommunications Law; Ph.D. in Law-speciality Space Law.

- Courses offered in space law or related to space law: The Master programme is composed of 28 courses representing 395 hours lessons and workshops. The main courses in space law are: International, European and National space law; International, regional and national space institutions; International, regional and national space markets; Intellectual property rights; Introduction to space technologies; Comparative Law; Space Business and contract law; Frequencies Management; Financing Space Projects; Risk management; Space geopolitics; International Cooperation and technology transfer; Military uses of Outer Space; Remote sensing, environment and territory; Satellite Television and Internet law and practice; Law and management of satellite positioning. Other courses deal with telecommunication law. The Institute organizes professional visits in France and in Europe with the support of its partners. Ph.D. students can attend Master classes and conferences.
- 3. (a) **Number of faculty members in the programme**: The academic team is composed of 14 Professors and 30 practitioners representing space and telecommunications companies (b) **Number of students in the programme**: Master maximum of 25 students
- 4. **Duration of the programme**: Master: 12 months (6 months in Paris and 6 months of internship in France or abroad); Ph.D. 3 years (not necessarily in Paris).
- 5. **Language of instruction**: Master: French and English; Classes are in French or in English; Handouts/papers are in French or in English; Exams can be taken in French or in English; Ph.D: in French or in English.
- 6. **Admission Standards**: French *Maîtrise* in Law (4 years) or equivalent degree; any other diploma in political sciences, economics, management, sciences or professional experiences that may be considered as equivalent by the Admission Commission. Ph.D.: Master or LL.M (Master in Law).

7. **Cost of the programme:**

- (a) **Tuition**: the French government covers the tuition fees for all students without restriction of nationality. Students only have to meet registration fees and health insurance (around 600 Euro per year)
- (b) **Textbooks**: max 100 Euro

- (c) **Room and board**: Students houses are available from 150 Euro/month. Students can also find accommodation in the *Cité Universitaire de Paris* which brings together 37 French and International hall of residence in a 35 hectare park located in the south of Paris from 400 Euro/month.
- 8. **Other relevant costs:** other living expenses in Paris
- 9. (a) Availability of fellowships/scholarships for foreign students: Yes
 - (b) **If YES, number of fellowships/scholarships available**: Scholarships allocated by the President of the University; Scholarships allocated by the French Ministry of Education; Scholarships allocated by the French Ministry of Foreign Affairs. The number of scholarships allocated depends on the quality of the application filed.

International Space University (ISU)

(last update April 2008)

Address: 1 rue J-D Cassini, 67400 Illkirch-Graffenstaden, France

Tel: +33 (0) 3 886 554 30 Fax: +33 (0) 3 886 554 47 Web site: http://www.isunet.edu peeters@isu.isunet.edu

Contact Person: Walter Peeters

ACADEMIC PROGRAMMES

- 1. **Degrees offered in Space Law or related to space law:** Master in Space Management (MSM).
- 2. Courses offered in space law or related to space law: Principles of Space Law/Treaties; Regulation/ International Telecommunication Union; Intellectual Property Rights/Patent Law; Space Contracts Law/ Launch Contracts; Law on Space Debris; Legal Aspects of Earth Observation; Space and Militarization/Dual use; Ethical Aspects; Information Technology Law; Legal Aspects of Space Tourism; Space Policy, Launch site Agreements, ITAR Regulations, Space Insurance, WTO/EC Policy, Due Diligence, Third party Liability.
- 3. (a)Number of faculty members in the programme: 7 permanent and 50 guest lecturers (b)Number of students in the programme: 56 students in 2006-2007
- 4. **Duration of the programme:** 12 Months (Incl. internship)
- 5. **Language of instruction:** English
- 6. **Admission Standards:** Academic qualification at the level of the Bachelor degree (Canada, USA, Japan, BMD) or equivalent awarded by an accredited university. A proof of English proficiency is required. Preference is given to applicants holding higher academic degrees and to applicants with professional experience in industry, government agencies or academic institutions. Proficiency in a second language or willingness to learn a second language is highly desirable.
- 7. Cost of the programme:

(a)**Tuition:** 25 000 Euro

(b)**Textbooks:** included in the tuition fee (c)**Room and board:** not included

- 8. (a) Availability of fellowships/scholarships for foreign students: YES
 - (b)**If YES, number of fellowships/scholarships available:** Around 25 scholarships are available each year.
- 9. **Other relevant information:** The MSM is an interdisciplinary course. 20% of the students have legal/policy backgrounds.

GERMANY

Institut für Luft- und Weltraumrecht, Universität zu Köln

(last update April 2008)

Institute of Air and Space Law of the University of Cologne

Address: Albertus-Magnus-Platz, 50923 Cologne, Germany

Tel: +49 221 470 2337 **Fax**: +49 221 470 4968

Web site: http://www.uni-koeln.de/jur-fak/instluft

Email: Sekretariat-Hobe@uni-koeln.de

Contact Person: Prof. Dr. Stephan Hobe (Director)

Margret Krause (Secretary)

- 1. **Degrees offered in Space Law or related to space law**: No specific degree but there is the possibility of writing a doctoral thesis in space law
- 2. **Courses offered in space law or related to space law**: General course on air and space law (2 credits); Seminar in air and space law (2 credits); Colloquia in air and space law (2 credits)
- **3.** (a) **Number of faculty members in the programme**: 1 professor
 - (b) **Number of students in the programme:** 15-20 students
- 4. **Duration of the programme**: Ph.D.: approximately 2-3 years
- 5. **Language of instruction**: The main language is German; however seminars, papers and Ph.D. thesis can be provided in English
- 6. **Admission Standards**: High School Certificate (*Abitur*). For Ph.D.: First State Examination in Law or Master's degree with distinction, Tutor of the faculty and a good knowledge in German.
- 7. **Cost of the programme**:
 - (a)Tuition: None
 - (b) Other relevant costs: 60 Euro for the students social insurance
- 8. **Availability of fellowships/scholarships for foreign students**: None
- 9. **Other relevant information:** In Germany there is no structuring of the studies into undergraduate and graduate studies. There is only a general study of the law until the first State

examination after approximately 8 semesters and, within the realm of universities sometimes a possibility to visit a one to two years Master's course, and to write a doctoral thesis, tutored by a professor.

