



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DIPARTIMENTO DI INGEGNERIA CIVILE,  
CHIMICA, AMBIENTALE E DEI MATERIALI

## DUAL DEGREE WITH UNIVERSITY OF MIAMI – APPLICATION PROCEDURE

A.Y. 2024/2025

Civil Engineering Master Degree Programme

Environmental Engineering Master Degree Programme - curriculum Earth Resources Engineering

### ART. 1 – Object and scope.

In the framework of the Double Degree Agreement between the University of Bologna and the University of Miami (USA), **1 scholarship** is available to students enrolled in the first year of the master's degree in Civil Engineering or in the first year of the master's degree in Environmental Engineering - curriculum Earth Resources Engineering in the academic year 2023/2024. The abovementioned scholarship is aimed at obtaining the Laurea Magistrale in Civil Engineering or the Laurea Magistrale in Environmental Engineering at UNIBO and the “Master of Science in Civil Engineering” at the University of Miami.

The selected student will spend **2 semesters** at the University of Miami, so as to attend classes, take exams and prepare the final project. Students must refer to the Dual Degree Agreement with the University of Miami and the related correspondence tables for details about the mobility scheme and the organization of the learning activities. These documents are available in the degree programme websites for the whole duration of the call:  
<https://corsi.unibo.it/2cycle/CivilEngineering/opportunities-international-degree-programme>;  
<https://corsi.unibo.it/2cycle/EnvironmentalEngineering/double-degree-with-the-university-of-miami>.

Each student may participate in as many “Call for applications” as they wish to, by going through the online procedure set forth in the article 5. Nevertheless, should a candidate be declared winner of more of them, they will be required to pick one when accepting the scholarship (see article 8). In the latter case, the following eligible applicant in the ranking shall be declared winner and will take over the position.

### ART. 2 – Scholarships' amount

Each scholarship, seen as a mean to financially support students abroad, amounts to **7,000** euros (gross), to which University tax obligations as well as student tax obligations are to be

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deducted. Such amount will be transferred in two installments by the Department of Civil, Chemical, Environmental and Materials Engineering (DICAM):

- The first installment (5,000 euros) after having formally accepted the scholarship and set off to the partner university;
- The last one (2,000 euros) at the end of the double degree on condition the student presents a certificate from the partner University stating their class' attendance

Moreover, requirements set forth in article 10 must be met.

### **ART. 3 – Participation requirements**

Students enrolled in the Academic Year 2023/2024 at the first year of the Master's degree in 8895- Civil Engineering or at the first year of the Master's Degree in 8894-Environmental Engineering (curriculum Earth Resources Engineering) may send off their application. Moreover, they must have at least **15 credits** registered in their career and a CGPA no lower than **25/30**.

### **ART. 4 - Incompatibility circumstances**

Under no circumstances scholarship's grantees may benefit from another international mobility grant issued by the Alma Mater Studiorum – University of Bologna for the same period and the same destination.

### **ART. 5 – Application procedure**

Applications should be submitted online only through Unibo's Studenti On Line, during the following period:

**February 9, 2024 – February 19, 2024 at 1 p.m.**

#### **5.1 – How to apply**

1. Log in to the SOL website (<https://studenti.unibo.it/>) with your University credentials;
2. click on the "Calls" button;
3. Select "bando di selezione per l'assegnazione di 1 posto di scambio e borsa di studio per studenti nell'ambito del programma di doppio titolo con la University of Miami";

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For technical support you can contact the Studenti Online Help Desk by phone (+39 051 20 80301) from Monday to Friday (9:00-13:00 and 14:00-17:00) or by e-mail ([help.studentionline@unibo.it](mailto:help.studentionline@unibo.it)).

Any communication or request about the present call shall be sent from the Unibo email address [...@studio.unibo.it](mailto:...@studio.unibo.it).

## 5.2 – Required documents

The following documents should be enclosed to the application:

- Transcript of records of the **Bachelor** Degree (including name of the degree, university, cgpa);
- **Motivation letter** in English (one A4 max.), which includes the candidate’s academic interests, the reasons of his/her decision to apply and the choice of a supervisor at UM, on the basis of the Table 1. The Table contains the name of potential supervisors and the correspondent research topics.

Table 1 – Professors at the University of Miami c.d. “supervisor”

Professor’s name	Research topics
Ghahremaninezhad, Ali	Novel materials for sustainable infrastructure
	Bio-inspired materials
Nanni, Antonio	Composite reinforcement for concrete structures
	Civil infrastructure sustainability and renewal
Rhode-Barbarigos, Landolf	Design and optimization of resilient coastal structures
	Design and analysis of tensegrity structures
Prannoy Suraneni	Advanced materials for sustainable infrastructure
	Concrete durability and cement hydration
Luis Ruiz Pestana	Molecular modeling of nanostructured materials
	Multiscale and multiphysics modeling of microbial communities
Minghui Cheng	Life-cycle management and climate change adaptation
	Digital twin-enabled smart city

- **Cv/résumé** with all the relevant documents considered useful for the application;
- Transcript of records of the **current degree**. Students can select the self-certification which is made available on the online procedure;
- **English proficiency certificate**;  
**IMPORTANT:** in order to be accepted by the University of Miami, students shall possess one of the following certificates:
  - IELTS Minimum 6.5
  - TOEFL (Internet-based) Minimum 80
  - TOEFL (Computer-based) Minimum 213

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- TOEFL (Paper-based) Minimum 550

Certificates are valid for two years from the time you took the exam. If you sit an English Language Certificate examination (among the ones accepted), but you still have not the certificate, you can upload an official document that certifies that you have taken the test and its relative results (e.g. Statement of Results).

