INTERNATIONAL MASTER PROGRAMME
in
"*EARTH DYNAMICS*"
between
UNIVERSITÀ DEGLI STUDI DI PADOVA, ITALY
and
JOHANN WOLFGANG GOETHE-UNIVERSITÄT FRANKFURT AM MAIN, GERMANY

Description of the Programme

The proposed International Master Programme will be called '*Earth Dynamics'* and will consist of a first year at the home university (first and second semester), the third semester spent at the host university, and a jointly supervised Master project in the fourth semester.

The main objective of the programme is to train students in the field of Geosciences with a multidisciplinary approach with a focus on active and fossil orogeneses and coupling processes from mantle to atmosphere. Moreover, it aims to endow them with the ability to tackle advanced problems using state-of-the-art theoretical and analytical tools.

The programme will also aim to improve students' capacity to study, work and live in a multicultural environment and to upgrade and diversify their approaches to international relations.

During the study programme, students will gain a comprehensive understanding of the processes within and between the various geospheres, and will learn how to analyse and interpret them. At the same time, participants will be taught to work independently and fully responsibly on a research project.

Upon successful completion of the International Master Programme, students shall be awarded a degree by their respective home university as defined below.

Structure of the programme and student exchange plan

1. Studies leading to the degree shall last two years, totalling 120 ECTS credits: the students will spend the first and second semester (Year 1) at their home university, the third semester at the partner university and the fourth semester at the home and/or partner university.

2. The programme is coordinated by an Academic Board. This Board will be composed by three members of UNIPD and three members of UNIFR.

3. The study plan for students for students from University of Padova is defined at the end of

this document as long as a lists of available courses at the University of Frankfurt.

4. Students must obtain a minimum of 48 ECTS at the home institution before going abroad and a minimum of 30 ECTS credits at the host institution according to the study plan. Exceptions to these regulations must be approved by the Academic Board.

Admission requirements

The following eligibility criteria must be fulfilled by students applying for the programme:

1. To have successfully completed the first cycle of studies (equivalent to a First Level Degree / Bachelor of Science in Geosciences or a closely related degree).

2. To be regularly enrolled in the Master's Degree Course in "Geologia e Geologia Tecnica" at UNIPD or the Master Programme "Geosciences" at UNIFR. Students have to apply for the International Master Programme in their first semester until March 11th. During the 3rd semester, students may request an extension for an extra semester (4th semester) of their mobility period at the Partner Institution. All requests for extension will have to be agreed by the Academic Board.

3. To yield English skills at the level C1 or equivalent proven by appropriate certificates. Lower levels (e.g. B2) must be approved by the Academic Board.

The admission of students whose academic profile does partially not meet these requirements will be subjected to an additional assessment by the Academic Board, which will make the final decision and will propose a suitable study plan.

Student selection process

The parties may recruit up to 5 students per institution and academic year. The selection of exchange students, made by the Academic Board, will be based on a ranking according to the following criteria:

1. Grade of the first level degree (Bachelor) and academic records.

2. Motivational interview.

Language policies

UNIPD undertakes to offer German students the opportunity to attend an Italian language course as part of the teaching offered as host institution.

UNIFR undertakes to offer Italian students the opportunity to attend a German language course as part of the teaching offered as host institution.

Academic progress and examination of students

Examinations are performed at the same University where the courses have been attended and follow local regulations and methods of assessment. Whenever possible, ECTS grading scale will be adopted.

The ECTS credits for a Course Unit are gained if the student passes the exam, according to the local rules on pass/fail.

Both parties fully and automatically recognize courses and related ECTS credits, which are developed for the master, as well as examinations passed at the partner institution.

At UNIPD conversion of examination grades will be based on the ECTS scale related to the Laurea Magistrale in “Geologia e Geologia Tecnica” (according to the annual statistical analysis).

At UNIFR conversion of examination grades will be based on the ECTS scale defined by `Framework Regulations for tiered and modular Degree Programmes offered by the Johann Wolfgang Goethe University Frankfurt am Main dated 30.04.2014´ in the currently valid version.

Master thesis

With the purpose of strengthening the scientific cooperation between both institutions, the Master thesis will address, whenever possible, problems in areas of common interest to the two institutions and they will be organized as follows:

1. Whenever possible, the Master thesis will be supervised by a professor or researcher both at the home and the host institution.
2. Taking into account the mobility scheme of the programme, the thesis defence will take place at home University at the end of the second year of studies. The defence will follow the local rules of evaluation.
3. The thesis committee shall include members from both institutions.
4. The thesis must be written in English.

Enrolment, tuition fees, insurance and services to students

1. The home and host institutions shall ensure that students have a valid visa (where requested) and insurance policies before their departure.
2. Students are responsible for all their travel, accommodation and living expenses.
3. All students are subject to the host country national law regulating residence permits for foreign nationals.
4. Students participating in the International Master Programme shall only pay tuition fees to their home institution. Only supplementary fees (e.g. semester fees, additional compulsory insurance; etc) shall be paid to the host institution. In detail, for international students host by Frankfurt a semester fee of 319.89 € must be paid (this fee gives right to several benefits including the public transportation; the fee could be subjected to change year after year).

5. In case of late graduation and re-enrolment for an additional semester or academic years, the home university rules shall apply until the graduation.

6. The host institution undertakes to facilitate the arrival of the students and to put at their disposal all the existing services and study grants, if available.

Final Degree

Upon successful completion of the International Master Programme as defined in the present agreement and validated by the Academic Board, students will be awarded a degree by their home institution and a diploma supplement listing all courses attended at each university. The host institution will, additionally, issue a full Transcript of Records (in English) listing the exams taken at the host institution, the respective ECTS awarded and the grades obtained.