INDIA

International Legal Studies Division, Jawaharlal Nehru University

(last update February 2005)

Address: CSDIL&E, School of International Studies, Jawaharlal Nehru University, New

Delhi, India 110067.

Tel: +91 (11) 2670 4586

Fax: +91 (11) 2671 7586, 2619 7603 **Email**: yogeshtyagi@hotmail.com

Contact Person: Prof. Yogesh Tyagi

ACADEMIC PROGRAMMES

1. **Degree offered in space law or related to space law**: M. Phil. In International Law

2. **Course offered in space law or related to space law**: International Law and Space Law

3. (a) Number of faculty members in programme: 4

(b) Number of students in programme: 8

4. **Duration of programme**: Two years (four semesters)

5. **Language of instruction**: English

6. **Admission Standards**: Minimum qualifications: M.A., LL.B. or LL.M.

7. **Cost of programme**:

(a) **Tuition**: US\$8 000-\$10 000

(b) **Textbooks**: Approximately US\$ 500 (c) **Room and board**: US\$ 1000

(d) Other relevant costs: US\$ 1000

8. **Availability of fellowships/scholarships for foreign students**: None

9. **Other relevant information**: The study and research on Space Law at the International Legal Studies Division, CSDIL&E, SIS Jawaharlal Nehru University, New Delhi, has a special feature- it is conducted in an inter-disciplinary manner with an obvious advantage that students have an opportunity to understand and appreciate the economic, legal and other dimensions of the subject.

INDONESIA

Indonesian Center for Air and Space Law, Padjadjaran Law School

(last update February 2005)

Address: Jalan Imam Bonjol No. 21, Bandung 40132, Jawa Barat, Indonesia.

Tel: +62 (22) 250 8514, 250 3958 **Fax**: +62 (22) 250 8514, 662 9525

Web site: http://www2.elga.net.id/~webleged/icasl.htm (ICASL)

http://www2.elga.net.id/~webleged/index.htm

Email: esw@unpad.ac.id

danbudhijanto@yahoo.com e_saefullah@unisba.ac.id

Contact Person: Prof. Dr. E. Saefullah Wiradipradja, S.H., LL.M

Danrivanto Budhijanto, S.H., LL.M in IT Law

ACADEMIC PROGRAMMES

1. **Degree offered in space law or related to space law**: Law Degree; Master Degree; Doctorate Degree.

- 2. **Course offered in space law or related to space law**: Air & Space Law; Air Transportation Law; Telecommunications Law; Cyber law; International Treaties Law; and International Environmental Law.
- 3. (a) **Number of faculty members in programme**: 8 persons
 - (b) **Number of students in programme**: Law Degree: 35 students; Master Degree: 6 students
- 4. **Duration of programme**: Law Degree: 4-5 years; Master Degree: 2 years; Doctorate Degree: 3-5 years
- 5. **Language of instruction**: English and Bahasa Indonesia
- 6. **Admission Standards**: Master Degree: 3,00 Grade Points Average (GPA); Doctorate Degree: 3,25 GPA
- 7. **Cost of programme**:
 - (a) **Tuition**: US\$ 6,000 US\$ 9,000/semester
 - (b) Textbooks: US\$ 500/semester(c) Room and board: US\$ 750/month(d) Other relevant costs: US\$ 250/month
- 8. **Availability of fellowships/scholarships for foreign students**: None
- 9. **Other relevant information**: Researches and studies co-operation with National Air and Space Agency; Ministry of Foreign Affairs; Ministry of Communication and Transportation; Leiden Air and Space Law Institute. Indonesian aircraft industry near to university; Distinguish adjunct faculty; and Well-known guest lecturer.

ITALY

Universitá degli Studi di Padova

(last update April 2008)

University of Padua

Address: Via VIII Febbraio 5, 35 100 Padua, Italy

Tel: +39 049 827 8354 **Fax**: +39 049 827 8355 **Web site**: http://www.unipd.it

Email: segreteria@dsi.unipd.it

Elisabeth.back@unipd.it

back.impallomeni@tiscalinet.it

Contact Person: Prof. Dr. Elisabeth Back Impallomeni

ACADEMIC PROGRAMMES

- 1. **Degrees offered in Space Law or related to space law**: Degree (Laurea) in Political Sciences; Degree (Laurea) in Law; Master in Telecommunications Law
- 2. **Courses offered in space law or related to space law**: International Law of Space Activities; International Public Law; Law of International Organizations; European Community Law; International Economic Law
- 3. (a) Number of faculty members in the programme: 5
 - (b) **Number of students in the programme**: around 20 in space law and 300 in other related courses
- 4. **Duration of the programme**: one semester (30 or 60 hours) (4 or 8 credits)
- 5. **Language of instruction**: Italian
- 6. **Admission Standards:** Courses open to University student regularly registered
- 7. **Cost of the programme**:
 - (a) Tuition: free, except Master in Telecommunication Law.
- 8. (a) Availability of fellowships/scholarships for foreign students: Yes
 - (b) **If YES, number of fellowships/scholarships available**: only in the framework of the European Student Exchange ERASMUS programme

Universitá degli studi di Roma, "La Sapienza"

(last update April 2008)

Address: Piazzale Aldo Moro 5, 00185 Rome, Italy

Tel: +39 06 4991 0483 **Fax**: +39 06 4451 392

Web site: http://w3.uniroma1.it/scpol/stpagina.asp?id=875

Email: <u>sergio.marchisio@uniroma1.it</u>

Contact Person: Prof. Sergio Marchisio

ACADEMIC PROGRAMMES

1. **Degrees offered in Space Law or related to space law**: Degree in Law; Degree in Political Sciences

