CentraleSupélec

UVSQ

université PARIS-SACLAY

MSc&T

MASTER OF SCIENCE & TECHNOLOGY

Space Business Strategy, Entrepreneurship and Sustainability by Design

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Space Business Strategy, Entrepreneurship and Sustainability by Design

OVERVIEW

As countries across the world work to remain at the forefront of the global Space Tech wave, numerous Aerospace companies, business units, startups and programs emerge and thrive each year. These entities also strive to meet sustainability goals, which have become increasingly essential in all sectors of society and the economy.

Space Systems and the economy are inextricably linked to our planet's ecosystem which demands our constant and devoted attention.

Business trends throughout the Space sector have reached all-time highs, with each new year passing previous records for Launch services, in orbit operations, constellation and communication services, and space data analytics.

This Program aims to match transversal technical know-how with business acumen, client behavioral comprehension and entrepreneurial boldness, all of which are key to the current and future development of Space organizations.

PROGRAM

MAIN MODULES

- Space Project and Program Management
- OldSpace, NewSpace, Client and partner typologies
- Sustainable Space by Design
- Space Entrepreneurship, Strategy, and Business
- Corporate Strategy, Growth and Business Development
- Space Law, Policy, Ethics, Geopolitics, and Contracts
- Space Venture, Finances, and Economics
- Nextspace and Data Applications in Business
- Professional project and individual Research Thesis

TEAM PROJECTS AND RELEVANT CASE STUDIES

Sustainable Space Growth project
2 SEMESTERS

Space Startup Bootcamp
1 WEEK

Pre-fundraising Dataroom ramp-up
3 DAYS

Immersive Serious Game: Emergency reaction to a Cataclysmic Climatic event
1 WEEK

Mock trial for contract terms infringement
2 DAYS

International business contract negotiation
2 DAYS

WORK EXPERIENCE

Opportunity for a part-time professional experience
throughout the year (Sept-May).

6 months full time
internship from May-June onwards.

PROGRAM ACADÉMICIEN DIRECTOR

Thomas Garnier
Space Systems Research Engineer
Tech Entrepreneur
Co-leads MEng Programs at University Paris Saclay and ESTACA University

FINANCING

Tuition fees:

€ 18,000

including a €1,800 deposit.

THE DEPOSIT IS PAYABLE UPON ACCEPTANCE INTO THE PROGRAM AND BEFORE REGISTRATION. THIS AMOUNT IS LATER DEDUCTED FROM YOUR TUITION FEES.

JOIN US

WHO CAN APPLY?

Recent Graduates

from top universities/schools with Master-level degrees in many relevant disciplines: Engineering, Law, Management & Business, Mathematics, Physics, Earth Sciences, Life Sciences, Data Science, Entrepreneurship, etc…

Professionals in relevant industry or academic fields

looking for a career change or additional expertise.

Bachelor-level graduates

with top profiles and/or several years of professional experience.

Candidates that have a good level of English

and are looking to study entirely in English. Non-native applicants will be tested in English through an interview and written case analysis.

ADMISSIONS

Applications and requests must be sent by email at:

msct-spacebusiness@centralesuplec.fr

ROUNDS DEADLINES

ROUND 1

April 19th, 2023

ROUND 2

June 13th, 2023

ROUND 3

July 31st, 2023

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