



The First Postgraduation Course In Space Law & Policy of Brazil

9. Session "University-level education in space policy and law"

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Introduction

- How to start a new postgraduate course?
- How to convince an academic institution that a new educational project, with unprecedented educational content, is something possible?
- How to demonstrate the importance of space law and policy in Brazil?



está apresentando



Direito Espacial Brasileiro (Nacional) Plano de Voo



60h/aula.

6 encontros (maio - junho/2021) 24h

- Aula 1: 25/05/21 Introdução ao curso
- Aula 2: 01/06/21 História do PEB
- Aula 3: 08/06/21 PEB: política, organizações, programa e projetos
- Aula 4: 15/06/21 Governança espacial
- Aula 5: 22/06/21 MCTI e AEB
- Aula 6: 29/06/21 INPE e INMET

9 encontros (agosto - outubro/2021) 36h

- Aula 7: Direito das telecomunicações e uso de satélites*
- Aula 8: Direito tributário e aduaneiro (produtos espaciais)*
- Aula 9: Direito civil e comercial 1 (startups e empresas do setor espacial)*
- Aula 10: Direito civil e comercial 2 (startups e empresas do setor espacial)*
- Aula 11: Direito securitário para atividades espaciais*
- Aula 12: Defesa e Uso Espacial 1*
- Aula 13: Defesa e Uso Espacial 2*
- Aula 14: CEA. Centro Espacial de Alcântara.
- Aula 15: Acordo de Salvaguardas Tecnológicas - AST.

* A confirmar.

Pedagogical Project

Entry requirements

- The target audience of the course is professionals with higher education in Law, as well as higher education in several related areas: International Relations, Administration, Public Administration, Aerospace Engineering, and Social Sciences, among others.
- Interdisciplinarity is one of the present characteristics, which has value for the formation of the students.
- Although the legal content is predominant during the course, it is not the only field. Several international, political, technical topics on the space area, on the integration between the Internet and the space environment, among others, are developed in the course.

The Course

- The course is unique in Brazil
- According to 2023 Directory of the UNOOSA, the course is the only one dedicated to space law duly registered in the country
- The Brazilian National Registry of Higher Education Courses and Institutions (e-MEC) directory states that only this course is registered as a postgraduate course in space law and policy
- The lack of specialized undergraduate courses in Brazil creates a knowledge gap





- UNISANTOS, a higher education institution with 70 years of tradition in the community, already has a nucleus of recognized researchers, nationally and internationally, in the field of space law and policy
- UNISANTOS has a Research Group entitled **Space Law and Policy**, duly certified in the Brazilian National Council for Scientific and Technological Development (CNPq), with relevant scientific results, national and international researchers, and publications of international impact, by world-renowned publishers
- In addition to the high points, UNISANTOS has a strategic location because it is situated in the same city of the largest port and port logistics center in Latin America (the Port of Santos, 3 km from the University), 80 km from the largest metropolis in Brazil, São Paulo, and 150 km from São José dos Campos, the Brazilian Aerospace Technological Hub.

Objectives



General objective: to develop skills and abilities that maximize knowledge, and enable professionals to be trained for advanced practices of the national and international legal and political regime of Space Law.

Specific objectives:

- provide students with an understanding of the fundamentals and main themes of Law and Space Policy
- enable students to deepen knowledge about space law, international law, international space law, Brazilian space law, space policy and international relations, new actors in space law, internet law and the space environment
- promote studies for specific topics on Space Law, such as remote sensing, satellites, navigation satellite systems, the militarization of space, space policy, space resources, space debris, practices related to insurance in the space sector, notions on civil and commercial law, as well as tax and customs law focused exclusively on the space sector

The course has a workload of 360 hours/class, lasting 2 semesters. The 1st Class took place between April 2021 and May 2022. The subjects approved in the curriculum are as follows:

- Research Methodology Applied to Space Law (24h/class)
- International Law (32h/class)
- International Space Law (80h/class)
- Brazilian Space Law (60h/class)
- National and International Seminars (40h/class)
- Space Policy and International Relations (60h/class)
- New Actors in Space Law (32h/class)
- Internet Law and the Space Environment (32h/class)

Curriculum Matrix



Technical Visits Offered

In addition, in the search for practical experiences, face-to-face visits to cities and facilities of interest to the space:



Brasília - DF: guided visits to Brazilian Space Agency (AEB), Brazilian Ministry of Foreign Affairs (MRE/Itamaraty), Brazilian Space Operations Center (COPE), and Brazilian Ministry of Science, Technology and Innovation (MCTI)



São José dos Campos - SP: guided visits to the Technological Park (Brazilian Aerospace Cluster), Department of Science and Aerospace Technology (DCTA), and National Institute for Space Research (INPE), among others



Alcântara - MA: guided visits to the Brazilian Space Center of Alcântara (CEA), among others.

Note: Only CLA could not be visited by students due to the fact that it still has COVID-19 restrictions.

Fees:

- The individual cost of the course was R\$ 10,620.00 (approximately **US\$ 2,056.00**) in total.
- The fee for this course is competitive when compared to similar courses offered internationally.



Next Steps

- The course aims to attract more international students, especially those from the Community of Portuguese Speaking Countries (CPLP) such as Angola, Cape Verde, Guinea-Bissau, Equatorial Guinea, Mozambique, Portugal, São Tomé and Príncipe, and Timor-Leste.
- While the course is primarily taught in Portuguese, the university plans to offer trilingual subjects in Spanish, English and Portuguese to integrate students from Latin American countries where similar courses are not available.
- The University has already established partnerships with universities outside Brazil, including Universidad Católica de Colombia and Leiden University, among others. The university is interested in creating new partnerships to further expand its reach.
- For more information, please contact Prof. Daniel Freire e Almeida at: danielfreire@unisantos.br.



Thank you!



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