- 2. **Courses offered in space law or related to space law**: Course of 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.
- 3. (a) Number of faculty members in the programme: 3
 - (b) **Number of students in the programme:** 60 students
- 4. **Duration of the programme**: 3 months
- 5. **Language of instruction**: Italian
- 6. **Admission Standards**: Course open to University students with a First Level Degree
- 7. **Cost of the programme**:
 - (a) **Textbooks**: around 30 Euro
 - (b) Other relevant costs: University fees

JAPAN

Keio University

(last update April 2008)

Address: 5322 Endo, Fujisawa-city, Kanagawa, 252-8520 Japan (headquarters: 2-15-45 Mita,

Minato-Ku, Tokyo 108-8345 Japan)

Tel: +81-466-47-5111 Fax: +81-0466-47-5041 Web site: http://www.sfc.keio.ac.jp Email: jadp-request@sfc.keio.ac.jp

Contact Person: jadp-request@sfc.keio.ac.jp

Dr Setsuko AOKI: aosets@sfc.keio.ac.jp

ACADEMIC PROGRAMMES

Degrees offered in Space Law or related to space law: Degree specifically for space law
is not provided. Space law course is included in Graduate School of Media & Governance.
A graduate student can obtain Master's and Doctor's degree of either Global Governance,

Human Security and Communications, or Media and Governance depending on the programs he or she chooses.

- 2. **Courses offered in space law or related to space law**: Space law is one of the subjects in Global Governance, Human Security and Communications and Environmental Governance in the Graduate School of Media and Governance.
- 3. (a) **Number of faculty members in the programme**: One faculty with tenure. Several ad hoc faculties from industry, government agencies and space-related area.
 - (b) Number of students in the programme: Master's course 2; Doctor's course 1
- 4. **Duration of the programme**: 2 years for Master's Course; 3 years for Doctor's course
- 5. **Language of instruction**: English (Japanese in a class when all students are Japanese)
- 6. Admission Standards: http://www.keio.ac.jp and http://www.keio.ac.jp
- 7. **Cost of the programme**:
 - (a) **Tuition**: almost \$10,000 and an admittance fee for the first year is almost \$3000. For detailed information, see:
 - http://www.sfc.keio.ac.jp/prospective/aboutmag/scholarship.html.en
 - (b) **Textbooks**: not included in tuition fees. Cost depending on the programm one chooses.
 - (c)Room and board: none
- 8. (a) Availability of fellowships/scholarships for foreign students: yes
 - (b) If YES, number of fellowships/scholarships available:

There are two types of scholarships available to students. The first type of scholarship requires no repayment, but the second type is in the form of a loan and therefore requires repayment after graduation. A Keio University student loan charges a lower interest rate compared to private financial institutions and offers a reasonable repayment plan. Although each scholarship has different conditions students may receive more than one scholarship which can prove to be of some advantage for them. More information at:

http://www.keio.ac.jp/english/admissions/scholarships.html

9. **Other relevant information:** Foreign students can apply for the Ministry for Education, Culture, Sports, Science and Technology (MEXT) scholarship in his or her own country through the embassy of Japan in that country. MEXT scholarship offers one of the best conditions to foreign students.

OTHER INSTITUTIONS:

Other campus of Keio University also offers space law courses, including Faculty of Law and Graduate School of System Design Management (CDM). More detailed information at: http://www.keio.ac.jp

Ritsumeikan University, College of International Relations

(last update February 2005)

Address: 56-1 Kita-machi, Toji-in Kita-ku, Kyôto-shi, Japan

Tel: +81 (0) 75-465 1211 **Fax**: +81(0) 75 465 1214

Web site: http://www.ritsumei.ac.jp/eng/
Email: rkokusai@ir.ritsumei.ac.jp

Contact Person: Prof. Dr. Kunihiko Tatsuzawa

- 1. **Degrees offered in Space Law or related to space law:** B.A (Bachelor of Art) of International Relations; M.A (Master of Art) of International Relations.
- 2. **Courses offered in space law or related to space law:** In college courses: Material Study of International Relations 1 as well as Seminars for 3-4 years students, both entirely dedicated to Space Law and Policy. In Post-Graduate Courses: International Law of New Technology and Natural Resources, including Space Law and Policy.
- 3. (a) **Number of faculty members in the programme**: one full time professor for college and one full time professor and two part time Lecturers for Post-Graduate School.
 - (b) **Number of students in the programme**: about 25 students each year for college and 2-6 for Post-graduate School.
- 4. **Duration of the programme**: 1 semester
- 5. **Language of instruction**: College: Japanese; Post-graduate school: Japanese for but in the near future English will be provided every two years.
- 6. **Admission Standards**: Inscription is required for every courses
- 7. **Cost of the programme**:
 - (a) **Tuition**: College: 1 258 000 yen (around 11 437 US dollar) for the first year then for the following years 1 172 000 yen (10 655 US dollar); Post-graduate Studies 1 172 000 yen for the first year and then 1 032 000 yen (9 382 US dollar) for the following years
 - (b) **Textbooks**: Space Law System (45 US\$); International Co-operation and Commercialisation in Space Law (54 US\$); Free access to NASDA database
- 8. (a) Availability of fellowships/scholarships for foreign students: Yes
 - (b) If YES, number of fellowships/scholarships available: The scholarship offered by Ritsumeikan University is as follows: Encouragement System for Foreign Students studying at his own expenses (A half of tuition offered to 4 persons); Institution Reduction System for Foreign Students studying at his own expenses (A part of tuition annually offered to 71 persons); Scholarship provided within the International Academic and Cultural Exchange Fund (500 000 yen [4 545 US\$] annually offered to 3 persons); Hyajufuku ANDO Scholarship (1 000 000 yen [9 991 US\$ per year]; Scholarship of the Ritsumeikan Alumni Association for foreign Students Studying at his own expenses (300 000 yen [2 273 US\$] annually offered to 10 persons); Scholarship of the Korean Alumni Association for North and South Korean Students (300 000 yen annually offered to 2 persons). Their application should be presented to the Ritsumeikan University early in April each year. Apart from these scholarships, foreign students may have access to the following public scholarship: Japanese Government Scholarship to Foreign Students already being in Japan (180 000 yen [1 639 US\$] monthly offered to 2 persons and destined to university expenses as well as academic travel); Bounty of the Japan Association of International Education for Foreign Students (73 000 yen [664 US\$] monthly offered to 17 persons); Kyoto Prefecture Honorary Ambassador of Friendship (200 000 yen [181 US\$] monthly offered).

