International Mobility Lab
Students in Environmental and land planning engineering

EXCHANGE YOUR MIND
POLITECNICO MILANO 1863
Planning a mobility experience - getting oriented

• The reference regulation:
  ▪ POLIMI regulation → the 2024/25 Call
  ▪ Additional ICAT regulation
• Partner Universities
• Preparing the preliminary study plan at the Partner University
  ▪ Mobility plan
  ▪ Learning Agreement
• Non ECTS credits (non-EU locations)
• Transcript of records
• Grading systems - conversion rules
The call

Call for International Mobility (2 per year, November and April)

https://www.polimi.it/en/campuses-and-services/international-mobility/study-abroad/the-call

To read carefully!!
Deadlines are mandatory
The 2024/25 call

https://www.polimi.it/en/campuses-and-services/international-mobility/study-abroad/erasmus-and-other-programmes/1-how-to-apply

- The CALL for schools of engineering
- Application tutorial
- Timing
- FAQ
The call

The Call is addressed to all students enrolled in:

- Laurea (equivalent to Bachelor of Science) courses
- Laurea Magistrale (equivalent to Master of Science)
- Single Courses

Sets the rules for:

- **INTERNATIONAL DOUBLE DEGREE MOBILITY (dl)**
- **INTERNATIONAL MOBILITY FOR STUDY (ms)**

**dl** Rules depend on the agreement with the partner University. In most cases, such programmes require:
- attendance from 1 to 2 academic years at a partner University
- a minimum of 60 ECTS credits at Politecnico di Milano
- up to 120 ECTS credits (comparable with Italian CFU credits), of which up to 60 recognised by Politecnico di Milano
- defending the Degree thesis at Politecnico di Milano (and where required at the partner University)

**ms** The duration **depends on the agreement with the partner Institution → 2-12 months**.
Mobility for Study generally lasts for one semester extension to be agreed between Politecnico di Milano and the host Institution.
Reference persons

- Elena Ficara – elena.ficara@polimi.it for students planning a short-term mobility in Austria, Belgium, Finland, France, Germany, Greece, Ireland, Netherlands, Poland, Portugal, Czech Republic
- Luigi Zanzi – luigi.zanzi@polimi.it for students planning a double degree project
- Luca Alberti – luca.alberti@polimi.it for students planning a short-term mobility in Extra EU countries, Sweden, Denmark
- Matteo Giuliani – matteo.giuliani@polimi.it for students planning a short-term mobility in Spain
Eligibility and constraints for ICAT (in addition to what stated in the CALL)

Eligibility:
• M.Sc. students → no restrictions
• B.Sc. students → (CFU>= 100) & (average grade >= 23/30) when applying can do the mobility at the 1rst year of MSc
• B.Sc. students → (CFU>= 55) & (average grade >= 23/30) when applying can do the mobility at the 3rst year of BSc

Maximum duration of short-term mobility: at B.Sc. level = 6 months; at M.Sc. level = 1 year (even divided into two non-consecutive periods and at two different partner universities).
Max CFU validated from the mobility: max 30 at the B.Sc. Level; 60 at the M.Sc. level (excluding students enrolled in a double degree program).

NOTE: in order to obtain the M.Sc. degree, the POLIMI regulation requires that a minimum of 60 CFU of regular courses (excluding the CFU of the final degree examination and of internal and external stages) be taken at POLIMI.

Thesis: M.Sc. students are allowed to prepare their thesis during a short-term mobility program.

Note: Additional requirements (e.g., minimum average grade, language certificates) may be imposed by the partner institutions, as specified in the agreement with POLIMI.
How to choose your Partner University

"Map of partner Universities and Mobility Agreements":

• details on each agreement,
• eligible study programmes,
• references to the web pages for exchange students
  o educational offer
  o language of delivery of the offered courses,
  o academic calendar,
  o the language requirements,
  o the application submission deadlines etc.
### How to choose your Partner University


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**KONGENS LYNGBY, DENMARK**

The Technical University of Denmark (DTU) is a leading technical university with a world-class reputation. DTU is ranked as one of the foremost technical universities in Europe and continues to set new records in the number of research publications. The international dimension is of vital importance to DTU, one fifth of DTU’s scientific staff is recruited internationally, and the numbers of students from abroad are increasing continuously. DTU has contributed to Denmark achieving a leading position within Technical Design, Wind Energy, Biotechnology, Electronics and Telecommunication. For almost two centuries, DTU has been dedicated to fulfilling the vision of H.C. Ørsted - the father of electromagnetism - who founded the university in 1829 to develop and create value using the natural sciences and the technical sciences to benefit society.

