

Erasmus Mundus Student Agreement
EMERALD – Master Degree in Resources Engineering

Academic year 2018/2020
University of Liège (ULiège), Belgium,
Université de Lorraine (UL), France
Luleå University of Technology (LTU), Sweden
Technische Universität Bergakademie Freiberg (TUBAF), Germany

The undersigned

1. University of Liège (ULiège), acting as the coordinating institution of the consortium, represented by its Rector, Professor Albert CORHAY further called “the Institutional Coordinator”

and

2. Name of the student:
Born on:
Nationality:
further called “the student”

have agreed as follows:

Article 1: Consortium

The Erasmus Mundus Joint Master Degree (EMJMD) in Resources Engineering (EMerald) is a two-year master taught in English, organised jointly by the University of Liège (ULiège, Belgium), acting as coordinating university, Université de Lorraine on behalf of Ecole nationale supérieure de géologie (UL, France), Luleå University of Technology (LTU, Sweden), and Technische Universität Bergakademie Freiberg (TUBAF, Germany).

The Programme Coordinator for ULiège is Prof. Eric Pirard.

The local coordinators of the partner Institutions are:

- Université de Lorraine (UL) : Prof. Lev Filippov
- Luleå University of Technology (LTU) : Prof. Jan Rosenkranz
- Technische Universität Bergakademie Freiberg (TUBAF) : Prof. Urs Peuker

Article 2: Registration

In the framework of the Erasmus Mundus EMERALD Master programme, the student has to submit his/her application to the EMERALD Master Management Committee (acting as Selection Committee).

Once selected, he/she has to register as a regular student at the universities included in his/her mobility pathways (three or four universities).

The study scheme is the following:

Semester 1: ULiège

Semester 2: UL

Semester 3: LTU or TUBAF

Semester 4: ULiège, UL, LTU or TUBAF, according to his/her mobility for master thesis.

He/she will benefit from all rights guaranteed to regular students and he/she will have the same obligations and duties as well concerning academic, administrative and financial aspects.

The student can find online resources related to the EMJMD action in general (e.g. Erasmus + Programme Guide – section EMJMD) on the following website:

https://ec.europa.eu/programmes/erasmus-plus/opportunities/individuals/students/erasmus-mundus-joint-master-degrees_en

The student will participate in all surveys and evaluation processes of the programme, and will join the Erasmus Mundus Students and Alumni Association: www.em-a.eu

Article 3: Amount and payment of the scholarship for academic year 2018/2019 and 2019/2020

In the framework of the Erasmus Mundus EMERALD Master programme, the student will receive a scholarship granted by the European Commission to finance his/her participation to the Erasmus Mundus EMERALD Master programme. This scholarship includes three different contributions detailed below.

I. Contribution to the participation costs

The contribution to the participation costs includes the following:

- Registration fees
- Management fees (including laboratory expenses, supervision and running costs, etc.)
- Health and accident insurance coverage
- Access to the infrastructures of the universities (libraries, WIFI, etc.)
- Assistance from the international office at each University regarding administrative matters, accommodation, bank account, etc.

Contribution to the participation costs	4500 EUR per year per Programme Country scholarship holder
	9000 EUR per year per Partner Country scholarship holder

The contribution to participation costs is defined in the following way:

- Students whose nationality is one of the Erasmus+ Partner Countries and are not residents nor have carried out their main activity (studies, training or work) for more than a total of 12 months over the last five years in any Programme Country are considered as Partner Country students. The five-year reference period for this 12-month rule is calculated backwards as from the submission deadline (defined by the consortia) of applying for an EMJMD student scholarship.
- Students whose nationality is one of the Erasmus+ Programme Countries count as Programme Country students.
Students with a Partner Country nationality who do not fulfil the Partner Country criteria defined above (12-month rule) count as Programme Country students.
- Students with a double nationality (of a Partner and of a Programme Country) must specify the nationality under which they submit their scholarship application.