MALAYSIA

National University of Malaysia, Faculty of Law.

(last update April 2008)

Address: 43600 Bangi, Selangor, Malaysia

Tel: +60 3 8921 6359 / 6355

Fax: +60 3 8925 3217 **Mobile:** +60 19 434 1071

Web site: http://pkukmweb.ukm.my/~fuu/Homepagefuuenglish/index eng.htm http://

http://pkukmweb.ukm.my/~fuu/ (Malaysian version)

Email: wardatun@ukm.my

Wardahputeri@yahoo.com

Contact Person: Prof. Fatimah Yusro Hashim

ACADEMIC PROGRAMMES

1. **Degrees offered in Space Law or related to space law:** Bachelor of Law (LL.B)

- 2. **Courses offered in space law or related to space law**: Space law subject is offered in this institution as a whole subject and it includes: Introduction to space law and space treaties; Mechanism of space law; Application of space law to HCP and NCP and its implication; Domestic practice in Malaysia etc.
- 3. (a) Number of faculty members in the programme: 1professor
 - (b) **Number of students in the programme**: 50 students
- 4. **Duration of the programme**: 1 semester (optional paper)
- 5. **Language of instruction**: English and Malaysian
- 6. **Admission Standards**: Students who passed the International Law paper
- 7. **Availability of fellowships/scholarships for foreign students**: for Postgraduates only
- 8. **Other relevant information:** Books and other references are available in the Law Library, however, journals on Air Law and Space Law is still lacks owing to the subject being considered as an optional paper.

THE NETHERLANDS

Leiden University, International Institute of Air and Space Law

(last update April 2008)

Address: Faculty of Law, Steenschuur 25, 2311 XK Leiden, The Netherlands

Tel: +31 (0) 71 527 7724 Fax: +31 (0) 71 527 7600 Web site: http://www.leidenuniv.nl

Email: P.vanderWulp@law.leidenuniv.nl

Contact Person: Ms. T.L. Masson-Zwaan, Deputy Director, t.l.masson@law.leidenuniv.nl

- 1. **Degrees offered in Space Law or related to space law**: Master of Advanced Studies in Air and Space Law. The Master's of Advanced Studies programme in Air and Space Law is a combination of public air law, private air law and space law, both from an international and European perspective. The programme has been running since September 2000. As of September 2005, a blended learning version of the programme is also offered. The programme is offered by the law school's renowned Institute of Air and Space Law. The programme is designed for students who hold a full law degree, pursuing careers in law firms or in consulting firms having aviation and space law practice; legal departments of airports and airlines; aerospace companies; civil aviation authorities, ministries or international, regional and national organisations involved in aviation and space activities.
- 2. **Courses offered in space law or related to space law**: Public Air Law, Private Air Law, Principles and Practices of Legal Scholarship, Space Law and Policy, Air Transport Competition Law and Policy, EU Aerospace Law, Case Studies Space Law and Policy, Internship.
- 3. (a) **Number of faculty members in the programme**: Dr. P.M.J. Mendes de Leon, Director, Ms T.l. Masson-Zwaan, Deputy Director, Mr. F. Tronchetti, Academic Coordinator. In addition, visiting professors from other countries and distinguished legal practitioners teach in the programme's courses. An intensive interaction between students and teachers is fostered.
 - (b) **Number of students in the programme**: Varies from 15-20, including Face-to-Face and Blended Learning programme. In addition, there is a number of candidates preparing a PhD in air or space law
- 4. **Duration of the programme**: 1 year (with option to spread over 2 years). Start date: September/February.
- 5. **Language of instruction**: English
- 6. **Admission Standards**: All applicants must:
 - Have completed a full law degree (offering access to legal practice) with sufficient knowledge of international law. A full law degree is considered a degree that gives access to the legal professions in the country where the degree was obtained. Prior knowledge of Air and Space Law is an asset, but not compulsory; Candidates for the blended learning version of the Advanced Master's programme must have at least five years of professional experience in the field of air and/or space activities
 - Demonstrate a sufficiently high performance in a general law programme, validated by marks on their university degree/transcript and accompanying mark criteria, and letters of recommendation from current or previous professors and/or employers;
 - Have sufficient knowledge of European Law and international organisations. Applicants whose legal studies did not include these subject areas may be admitted provided they take the compulsory supplementary teaching offered;
 - Demonstrate a keen interest in aviation and space activities and the legal implications thereof, illustrated by, for example, a letter of motivation, past experience related to the subject i.e., professional experience, publications, conference papers;
 - Have proven English-language proficiency, validated through a TOEFL test (600 paper based/250 computer based or 100 Internet based) or IELTS test (7.0), occasionally complemented by a telephone interview. Students who do not meet this level of English but have a minimum score of IELTS 6.0 or equivalent, may be offered a place on the programme

on the condition that they attend a two-month pre-sessional English course at Leiden University.

- Application deadline: April 1^{st} for admission in September and October 15^{th} for admission in February.

7. **Cost of the programme**: For the LL.M

- (a) **Tuition**: \in 15,000 p/y (2008-2009) / \in 15,500 (2008-2009) for the blended learning option. The fee includes specified reading materials, excursions, attendance at selected conferences, social events organised by the institute, etc. All fees are subject to annual change.
- 8. **Availability of fellowships/scholarships for foreign students**: Leiden Law School offers a small number of scholarships, in addition to funding opportunities offered by the university and externally.

9. **Other relevant information:**

Mode of Study: Face-to-Face / Blended Learning / Modular. Blended learning participants largely work from their homes or offices and communicate with the teaching staff through Internet, using various new teaching techniques. Participants come to Leiden three times during the course for a period of two weeks, in order to follow classical teaching and to collect study materials for their thesis. Thereafter, students write their thesis 'at home', and graduation takes place at the end of August, jointly with the participants in the regular curriculum.