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**OPPORTUNITIES AVAILABLE**

<table>
<thead>
<tr>
<th>DOUBLE DEGREE UE</th>
<th>Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 positions</td>
<td>LAUREA MAGISTRALE (SECOND DEGREE), LAUREA SPECIALISTICA A CICLO UNICO</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ERASMUS PROGRAMME</th>
<th>Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 positions</td>
<td>LAUREA MAGISTRALE (SECOND DEGREE)</td>
</tr>
</tbody>
</table>
How to choose your Partner University

A dedicated excel sheet is available at the school Website with useful infos (other than those already availably on the Partner University Map). It contains 2 sheets:

- EU
- Extra-EU → note that they have a different grading systems
How to choose your Partner University

**DISCLAIMER:** it is up to each candidate to verify that the didactic offer in their Partner University of choice is valid for her/his specific case. Even P.U. classified as very good may be inadequate in specific cases.

**Student/University specific constrains** may apply such as:

- Your personal Study Plan (max flexibility at the first year of the Master program, min flexibility at last semester of M.Sc., B.Sc.)
- Constrains related to min number of CFU as (B), (C) class of courses → to be verified by the student
- distribution of courses within semesters
- hemi-semesters may apply
- ...

*Be careful with French P.U. (small courses, 2° semester may have a poor offer, bloc of courses may have to be picked instead of single one)*
How to choose your Partner University

General hints

When planning your mobility, leave the possibility to pick **elective courses** → they do not provide “crucial topics” within your study track and may be substituted with different courses that are of interest for ICAT students but that are not available at POLIMI.

The correspondence of the didactic content for **compulsory courses** has to be reasonably covered since they are considered as foundational in your study track.
General hints

**B.Sc. Students** have to be especially careful with:

- Hydrology (**7+1** CFU)
- Soil mechanics (**7+1** CFU)
- Territorial planning (**7+1** CFU)

They have to be corresponded with **8** CFU (since you will not be able to take part in the project providing the 1 CFU).

The CFU valid for the final degree is validated by the responsible teacher (Profs Ravazzani, Sterpi, Fossa).

*(note: They have to be reminded that their course was taken during the Erasmus exchange)*
How to choose your Partner University

General hints

• Be aware of your deadlines and seek support in advance

• Coordinators have many other duties besides supporting Erasmus students, avoid last minute requests which may not be addressed in time ➔ as a general guideline, allow 1 week for any reply/reaction
A word fine named “Mobility Plan” is available at the School Website.

- It is meant to be used when sharing your proposal for your study plan abroad with your reference coordinator.
- It includes personal infos on the student career and all details required for an informed evaluation of the student’s proposal.
Proposed study plan and equivalence table

<table>
<thead>
<tr>
<th>Course name</th>
<th>Professor</th>
<th>Course ID</th>
<th>CFU</th>
<th>Mand. / Elect.</th>
<th>Course name</th>
<th>Course ID</th>
<th>CFU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modelli statistici e processi stocastici</td>
<td>Epifani</td>
<td>089112</td>
<td>6</td>
<td>M</td>
<td>Calculo y estadistica</td>
<td>125001101</td>
<td>6</td>
</tr>
<tr>
<td>Photogrammetry and photointerpretation</td>
<td>Reguzzoni</td>
<td>097464</td>
<td>10</td>
<td>M</td>
<td>Redes fotogrametricas + Teledetección aplicada</td>
<td>125005304</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+ 125000507</td>
<td></td>
</tr>
<tr>
<td>Maritime engineering</td>
<td>Passoni</td>
<td>095855</td>
<td>8</td>
<td>E</td>
<td>Ingenieria del litoral + Ordenacion y gestion de zonas costeras</td>
<td>45001434</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+ 123000166</td>
<td>4.5</td>
</tr>
</tbody>
</table>