II. Contribution to the travel and installation costs

Contribution to the travel and installation costs	1000 EUR per year per scholarship holder <u>resident</u> of a Programme country for travel costs
	2000 EUR per year for travel costs + 1000 EUR for installation costs for scholarship holder <u>resident</u> of a Partner Country whose location is situated at less than 4000 km from the coordinating institution
	3000 EUR per year for travel costs + 1000 EUR for installation costs for scholarship holder <u>resident</u> of a Partner Country whose location is situated at 4000 km or more from the coordinating institution

The contribution to the travel and installation costs takes into account ONLY the residence of the scholarship holder (regardless of the category under which the student has been enrolled).

III. Contribution to subsistence costs

Contribution to subsistence costs (for both Programme and Partner Country scholarship holders)	1000 EUR per month for the entire duration of the EMJMD study programme (24 months maximum)
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Contribution to subsistence costs must not be given to:

- Scholarship holders for the EMJMD periods (study /research /placement /thesis preparation) spent in their country of residence;
- Partner Country Scholarship holders for the EMJMD periods exceeding three months (indicatively the equivalent of 15 ECTS) spent in any Partner Country.

The grant provided by the European Commission covers the following expenditures:

- Participation costs to the EMERALD Master programme, including insurance fee;
- Travel costs and, for those eligible, installation costs;
- Contribution to subsistence costs (monthly allowances for living costs).

The whole amount will be transferred to the Institutional Coordinator, which will pay the grant directly to the student of the EMERALD programme. The Institutional Coordinator deducts the participation costs for the whole master programme.

The student will open a European bank account and will provide the full details of this account to ULiège. The grant will be transferred to this account. If the student changes the bank account during the programme, he/she will provide the new bank account information to the coordinating University. He/she is asked to wait for the first payment to be received on the new bank account before closing the old one.

Practical details of the payment of the grant to students will be as follows:

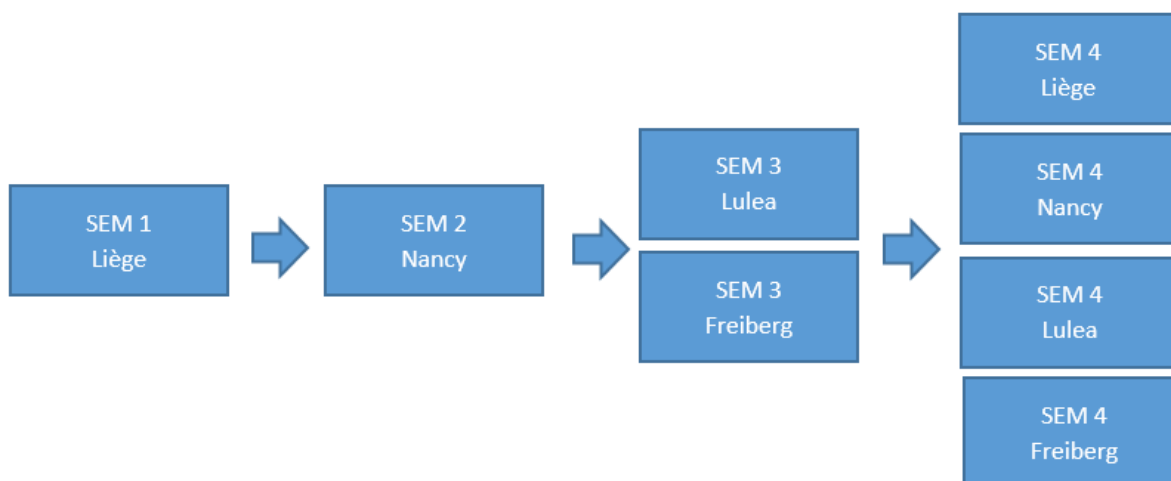
- Travel costs: The full amount for year 1 will be paid upon arrival at the University of Liège, and the full amount for year 2 upon beginning of the third semester.
- Installation costs: for eligible students, 1000 EUR for installation costs will be paid in full upon arrival in the first host institution, once the bank account is open.
- Subsistence costs: 1000 EUR per month for 24 months maximum, paid by bank transfer. Once bank accounts are provided, the payments are scheduled around the 20th of each month to cover the following month. In July, the payment may be put on hold a few days, allowing for retakes results to be obtained.

