

"COPERNICUS MASTER IN DIGITAL EARTH"

A ROLE MODEL FOR AN INTERDISCIPLINARY JOINT MASTER PROGRAMME IN EARTH OBSERVATION AND GEOINFORMATION



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COPERNICUS MASTER IN DIGITAL EARTH (CDE)

Copernicus Master in Digital Earth (CDE), is an Erasmus Mundus Joint Master Degree programme, started in October 2019 and coordinated by:

- Paris-Lodron University Salzburg (PLUS), together with
- Palacky University Olomouc (UPOL)
- University of South Brittany (UBS)

CDE is fully accredited by the Agency for **Quality Assurance and Accreditation Austria**.

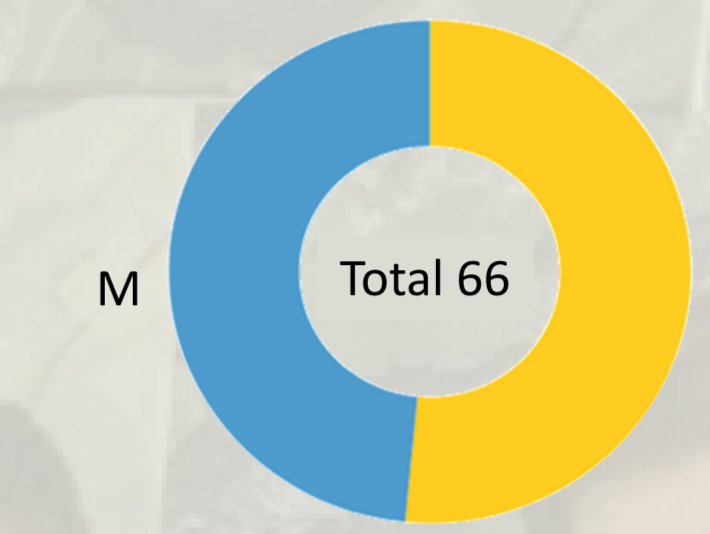
CDE is a unique role model to obtain a **master's degree** in the upcoming field of **EO*GI (Earth observation & Geoinformation)** with the focus on the **European Union's Earth observation programme Copernicus**, which offers information services based on **satellite EO and in-situ data**.

The CDE offers excellence through delivering **research-driven** and personalised education; CDE teachers work in partnership with students to provide a distinctive training and learning experience.

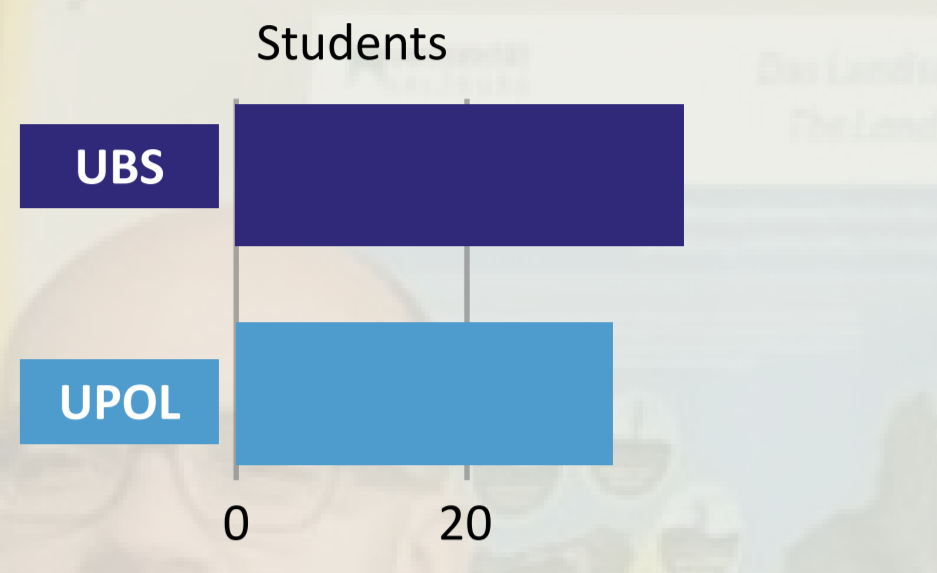
The supportive and inclusive environment encourages students to aim high, take intellectual challenges and work successfully in cross-cultural teams.