ECTS credits

You do not need to collect approval from each professor of each course you are taking at the Partner University, unless your coordinator asks you to

Total ECTS credits should not differ by more than 5% (10% in exceptional cases).
### Table 1: info needed for the equivalence evaluation

<table>
<thead>
<tr>
<th></th>
<th>Info POLITECNICO</th>
<th>Info Foreign institution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name of the class:</strong></td>
<td>Modelli statistici e processi stocastici</td>
<td>Calculo y estadistica</td>
</tr>
<tr>
<td>CFU</td>
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<td>6</td>
</tr>
<tr>
<td><strong>Semester</strong></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Professor</strong></td>
<td>Epifani</td>
<td></td>
</tr>
<tr>
<td><strong>Professor Email</strong></td>
<td><a href="mailto:ilenia.epifani@polimi.it">ilenia.epifani@polimi.it</a></td>
<td></td>
</tr>
</tbody>
</table>

## Preparing your study plan

### On-line services/international mobility

<table>
<thead>
<tr>
<th>Cfu</th>
<th>Insegnamento pieno</th>
<th>Insegnamento esterno</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td></td>
<td></td>
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<tr>
<td>0.0</td>
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<tr>
<td>0.0</td>
<td></td>
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</tr>
<tr>
<td>10.0</td>
<td>051275 - PHOTOGRAMMETRY AND DRONE SURVEYING</td>
<td>REMOTE SENSING DIGITAL IMAGE PROCESSING</td>
</tr>
<tr>
<td>10.0</td>
<td>051529 - SLOPE STABILITY [I.C.]</td>
<td>ROCK MECHANICS, TUNNELS AND UNDERGROUND WORKS</td>
</tr>
<tr>
<td>10.0</td>
<td>088717 - TRATTAMENTI DELLE ACQUE DI RIFIUTO</td>
<td>GEOTECHNICAL ENGINEERING FOR TRANSPORT INFRASTRUCTURES</td>
</tr>
<tr>
<td>10.0</td>
<td>088717 - TRATTAMENTI DELLE ACQUE DI RIFIUTO</td>
<td>WATER TREATMENT</td>
</tr>
<tr>
<td>10.0</td>
<td>088717 - TRATTAMENTI DELLE ACQUE DI RIFIUTO</td>
<td>WASTEWATER TREATMENT</td>
</tr>
<tr>
<td>6.0</td>
<td>089112 - MODELLI STATISTICI E PROCESSI STOCASTICI</td>
<td>ADVANCED DESIGN AND SIMULATION OF WASTEWATER TREATMENT PLANTS</td>
</tr>
<tr>
<td>10.0</td>
<td>089122 - TELERILEVAMENTO</td>
<td>STATISTICS</td>
</tr>
<tr>
<td>10.0</td>
<td>090004 - IDRAULICA APPLICATA E IDROGEOLOGIA</td>
<td>PHOTOGRAMMETRY SPATIAL GEODESY</td>
</tr>
<tr>
<td>10.0</td>
<td>090869 - IMPIANTI SPECIALI IDRAULICI</td>
<td>HIDRAULICA FLUVIAL Y RESTAURACIÓN DE RÍOS</td>
</tr>
<tr>
<td>8.0</td>
<td>095555 - MARITIME ENGINEERING</td>
<td>APROVECHAMIENTOS HIDRÁULICOS Y ENERGÉTICOS</td>
</tr>
<tr>
<td>8.0</td>
<td>095555 - MARITIME ENGINEERING</td>
<td>INFRAESTRUCTURAS HIDRÁULICAS URBANAS</td>
</tr>
</tbody>
</table>

**Archivio Insegnamenti Convalidati nell’Ambito degli Scambi Internazionali**

Per poter accedere alla visualizzazione delle convalidhe selezionare lo scambio di interesse e l’ateneo.
# Online Learning Agreement (OLA)