All courses listed in the full-time programme can also be taken on a single-course (modular) basis

http://postgraduate.leidenuniv.nl/finances/grantsandscholarships.jsp www.mastersinleiden.nl/programmes/llm_adv_air_and_space_law.jsp www.iiasl.aero

REPUBLIC OF KOREA

Hankuk Aviation University

(last update February 2005)

Address: 200-1, Hwajoen-dong, Koyang-si, Republic of Korea

Tel: +82 2 300 0340 Fax: +82 2 300 0151 Web site: http://www.hau.ac.kr Email: hkshin@hau.ac.kr

Contact Person: Prof. Dr. Hongkyun Shin

ACADEMIC PROGRAMMES

1. **Degrees offered in Space Law or related to space law**: B.A. in Law, M.A. in Space Law, M.A. in Air Law, Ph.D. in Space Law, Ph.D. in Air Law

2. Courses offered in space law or related to space law:

- (a) B.A.: Introduction to Air and Space Law, International Public Air Law, International Private Air Law
- (b) M.A.: International Public Air Law, International Private Air Law, Space Law, Satellite Communication and the Law, Air and Space Industry, International Organization in Air and Space, Domestic Air and Aviation Law, Air and Space Policy, Private Air and

Aviation Law, Public Air and Aviation Law, Aircraft Accident Investigation and the Law, Product Liability, Foreign Air Law, Aviation Penal Law

- (c) Ph.D.: International Public Air Law, International Private Air Law, Space Law, Satellite Communication and the Law, Air and Space Industry, International Organization in Air and Space, Domestic Air and Aviation Law, Air and Space Policy, Private Air and Aviation Law, Public Air and Aviation Law, Aircraft Accident Investigation and the Law, Product Liability, Foreign Air Law, Aviation Penal Law, Seminars on Air Law, Seminars on Space Law.
- 3. (a) **Number of faculty members in the programme**: 4 full-time professors and 3 visiting professors, and several part-time lecturers for all 3 degree programs
 - (b) Number of students in the programme: 120 for B.A., 30 for M.A., 5 for Ph.D.
- 4. **Duration of the programme**: 8 semesters for B.A., 5 semesters for M.A., more than 6 semesters for Ph.D.
- 5. **Language of instruction**: Korean
- 6. **Admission Standards**: Students who passed the International Law exam
 - (a) B.A.: Evaluation based on score achieved in national university admission test
 - (b) M.A.: Written and Oral Test in General Law, and professional career
 - (c) Ph.D.: As for M.A.
- 7. **Cost of the programme**:
 - (a) **Tuition**: B.A.: US \$3000 per semester, M.A. and Ph.D.: US \$2000 per semester
 - (b) **Textbooks**: various options available
- 8. **Availability of fellowships/scholarships for foreign students**: Yes, various scholarships/fellowships available, depending on research project and donation

RUSSIAN FEDERATION

Moscow State Institute of International Relations

(last update February 2005)

Address: University of the Foreign Ministry of Russia, 76, Vernadskogo Avenue, 119454

Moscow, Russian Federation

Tel: +7 (095) 434 8523 **Fax**: +7 (095) 434 9313 **Email**: Kolosov@mgimo.ru

Contact Person: Prof. Dr. Yury Kolosov

- 1. **Degrees offered in Space Law or related to space law**: Bachelor of Law (LL.B); Masters of Law (LL.M); Post-Graduate studies
- 2. **Courses offered in space law or related to space law**: International Space Law
- 3. (a) Number of faculty members in the programme: 2
 - (b) **Number of students in the programme**: 35 students

- 4. **Duration of the programme**: 16 hours
- 5. **Language of instruction**: Russian, English is possible
- 6. **Admission Standards**: International Law background; A good knowledge of Russian or English is required.
- 7. **Cost of the programme**:
 - (a) **Tuition**: 700 US dollars
 - (b) **Textbooks**: provided by the library (in Russian)
 - (c) **Room and board**: room for two persons from 100 to 160 US dollar per month
- 8. **Availability of fellowships/scholarships for foreign students**: None
- 9. **Other relevant information:** An individual contract is to be signed/is provided to each student. For more information contact: International Office, Eugeny Glazov, Head Deputy. Email: rlc@mgimo.ru, Tel/Fax: +7 095 434 9259

Peoples' Friendship University of Russia

(last update April 2008)

Address: Miklukho-Maklaya str., 6, 117198 Moscow, Russia

Tel.: 007 (495) 433 1480 Fax: 007 (495) 433 1480 Web site: www.rudn.ru

Email: kapustin@mail.rudn.rssi.ru

Contact person: Prof. Dr. Anatoly Ya. Kapustin

- 1. **Degrees offered in Space Law or related to space law:** LL.M. (Master of Law); Ph.D.
- 2. Courses offered in space law or related to space law: International Space Law; modern Problems of International Law; International Air Law; International Law and Disarmament; International Transport Law; International Economic Law.
- **3.** (a) **Number of faculty members in the programme:** 12 full-time professor and 6 part-time professors.
 - (b) **Number of students in the programme:** about 60 students each year (57 in 2007/2008).
- **4. Duration of the programme:** LL.M. 2 years (4 semesters); Ph.D. 3 years (distance learning modality 5 years); special courses 1 semester.
- **5. Language of instruction:** Russian, English and French.
- **6. Admission standards:** LL.M. programme: undergraduate Law Degree (Bachelor or equivalent) from an accredited university or college; exams in International Public Law, Theory of Law. Knowledge of Russian is obligatory. Ph.D. programme: post-graduate Law Degree (LL.M. or equivalent) from an accredited university or college; for residents (Russian citizens): exams in Public International Law; Philosophy, one foreign language (by choice of a candidate), a short essay on the elected topic; for foreigners: exams in Public International Law, the Russian language; a short essay on the elected topic.
- 7. Cost of the programme:
 - (a) **Tuition:** LL.M. programme 3100 euro per academic year (2 semesters) (4500 euro); Ph.D. programme 2550 euro per academic year (2 semesters) (3750 euro).