In case of drop-out, the payments will be stopped, and the student will have to pay back to the Institutional Coordinator all undue amounts according to the date of his/her withdrawal. Overpaid amounts are considered to be payments made to students for a period in which they were not

actively participating in the programme, e.g. a student having received an installment for month "n" whereas s/he has left the programme in month "n⁻¹".

If the drop out takes place between the end of year 1 and the beginning of year 2, the student commits him/herself to reimburse the monthly allowances received during the summer holidays.

Article 4: Mobility scheme



The mobility scheme of the EMERALD master includes two mandatory institutions in the first year. The student then spends the third semester in either LTU or TUBAF and the fourth semester in one of the four partner universities. The partner university chosen for semester 3 and 4 is decided according to the choice of the student and the decision of the Master Management Committee.

A summer business school shall be organized between semester two and three (after the end of the first academic year). This event is an intensive business programme, with several stakeholders from the sector of Resources engineering and teachers in business and entrepreneurship. It may include courses in management and finance, conferences, business games and debates, etc. The location and details of the programme will be confirmed to students. The business school is considered a mandatory preparation for the master thesis, with a certificate of attendance delivered at the end of it.

During the last semester, EMERALD students are offered to join one of the four partner universities or an associate university depending on the subject they want to specialize into during their master thesis, always under the supervision of one of the partner universities.

A student assigned to one of the four EMERALD universities (ULiège, UL, LTU and TUBAF) is obliged to perform a 30 credits thesis (including according the different universities thesis, internship or methodology course) as a complete and coherent set, under the supervision and according to the rules of this university.

Article 5: Academic calendar and exam sessions

The calendar of the programme is mentioned on the website.

Before his/her arrival, the student receives a brochure called "vademecum" which contains all practical information for the preparation of his/her arrival in the programme. Among the information provided, it details the academic calendar for the first semester, and includes information about the welcome activities in the first host institution. In addition, the student is informed on the academic calendar of each institution at the start of each semester.

Details of the courses (e.g. learning outcomes, mode of delivery of each course, assessment methods and criteria) can be found on the EMerald website (<http://www.emerald.ulg.ac.be>). Examinations and evaluations will be organised at the end of each module or at the end of each semester depending on the institution. Examinations can be oral and/or written (including open questions, multiple choice questions, or report in case of a project work). The master thesis will be evaluated by a jury, assigned by the consortium of universities.

Each partner institution will use its local grading system as well as the ECTS grading scale in order to provide a greater transparency and ease the academic recognition of periods of studies spent in each partner institution.

The ECTS mechanisms including the grading scale for the recognition of study periods will be fully implemented.

ECTS grade	Definition	ULiège	UL	LTU	TUBAF
A	Excellent - Outstanding performance with only minor errors	18-20	18-20	4-5	1.0 -1.5
B	Very good - Above the average standard but with some errors	16-17	16-17	4	1.6 – 2.0
C	Good – Generally good work with a number of notable errors	14-15	14-15	4-3	2.1 – 3.0
D	Satisfactory- Fair but with significant shortcomings	12-13	12-13	3	3.1 – 3.5
E	Performance meets the minimum criteria	10-11	10 -11	3	3.6 - 4
F	Fail	<10	<10	<3	>4

All learning activities can be evaluated twice (except in certain cases duly specified in the course description, e.g. training session which may be evaluated once, and in Luleå where learning activities can be evaluated more than twice).

For the first year of the master, if the student fails once, he/she can present the exam(s) a second time, even if he/she has moved to the following partner institution within the same academic year. Retakes from ULiège will be done remotely at UL.

Examinations at ULiège and at UL must have been successfully passed and credits obtained before July 31st (i.e. at the end of the first academic year of the University of Lorraine). If the student fails in obtaining all credits from ULiège and UL by the end of the first academic year, the student will have the possibility to repeat the year but the payment of the grant will be stopped.

For the second year of the master, if the student fails exam(s) in LTU, he /she can present the exam again as many times as necessary before the end of the academic year. If the student fails exam(s) in TUBAF, he/she can present the exam(s) a second time before the end of the academic year.

In order to be graduated, the student must successfully pass the 120 ECTS of the programme.

The student will graduate only if he/she fulfils the requirements of the Universities where he/she followed the courses.