Cooperation aspects and monitoring

Both parties undertake to facilitate a constant exchange of information and transparent administrative procedures. The parties undertake to send the required documentation of students taking part in the programme. In particular, the parties will produce the Transcripts of Records of the exchange students reporting the marks according to the ECTS scale.

Each partner should appoint a local academic coordinator who will be responsible for ensuring that the requirements of the home Universities are met.

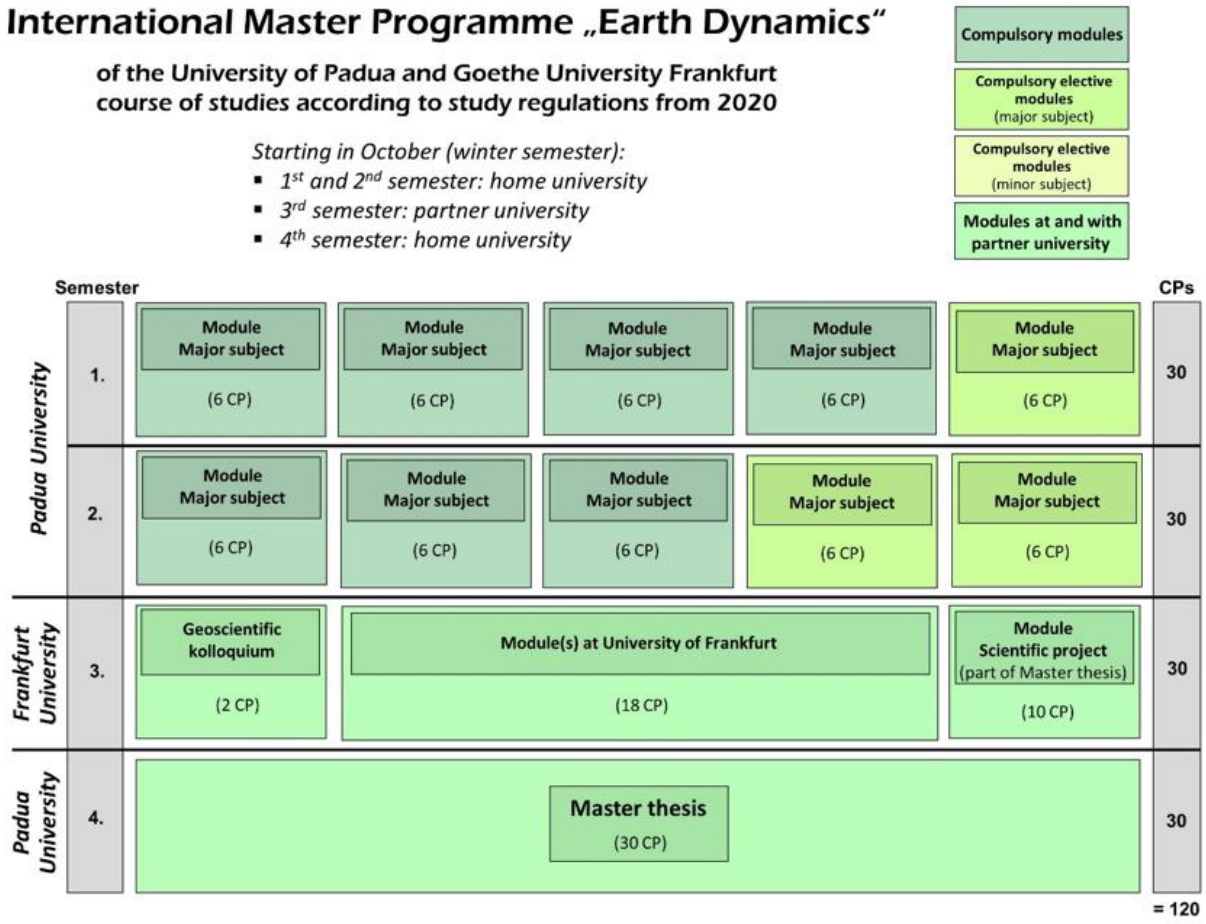
Both parties shall make all the possible efforts, namely before national and European/International institutions and companies, to obtain the maximum financial support for the programme

In addition, the Academic Board will meet on a regular basis in order to:

- Assess the pertinence of the teaching programmes in both institutions.
- Report on the cooperation and the academic results of the students.
- Propose new initiatives.

Padova, March 2021

Study plan for Padua students:



Courses available at the Department of Geosciences, Goethe-University Frankfurt:

	COURSE	CP
UNIFR	CLIMATE AND SEDIMENTARY SYSTEMS	2
	SEQUENCE STRATIGRAPHY	4
	SUBDUCTION ZONES FROM TOP TO BOTTOM	2
	GEOCHEMICAL/MINERALOGICAL/PETROLOGICAL SEMINAR	3
	THERMODYNAMICS FOR GEOSCIENTISTS	4
	THE GEOLOGICAL CYCLE OF IRON	3
	MANTLE PLUMES	2
	PALAEOENVIRONMENTAL RECONSTRUCTIONS AT VERY HIGH TIME RESOLUTION	3
	DATING OF DEFORMATION AND TECTONIC PROCESSES	2
	OROGENIC PROCESSES IN THE ALPS	3
	GEODYNAMIC MODELLING	4
	TECHNIQUES IN MARINE PROXY DEVELOPMENT	3
	BIOMINERALIZATION AND THE EARTH SYSTEM	3
	MICROFACIES	3
	MICROPALEONTOLOGY	3
	REGIONAL GEOLOGY AND PROCESSES	2
	FIELD TRIPS	1 - 6
	SCIENTIFIC WRITING IN ENGLISH	3