## Corrispondenze

<table>
<thead>
<tr>
<th>Corrispondenza n.</th>
<th>Insegna e Manifesto</th>
<th>Corso Esteri</th>
<th>Nota del Docente</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>05742 APPLIED HYDRAULIC AND HYDROGEOMETRY</td>
<td>Applied Hydrogeology</td>
<td>Exame superato: S E richiesta convalida: S</td>
</tr>
<tr>
<td>22</td>
<td>058904 WATER AND FOOD SECURITY</td>
<td>Sustainable Food Production and Consumption</td>
<td>Exame superato: S E richiesta convalida: S</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Environmental Dynamics/Physical Processes</td>
<td>Exame superato: S E richiesta convalida: S</td>
</tr>
</tbody>
</table>

**Versione del:** 10/09/2022 18:12  
**Stato della versione del LA:** V Approvato  
**Invito al docente il:** 10/09/2022 18:14  
**Data della valutazione:** 15/09/2022 18:49  
**Presentazione Changes:**  
**Apertura changes:** 20/08/2022  
**Chiusura changes:** 10/10/2022  
**Crediti totali:**  
- Totale crediti esteri: 30.0  
- Totale crediti esteri in ECTS: 30.0  
- CFU totali PoliMI: 30.0  
**Stato delle corrispondenze:** Approvate
International Mobility Programme

THIS IS TO CERTIFY

that the ERASMUS student has successfully completed the following course of the Integrated Master (MSc) in Environmental Engineering:

<table>
<thead>
<tr>
<th>COURSES</th>
<th>ECTS CREDITS</th>
<th>IST GRADE*</th>
<th>ECTS GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Probabilistic and Statistics</td>
<td>6.0</td>
<td>12</td>
<td>D</td>
</tr>
<tr>
<td>Geographical Information Systems</td>
<td>4.5</td>
<td>15</td>
<td>C</td>
</tr>
<tr>
<td>Environmental Management System</td>
<td>6.0</td>
<td>17</td>
<td>B</td>
</tr>
<tr>
<td>Risk Analysis</td>
<td>6.0</td>
<td>14</td>
<td>C</td>
</tr>
<tr>
<td>Environmental Impacts</td>
<td>4.5</td>
<td>15</td>
<td>C</td>
</tr>
</tbody>
</table>

*Scale 0-20

Lisbon, 11\textsuperscript{th} March 2010

The President of Instituto Superior Técnico

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<table>
<thead>
<tr>
<th>ECTS Grade</th>
<th>% of successful students normally achieving the grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
</tr>
<tr>
<td>B</td>
<td>25</td>
</tr>
<tr>
<td>C</td>
<td>30</td>
</tr>
<tr>
<td>D</td>
<td>25</td>
</tr>
<tr>
<td>E</td>
<td>10</td>
</tr>
<tr>
<td>FX</td>
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</tr>
<tr>
<td>F</td>
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</tr>
</tbody>
</table>
Converting grades - MSc
Who to contact

**Mobility office:**
- follows the student in the presentation of the application and for all aspects relating to the forms and administrative aspects.
- provides information on the requirements/constraints of the partner institutions and on the deadlines for submitting applications.

**Mobility coordinators:**
- support the students in preparing the study plan for the exchange project
- verify compliance with training objectives, equivalences in terms of topics and credits
- approve the study plan proposed by the students (via OLA the platform)
- evaluate requests for LA change and extension
- Finalize the procedure by validating courses

Before writing, always check:
- the FAQs
- the Call
- the School regulation
Check the FAQ first!

Can I see how many preferences a given university received last year?

You can find this information when you complete your application on the Online Services. If the number is ‘0’, this may be a new agreement, or it may indicate that no preference was expressed in the previous year.

Is there a minimum number of credits to be obtained abroad?

Recognition of mobility is not usually subject to a minimum number of credits. Check the Regulation of your Study Programme and the websites of the host universities for specific information.

Can I join the mobility programme if I enrol in a different Study Programme after applying/being selected?

It’s possible, but it’s not guaranteed. It will be necessary to verify that the exchange agreement with the partner university is available also for the new Study Programmes. If this is not the case, you will have to cancel the mobility.

Where can I find information about the exams approved in the previous years?

You can find this information on the Online Services, in the International Mobility section > Course archive validated within international exchange Programmes. Apply a filter to the School and to the exchange.