- (b) **Textbooks:** included in the tuition fee (in Russian).
- (c) **Room and board:** from 150 US dollars to 1800 US dollars per year.
- (d) Other relevant costs: 150 US dollars medical insurance.
- **8. Availability of fellowships/scholarships for foreign students:** Grants by the Government of the Russian Federation.
- **9. Other relevant information:** All Space law courses are taught as part of accredited Master of Law programmes.

SOUTH AFRICA

University of the Witwatersrand

(last update February 2005)

Address: Mandela Institute, School of Law, West Campus, Private Bag 3, Wits 2050,

South Africa

Tel: +27 11 717 8421 **Fax**: +27 11 339 4733

Web site: http://www.law.wits.ac.za
Email: whitej@law.wits.ac.za

Contact Person: Ms. Justine White

- 1. **Degrees offered in Space Law or related to space law**: Master of Laws (LL.M) in Communication Law.
- 2. **Courses offered in space law or related to space law**: An LL.M course in "Space and Satellite Law" is offered to LL.M students. This course can be taken as part of the general LL.M and must be taken by the LL.M students in Communications Law.
- 3. (a) Number of faculty members in the programme: 1 and various guest lecturers
 - (b) **Number of students in the programme**: around 10 students per year
- 4. **Duration of the programme**: 1 semester
- 5. **Language of instruction**: English
- 6. **Admission Standards**: Students who obtained a good LL.B degree can apply to the LL.M
- 7. **Cost of the programme**:
 - (a) **Tuition**: R 19010-20360 (South African Rand) one-year full time coursework; R 3150 one course, R 12600 4 courses required for the LL.M) (2005 Fees). A deposit of R3500 is required.
 - (b) **Textbooks**: around R 1630 (South African Rand)
 - (c) **Room and board**: catering residences R 16000- 20500 (South African Rand); non catering residences R 8500- 10400
 - (d) **Other relevant costs**: Travel around R 4000 (South African Rand)
- 8. (a) Availability of fellowships/scholarships for foreign students: Yes

(b) **If YES, number of fellowships/scholarships available:** The scholarships are limited. Preference is usually given to South African Students and in any event to African Students. These scholarships cover costs of tuition and textbooks.

UKRAINE

International Centre for Space Law (ICSL)

(last update February 2005)

Address: 01004 Kiev, Tereshenkivska Str. 2, Ukraine

Tel: +380 (44) 235 78 13/49 52

Fax: +380 (44) 235 49 52

Web site: http://www.spacelawcenter.org
Email: nrm@spacelawcenter.org

islc@priocom.com.ua

islc@ukr.net

Contact Person: Prof. Dr. Nataliya R. Malysheva

- 1. **Degrees offered in Space Law or related to space law**: Master of Laws (LL.M); Doctor of Philosophy (Ph.D.)
- 2. Courses offered in space law or related to space law: Ph.D.: Theory of international law; Public International Law; Private International Law; International Space Law; National Space-related Legislation (Russia, Ukraine, C.I.S., EU Member States, the USA and others); Commercial Aspects of Space Activities (legal concepts); Environment Protection and Space Activities; The Role of UN System in Space Law Development; L.L.M.: standard set of courses permitted to lecture for Ukrainian L.L.M. Programs and special accenting on space law-related issues.
- 3. (a) **Number of faculty members in the programme**: 9 permanent and visiting lecturers
 - (b) **Number of students in the programme**: Ph.D.: 5 students; LL.M.: 25 students.
- 4. **Duration of the programme:** Ph.D.: 3 years; LL.M.: 1 year
- 5. **Language of instruction**: Ukrainian, Russian
- 6. **Admission Standards**: Ph.D.: the achievement of the following exams is required in order to be accepted as a Ph.D. student: International Law, Philosophy, English and Russian (for foreign Students); LL.M.: achievement of one basic university degree (Bachelor).
- 7. **Cost of the programme**: around US\$ 1 800 per year
- 8. Availability of fellowships/scholarships for foreign students: Yes
- 9. **Other relevant information**: The Ph.D.(law) is handled by the International Centre for Space Law (ICSL). The LL.M. programme is handled by Kiev University of Law (ICSL specialists are invited to manage lectures/panels related to space law).

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

Centre for Commercial Law Studies

(last update February 2005)

Address: Queen Mary, University of London, 13 Charterhouse Square, London EC1M 6

AX, England, UK

Tel: +44 (0)20 7882 5725
Fax: +44 (0)20 7882 5767
Web site: http://www.ccls.edu/
Email: iccl@ccls.edu

Contact Person: Mary Heanue

ACADEMIC PROGRAMMES

- 1. **Degrees offered in Space Law or related to space law**: Internal LL.M. (Master of Laws), distance-learning LL.M., distance-learning Diploma. Also Internal Postgraduate Diplomas in Telecommunications Law and Computer Law.
- 2. Courses offered in space law or related to space law: Space Law; Telecommunications Law; Information Technology law; General Media law; Internet law.
- 3. (a) Number of faculty members in the programme: 6
 - (b) **Number of students in the programme**: around 50 students
- 4. **Duration of the programme**: In London: 1 year; Distance Learning: 2-4 years
- 5. **Language of instruction**: English
- 6. **Admission Standards**: Undergraduate Law degree with upper second class honours or equivalent
- 7. **Cost of the programme**:
 - (a) **Tuition**: In London LL.M.: £3180 for home students or EU students; £9170 for non-EU students; Distance learning LL.M.: £7800; distance learning Diploma: £4160, London Diploma fees: £2850.
- 8. **Availability of fellowships/scholarships for foreign students**: Yes, for London LL.M. None for distance learning.