Article 6: Services to the students

Several weeks before arriving in the programme, the student receives a vademecum containing very practical and detailed information regarding the formalities to enter and stay in Belgium (visa and residence permit), tutoring, insurance/health care system, accommodation, French courses, Erasmus Mundus Alumni association, as well as information regarding the first steps upon arrival and some preliminary information regarding next semesters.

Regular updates and details will be provided before the beginning and during the programme, regarding the administrative requirements in view of installation at the first and second host institution.

Each Partner will provide support and guidance with regard to the obtention of the visa to enter the country of the Partner (e.g. ULiège to enter Belgium) and the residence permit in the country after arrival.

French courses are offered to students for free in Liège, before arrival and during the semester. Details about the registration are provided in the vademecum.

Article 7: Health insurance

The student will be covered by a health insurance covering all items specified by the Executive Agency for the duration of the EMERALD master course (private health and accident insurance). When the insurance is chosen by the consortium, before arrival in the programme, the student will be provided by the coordinating institution with information regarding the exact coverage. Basically, this insurance covers urgent medical necessary treatments for an illness occurring for the first time. This means that check-ups or treatments that can wait until the student is back in his/her home country, are typically not reimbursed.

The insurance fee will be deducted from the student scholarship (amount I).

Upon arrival in Belgium as first host institution, it is compulsory for all students to register in a public health insurance ("*mutuelle*") in Belgium. If the student has a « European Health Insurance card », he/she has to validate it in a *mutuelle*. If the student doesn't have a "European Health Insurance card", he/she has to register in a *mutuelle*.

Each local partner will provide guidance with regard to any requirements due to health insurance in its country.

Article 8: Attendance of courses and suspension of the grant

The student is obliged to attend the courses delivered in the Erasmus Mundus EMerald Master programme regularly. The student is obliged to complete the assignments and participate in all examinations (except for adverse personal circumstances). But in any case, he/she has to inform the local coordinator about his/her absence.

The student will obey the rules of the Consortium University where he/she attends courses, in terms of safety, ethics and attendance.

In case of repeated absence to the courses or practical sessions, the Management committee may decide, after having heard the student, to suspend or terminate the payment of the grant.

During the assessment sessions, any recognized action of cheating or plagiarism will imply a penalty according to the rules of the institution where this act took place. The student is at risk of being expelled.

Article 9: Degree

After having successfully passed all exams as well as the Master Thesis and obtained the 120 ECTS credits, the student will be conferred multiple degrees by the University of Liège, Université de Lorraine and depending on its third institution, Lulea University of Technology or Technische Universität Bergakademie Freiberg.

The Diploma of the coordinating institution will be accompanied by its Diploma supplement, which will give details about the mobility of the student and the master thesis research work.

The graduated student will receive, at the end of the programme, provisional documents testifying this success, until the official diplomas can be delivered.

“EMERALD” is not a diploma in itself. It is the name of the Erasmus Mundus programme. The following link leads to the official list established by the European Commission, of all the Master courses organized under the Erasmus Mundus programme, among which will appear the name “EMERALD”:

http://eacea.ec.europa.eu/erasmus_mundus/results_compendia/selected_projects_action_1_master_courses_en.php

The following degrees can be provided by the different consortium universities, depending on the pathways of the students in the programme:

ULiège: Master en ingénieur civil des mines et géologue (master in Geology and Mining Engineering).

UL: Master Géosciences : Planètes, Ressources, Environnement

LTU: Master of Science – Major: Geosciences

TUBAF: Master of Science in Mechanical and Process Engineering

Article 10: Duration of the Agreement

The Agreement is valid from the date of signature of both parties and remains valid until the end of the normal duration of the EMERALD EMJMD programme (24 months).

Article 11: Dispute settlements

Parties will try to resolve any disputes arising from this agreement in a conciliatory manner. If no solution is reached, a decision will be taken by the Master Management Committee of the EMERALD Master Programme.

Made in two originals, one for each party.

Liège, on

<p>University of Liège</p> <p>EMERALD's Representative from the Coordination University. Acting on the Rector's authority,</p>	<p>The student</p> <p>Name and signature</p>
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