Students become acquainted with specific methods in project-oriented work and take methodological responsibilities in working groups and complex workflows.

Key to success are clearly defined learning outcomes to secure coverage of knowledge according to the **EO4GEO Body of Knowledge**.



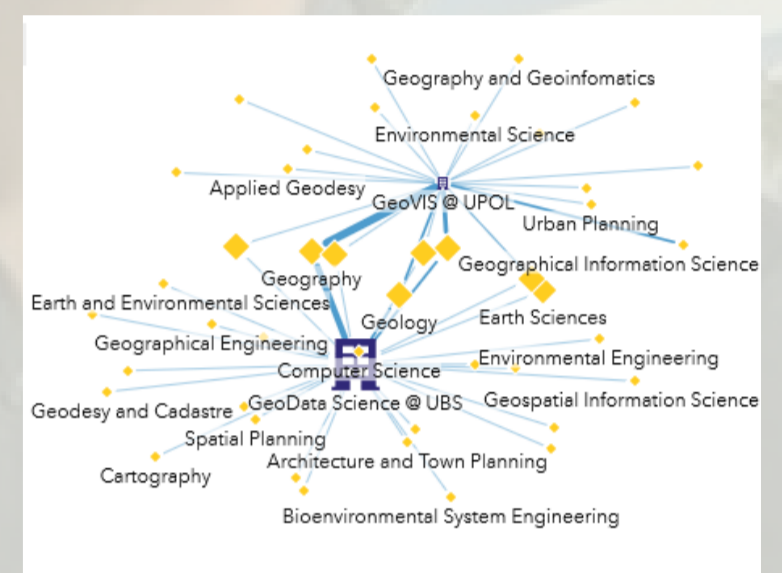
Gender balance



2nd year Specialisation

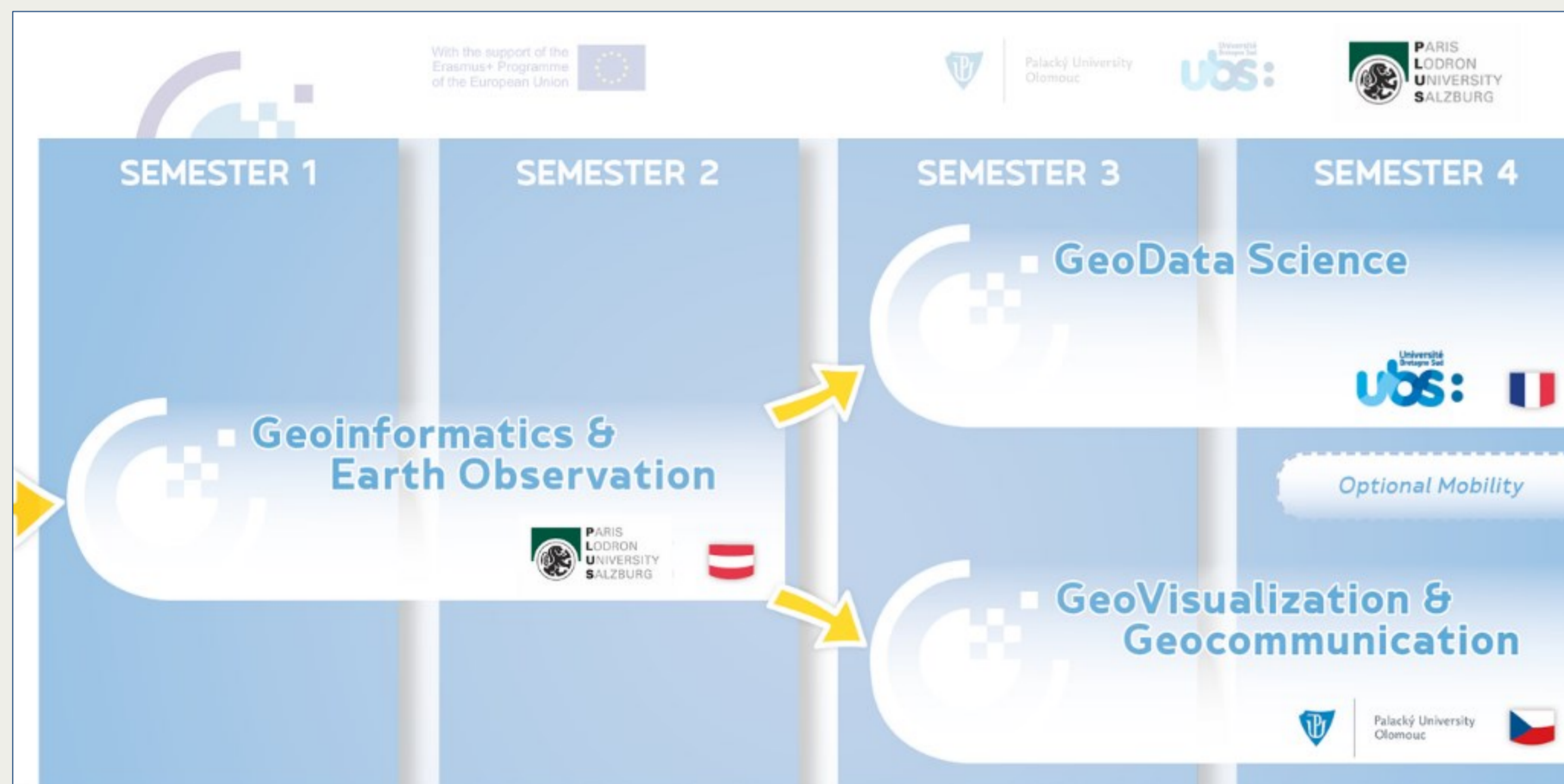


Student's last degree awarding university



Domain of previous degree

CURRICULUM



Total ECTS: 120

EO*GI (first year; 42 ECTS):

- PLUS

Specialisation Tracks (second year; 24 ECTS):

- UPOL (GeoVisualisation and Geocommunication OR
- UBS (GeoData Science)

Electives (12 ECTS)

International summer schools (6 ECTS)

Obligatory internship (12 ECTS):

Thesis (24 ECTS):

- MSc Thesis with joint supervision
- Double degree (currently)



APPLICATIONS AND EVALUATION

COPERNICUS MASTER IN DIGITAL EARTH - CDE

Cover Letter

REFER to Geospatial study & work

LIST experience in programming/software development & project work

ADD outreach & community services involvement

www.master-cde.eu

COPERNICUS MASTER IN DIGITAL EARTH - CDE

Motivation Letter

GET personal

TALK about who you are

EXPLAIN reasons for applying

LIST past experiences

DESCRIBE career perspectives

www.master-cde.eu

QUALITY ASSURANCE

The CDE complies with the **"European Approach for Quality Assurance of Joint Programmes (2015)"**, approved by European Higher Education ministers in May 2015 in Yerevan (adopted by the Board of AQ Austria in its 36th meeting on 20 Sept 2016).

The accreditation is valid until 19 May 2028.



STUDENTS – INTERNATIONAL GROUP OF PEERS

CDE qualifies individuals to leadership in translating **Copernicus services** and the **Digital Earth** vision.

Outstanding and award-winning students have initiated **start-ups** or contributed to exceptional scientific developments in the domains of **EO*GI** and **Digital Earth**.

Peer-reviewed publications demonstrate the quality of research outcomes of Master's Theses, with an article published in **Nature Geoscience**.

www.master-cde.eu



Max Aragon
Founder of **Wematics**, which is the first **ESA BIC startup** in Salzburg, Austria.



Cesar Luis Aybar Camacho
Developer of **CloudSEN12**, which is the largest public database, to improve the current cloud detection algorithms.



Meet student's – ePortfolio