UNITED STATES OF AMERICA

George Washington University, Space Policy Institute

(last update April 2008)

Address: George Washington University, Washington DC 20052, USA

Tel: +1 (202) 994-7292 **Fax**: +1 (202) 994-1639 **Web site**: http://www.gwu.edu/~spi/

Email: spi@gwu.edu

Contact Person: Director, John Logsdon

ACADEMIC PROGRAMMES

- 1. **Degrees offered in Space Law or related to space law:** M.A.; Ph.D.
- 2. **Courses offered in space law or related to space law:** Courses in various aspects of civilian, military and commercial space policy issues. One introductory space law course.
- 1. (a) Number of faculty members in the programme: 3
 - (b) Number of students in the programme: 20
- 2. **Duration of program:** M.A.- 2 years; Ph.D. 3-5 years.
- 3. **Language of instruction**: English
- 4. **Admission Standards:** At least Bachelor's Degree (US) or equivalent from accredited university, plus Graduate Record Examination.
- 5. **Cost of the programme**:
 - (a) **Tuition**: US \$21 000
 - (b) **Textbooks**: Varies, approximately US \$1 000 (c) **Room and board:** US \$16 500 per year
 - (d) Other relevant costs: Fees, US \$1 500
- 6. (a) Availability of fellowships/scholarships for foreign students: YES
 - (b) If YES, number of fellowships/scholarships available: 1-2

Georgetown University Law Center

(last update February 2005)

Address: 600 New Jersey Ave, Washington DC 20001, USA

Tel: +1 (202) 662-9000 **Fax**: +1 (202) 662 9439

Web site: http://www.law.georgetown.edu

Contact Person: Admission Office, Paul B. Larsen

- 1. **Degrees offered in Space Law or related to space law**: part of undergraduate or LL.M law degree courses
- 2. **Courses offered in space law or related to space law**: Seminar in space law assisted by lawyers at NASA and INTELSAT; Research programme and participation in the Manfred Lachs Moot Court; Possibility of combining the seminar with internships at INTELSAT and NASA.
- 3. (a) Number of faculty members in the programme: 1
 - (b) Number of students in the programme: 12 students

- 4. **Language of instruction**: English
- 5. **Cost of the programme**:

(a) **Tuition**: \$28 000

6. (a) Availability of fellowships/scholarships for foreign students: YES

(b) If YES, number of fellowships/scholarships available: Fulbrights or general fellowships

MIT OpenCourseWare

(last update February 2005)

Address: Massachusetts Institute of Technology, Room 9-213, 77 Massachusetts Avenue

Cambridge, MA 02139, United States of America

 Tel:
 +1 617 452 3621

 Fax:
 +1 617 253 2115

 Web site:
 <a href="http://ocw.mit.edu/mailto:ocw@mit.ed

Contact Person: Jon Paul Potts, MIT OCW Communications Manager

- 1. **Degrees offered in Space Law or related to space law**: MIT OpenCourseWare is not a degree program. MIT OpenCourseWare is a free and open publication of MIT course materials for use by students, educators and self-learners all over the world. Visit the Web site online at http://ocw.mit.edu.
- 2. Courses offered in space law or related to space law: MIT OpenCourseWare offers the educational materials from one course in space policy, "Course 16.891J/ ESD.129 Space Policy Seminar, Spring 2003," taught by MIT Professors Daniel Hastings and Jeffrey Hoffman. The seminar course explores current issues in space policy as well as the historical roots for the issues. Emphasis on critical policy discussion combined with serious technical analysis. The range of issues cover national security space policy, civil space policy, as well as commercial space policy. Issues explored include: the GPS dilemma, the International Space Station choices, commercial launch from foreign countries, and the fate of satellite-based cellular systems. The materials available include Lecture Notes, Readings, Assignments, Projects and a list of Related Resources on the Web. Course is available online at http://ocw.mit.edu/OcwWeb/Aeronautics-and-Astronautics/16-891JSpace-Policy-SeminarSpring2003/CourseHome/index.htm
- 3. **Number of faculty members in the programme:** Materials from 2 of MIT faculty
- 4. **Number of students in the programme:** Free and open educational resource available to educators, students and self-learners the world over.
- 5. **Language of instruction**: English
- 6. **Admission Standards**: No registration and no admissions required. Open and available to anyone with Internet connection at http://ocw.mit.edu/OcwWeb/Aeronautics-and-Astronautics/16-891JSpace-Policy-SeminarSpring2003/CourseHome/index.htm
- 7. **Cost of the programme**: Free and open access

8. **Other relevant information**: MIT OpenCourseWare is a large-scale, Web-based publication of the educational materials from the MIT faculty's courses. This unique initiative enables the open sharing of the MIT faculty's teaching materials with educators, enrolled students and self-learners around the world. MIT OCW provides users with open access to the syllabi, lecture notes, course calendars, problem sets and solutions, exams, reading lists, even a selection of video lectures, from 914 MIT courses representing 33 academic disciplines and all five of MIT's schools. The initiative will include materials from approximately 1800 courses by the year 2008.

National Center for Remote Sensing, Air, and Space Law, University of Mississippi School of Law

(last update April 2008)

Address: 558 Lamar Law Center, 1 Grove Loop University, MS 38677,

United States of America

Tel: +1 662 915 6857 **Fax**: +1 662 915 6921

Web site: http://www.spacelaw.olemiss.edu

Email: jgabryno@olemiss.edu

Contact Person: Professor Joanne Irene Gabrynowicz

- 1. **Degrees offered in Space Law or related to space law**: Juris Doctor (J.D.) of Law and Concentration in Remote Sensing, Air, and Space Law
- 2. **Courses offered in space law or related to space law**: International Space Law; U.S. Domestic Space Law; Remote Sensing Law; International Aviation Law; U.S. Domestic Aviation Law, Journal of Space Law.
- 3. (a) Number of faculty members in the programme: 3
 - (b) Number of students in the programme: 27
- 4. **Duration of the programme**: 3 years
- 5. **Language of instruction**: English
- 6. **Admission Standards**: Undergraduate degree from an accredited college or university and successful completion of the LSAT
- 7. **Cost of the programme**:
 - (a) **Tuition**: US \$9,376.50 for instate students, US \$ 18,996.50 for non-resident students
 - (b) **Textbooks**: Approximately US \$1,300.00 per year
 - (c) **Room and board**: US \$16,752.00
- 8. **Other relevant information**: All space law courses are taught as part of an American Bar Association Accredited Juris Doctor Degree Programme.