As far as the aforementioned documents are concerned, Candidates should be aware of the following pieces of information:

- a) Italian and EU citizens can self-certify academic and professional degrees under articles 46 and 47 of the DPR 445/2000;
- b) Non-EU citizens regularly residing in Italy - as well as those entitled to live in the territory of the Republic - should abide by the subparagraphs 2 and 3 of the article 2 of the DPR 445/2000;

The Administration has the right to check the documents provided so as to ascertain they are truthful and accurate. Indeed, applicants providing fraudulent claims will lose the scholarship and will face criminal prosecution pursuant to article 76 of the DPR 445/2000.

#### **ART. 6 – Evaluation criteria**

Applicants will be evaluated against the following criteria:

- **Motivation letter:** up to **30** points;
- Curriculum of **1st level studies:** up to **25** points;
- Curriculum of **2nd level studies** (Laurea Magistrale): up to **25** points;
- **Other** experiences to be stated in the CV: up to **10** points;
- **English Language Certificate** (if any\*): up to **10** points: for CEFR level =B2: 3 points; for CEFR level =C1: 6 points; for CEFR level =C2: 10 points

Those getting an overall score no lower than 60/100 will be entitled to enter the final ranking.

If two or more scores are equal, the younger applicant will precede in the ranking.

#### **ART. 7 - Results**

The Evaluation Committee - after thorough deliberation - will draw up standings, pinpointing eligible applicants and their overarching score in descending order. Those standings will be published on **February 23, 2024** on the Department website ([www.dicam.unibo.it](http://www.dicam.unibo.it)) and on the websites of the involved degree programmes: <https://corsi.unibo.it/2cycle/CivilEngineering>;

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(<https://corsi.unibo.it/2cycle/EnvironmentalEngineering>).

Grantees will be subsequently appointed by Director's decree.

**The scholarship and the mobility are subject to the acceptance by the University of Miami. To this end, the selected student must apply for the Master in Civil Engineering at UM by April 1, 2024, according to the procedures and modalities indicated here: <https://studyabroad.miami.edu/students/incoming-exchange-students/incoming-application/index.html>.**

#### **ART. 8 – Acceptance and further actions**

No later than 10 days after the standing's publications, winners shall send to [dicam.didattica@unibo.it](mailto:dicam.didattica@unibo.it) a full acceptance of the scholarship, acknowledging the conditions set forth on each "Call for applications" and declaring they do not fall in the incompatibility circumstances set forth on article 4.

Those failing to deliver such a communication will be excluded from the procedure and will lose the scholarship.

The aforementioned acceptance shall be sent through the own Unibo's email address [...@studio.unibo.it](mailto:...@studio.unibo.it).

**The scholarship and the mobility are subject to the acceptance by the University of Miami. To this end, the selected student must apply for the Master in Civil Engineering at UM by April 1, 2024, according to the procedures and modalities indicated here: <https://studyabroad.miami.edu/students/incoming-exchange-students/incoming-application/index.html>.**

Eligible students will attend the double degree programme in the Academic Year 2024/2025 as long as they meet the merit-based criteria detailed in the following article 10.

#### **ART. 9 - Withdrawal**

Should a winner give up on their scholarship, the following eligible applicant in the standing will be appointed.

Scholarship's withdrawal must be communicated in writing to the address [dicam.didattica@unibo.it](mailto:dicam.didattica@unibo.it), by sending an email through the own Unibo's email address [@studio.unibo.it](mailto:@studio.unibo.it)

#### **ART. 10 – Forfeiture**

In order to attend the double degree and receive grant's instalments, the winner should abide

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by the following rules:

1. having registered all the learning activities of the first year before leaving - otherwise he/she will forfeit the scholarship and the double degree. He/she will continue attending the regular study track in Bologna and he/she will be required to pay back any sum already received from the Administration.
2. Having registered at least 30 credits at the partner university throughout the second year, otherwise he/she will forfeit the double degree and the scholarship. He/she will carry on the regular study track in Bologna. However, credits acquired abroad in the framework of the double degree agreement will be acknowledged and entered into student's career. Any sum already received shall be paid back.
3. Having completed all the learning activities at the partner university, otherwise he/she will forfeit the double degree. He/she will carry on the regular study track in Bologna and the credits acquired abroad in the framework of the double degree agreement will be acknowledged and entered into student's career. Those having acquired more than 30 credits will not be requested to pay back the scholarship.

Grantees will forfeit their scholarship if – by the end of the second year – they alternatively:

- Withdraw from the university;
- Transfer to another degree programme.

Such forfeiture will be declared by Director's decree.

#### **ART. 11 - Personal data**

Personal data enclosed in the applications will be processed with fairness and for call-related purposes only, taking into account law & regulations set forth on the Personal Data Protection Act (Legislative Decree 196/2003 – English version of the decree is available at this webpage) and on Regulation (EU) 2016/679 - General Data Protection Regulation. Data processing will be carried out with ICT as well as paper means. Personal data must be compulsorily provided in order to participate in this "Call for applications". Data controller is the Alma Mater Studiorum – University of Bologna with admin headquarters in Via Zamboni, 33 – 40126 Bologna. The Director of the DICAM Department is the leading authority concerning the rights set forth in the article 7 of the aforementioned Personal Data Protection Act ("Right to Access Personal Data and Other Rights")

#### **ART. 12 - Publication and legal disclaimer**

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This “Call for applications” is published on the University’s “Call for applications” portal <https://bandi.unibo.it>.

The leading authority of this “Call for applications” – pursuant to article 4 of the Law 214/90 – is Mrs Ilaria Pagliarini.

**Please be aware this document has been created for information purposes only. In the event of claims and legal issues, the “Call for applications” in Italian shall prevail.**

#### CONTACTS

*For teaching-related information:*

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