University of Houston Law Center

(last update February 2005)

Address: 100 Law Center, Houston, Texas 77204 6060, USA

 Tel:
 +1 (713) 743 2100

 Fax:
 +1 (713) 743 2122

 Web site:
 http://www.law.uh.edu

 Email:
 schandler@uh.edu

Contact Person: Seth Chandler

ACADEMIC PROGRAMMES

- 1. **Degrees offered in Space Law or related to space law**: None
- 2. **Courses offered in space law or related to space law**: Space (aeronautical) Law
- 3. (a) Number of faculty members in the programme: 1
 - (b) Number of students in the programme: 29 students in 2003
- 4. **Duration of the programme**: 14 weeks (one semester)
- 5. **Language of instruction**: English
- 6. **Admission Standards**: Acceptance to LL.M program, students in second or third year
- 7. **Cost of the programme**:
 - (a) **Tuition**: \$2 010 (resident), \$ 2610 (out of State)
 - (b) Textbooks: used free course materials(c) Room and board: not applicable
 - (d) Other relevant costs: included in costs listed for tuition
- 8. **Availability of fellowships/scholarships for foreign students**: None

University of Nebraska College of Law

(last update April 2008)

Address: PO Box 830902, Lincoln, NE 68583-0902, USA 68583-090 2

Tel: +1 402-472-9899 **Fax**: +1 402-472-5185

Web site: http://spaceandtelecomlaw.unl.edu

Email: jschaefer3@unl.edu

Contact Person: Jessica Schaefer, Exec. Director

ACADEMIC PROGRAMS

1. **Degree Offered in Space Law or Related to Space Law:** a) LL.M. (Masters of Laws) in Space and Telecommunications Law; b) J.D. (Juris Doctorate) with specialization in Space and Telecommunications Law; c) M.L.S. (Masters of Legal Studies for non-lawyers) with specialization in Space and Telecommunications Law

- 2. **Courses Offered in Space Law or Related to Space Law**: Over ten, including Space Law, National Security Space Law, National Space Legislation, European Regulation of Space and Telecommunications, Telecommunications Law, International Telecommunications Law, Researching Space Law, Cyber Law, and International Law
- 3. a) Number of Faculty members in program: Three (3)
 - b) Number of Students: Roughly 10 per year in LL.M.; 5 J.D. specializing in field; 1 M.L.S.
- 4. **Duration of Program**: a) For LL.M, it is nine months (two semesters) with 24 credit hours; b) For J.D., it is three years (six semesters) with 93 credit hours; c) For M.L.S., it is one year (two or three semesters) with 33 credit hours
- 5. **Language of Instruction**: English
- 6. **Admission Standards**: For LL.M., must have prior J.D. or foreign law degree. For J.D. and M.L.S., must have undergraduate degree. For foreign applicants, generally must take TOEFL.
- 7. **Cost of Program**
 - a) **Tuition**: \$25,000b) **Textbooks**: \$500
 - c) Room and Board: \$7,000
- 8. a) **Availability of Scholarships**: Yes
 - b) **Number of Scholarships**: Three of \$5,000 are available this year. Even more will be available in future.

Webster University

(last update April 2008)

Webster University - Denver Graduate Center (1st location)

Address: 9250 E. Costilla Ave., Suite 310 Greenwood Village, CO 80112, USA

Tel: +1-303-708-8305 Fax: +1-303-708-8439 Web site: www.webster.edu

www.webster.edu/denver

Email: denver@webster.edu:

Contact Person: Dr. Karl A. Sterner

Webster University - Colorado Springs Metro Campus (2nd location)

Address: 5475 Tech Center Dr., Suite 110, Colorado Springs, CO 80919 USA

Tel: +1-719-590-7340 **Fax:** +1-719-590-7343

Website: http://www.webster.edu/coloradosprings/

e-mail: <u>coloradosprings@webster.edu</u>

Contact Person: Ms. Candida Bennett

- 1. **Degrees offered in Space Law or related to space law**: Master of Science (M.S.) Degree in Space Systems Operations Management with emphasis in either Engineering and Technical Management; or Acquisition and Program Management.
- 2. **Courses offered in space law or related to space law**: Courses offered as an elective to the programme of studies in the Space Systems Operations Program: SPSM 5930, Space Law and Policy; SPSM 5600 Space Systems Acquisition Law (3 Credits each).
- 3. (a) Number of faculty members in the programme: 25
 - (b) **Number of students in the programme:** 80 (Denver) and 100 (Colorado Springs) Space System Management Program total
- 4. **Duration of the programme**: 39 credit hours, or approximately two and a half years
- 5. **Language of instruction**: English
- 6. **Admission Standards**: Applicants considered for admission to Webster University's graduate programs must have earned a recognized baccalaureate degree from an educational institution accredited by one of the six regional accrediting agencies in the United States. Students who completed their university education abroad must have earned an equivalent recognized baccalaureate degree, as determined by Webster University, and must submit original transcripts and the English translation. Full acceptance into the School of Business and Technology requires receipt of an official transcript from the baccalaureate granting institution with a minimum grade point average (G.P.A.) of 2.5. Students whose G.P.A. is above 2.0 but below 2.5 will be admitted under a "special status" category (see advancement to candidacy restrictions). Specialized graduate programs may have further admission requirements as outlined in their program description. Please see http://www.webster.edu for more information.

7. **Cost of the programme**:

- (a) **Tuition**: Tuition for the 2007-2008 Academic year is \$435 USD per credit hour.
- (b) **Textbooks**: Course material provided by Instructor on CD-ROM for SPSM 5930, cost \$20. On average, textbooks for other courses cost \$125 USD.
- (c) Room and board: Room and Board not available through Webster University.
- (d) Other relevant costs: None
- 8. (a) Availability of fellowships/scholarships for foreign students: Yes
 - (b) **If YES, number of fellowships/scholarships available**: Please see http://www.webster.edu for more information about scholarships and financial aid