Mobility Academic Year 22-23

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Vice-dean for International Relations

17-11-2021
Motivation

• Acquire new knowledge
• Improve your CV
• Improve competencies in a third language
• Get to know other cultures, lifestyles and people
• Gain personal experience
• Gain working experience or well-valued experiences at work
• ...

Motivation
Motivation

- Latin America
- Asia
- Mediterranean Europe
- Northern Europe
- Central Europe
- North America

https://www.fib.upc.edu/en/mobility/outgoing
• GEI GCED MEI MIRI MAI (MDS)

• Some mobilites (double degrees) are specific for every degree.

• All the compulsory subjects must be passed before leaving

• It is NOT allowed to take distance subject while taking a mobility programme.

• Some agreements require minimum grades, good academic performance.
• **Double degrees:** Subject plan to course at home and receiving institution. Could be paid at receiving institution

• **Academic stays:** Technical subjects can be taken, not necessarily similar to the ones in FIB. They are arranged in a LEARNING AGREEMENT with the faculty before leaving.

• Credits must be paid and enrolled at FIB.

• Limits (including TFG/TFM)

<table>
<thead>
<tr>
<th>Degrees</th>
<th>ECTS</th>
<th>Year</th>
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</thead>
<tbody>
<tr>
<td>Masters 120 ECTS</td>
<td>60</td>
<td>2nd</td>
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<tr>
<td>Masters 90 ECTS</td>
<td>30</td>
<td>2nd</td>
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</tbody>
</table>
Recognition

• YES
  • Elective credits
  • Specialization Complementary credits
  • TFG-TFM
  • Internships
  • **GEI-GCED:** Until 3 ECTS for each mobility semester and depending on the academic performance

• NO
  • Subjects already cours ed in FIB
  • Language and cultural courses
  • Subjects that do not appear in the LEARNING AGREEMENT
Procedure

https://www.fib.upc.edu/en/mobility

News Channel
Procedure

Mobility Calendar

Outgoing
Temporary plan

Open: Vulcanus

Soon: USA

February: Erasmus and others

https://www.fib.upc.edu/en/mobility/outgoing/mobility-calendar
Choose destination

https://www.fib.upc.edu/en/mobility/international-partnerships/partner-universities
ACADEMIC STAY: DOUBLE DEGREE

ACADEMIC STAY: EXCHANGE

INTERNSHIPS

GRANTS

... AND MORE
ACADEMIC STAY: DOUBLE DEGREE

- MEI-MAI
  ESCUELA DE POSGRADO. PONTIFICIA UNIVERSIDAD CATÓLICA DEL PERÚ

- MIRI
  POLITECNICO DI TORINO
ACADEMIC STAY: DOUBLE DEGREE

2 semesters at PUCP (24 cr = 60 ECTS)

Master in Informatics Engineering, mention in Computer Science (PUCP) + Master MEI or MAI (FIB)

All of compulsory credits must be approved.

Payment at PUCP

https://www.fib.upc.edu/en/mobility/double-degrees/escuela-de-posgrado-de-la-pontificia-universidad-catolica-de-peru-pucp
Without specialization or High Performance Computing

2 semesters at PoliTo (60 ECTS)

Master of Science Degree in Computer Engineering (PoliTo) + Master MIRI (FIB)

60 ECTS must be passed.

Payment at FIB

## ACADEMIC STAY: EXCHANGE

<table>
<thead>
<tr>
<th>Region</th>
<th>Programs</th>
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<tbody>
<tr>
<td><strong>USA + Canada</strong></td>
<td>- Exchange</td>
</tr>
<tr>
<td></td>
<td>- California-Catalonia Programme</td>
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<tr>
<td></td>
<td>- Europe-Colorado Programme</td>
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<td></td>
<td>- GaTech</td>
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<tr>
<td><strong>Latin America</strong></td>
<td>- CINDA network</td>
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<tr>
<td></td>
<td>- Exchange</td>
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<tr>
<td><strong>Spain</strong></td>
<td>- SICUE Programme</td>
</tr>
<tr>
<td><strong>Japan</strong></td>
<td>- NII Programme (research)</td>
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<tr>
<td><strong>Europe</strong></td>
<td>- Erasmus+ KA 103 Programme</td>
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<tr>
<td></td>
<td>- Switzerland</td>
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<td></td>
<td>- UNITECH Programme</td>
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<tr>
<td><strong>Asiatic countries</strong></td>
<td>- Exchange</td>
</tr>
<tr>
<td><strong>Russia</strong></td>
<td>- Exchange</td>
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</tbody>
</table>

[https://www.fib.upc.edu/ca/mobilitat/aliances-internacionales/universitats-partner](https://www.fib.upc.edu/ca/mobilitat/aliances-internacionales/universitats-partner)
Choosing correctly demands a lot of time and an exhaustive research:
- Visit the websites of the universities ('search: incoming or exchange students').
- Look for an appropriate studies curriculum.
- Subjects taught in English.
- Required Language Certificate.
- How to apply? (Required documentation, deadlines ...)
**ACADEMIC STAY: CANADA**

- **Université du Québec, École de Technologie Supérieure** (Québec, Canada, QS Global World Ranking, #561-570)
  - For Bachelor and master students.
  - One semester or the whole year.
  - Good academic performance required (La moyenne mininale exigée est de 2.5/4 (GPA) ≥ 7.0).
  - B2 in French level is recommended

- **Polytechnique Montréal** (Montréal, Québec, Canada, #32)
  - For Bachelor and master students.
  - One semester or the whole year.
  - Good academic performance required (La moyenne mininale exigée est de 2.5/4 (GPA) ≥ 7.0).
  - Course taught in French (B2 level is recommended)
  - There is an option in English (cluster) but only 5 places for the whole UPC. Only fall semester.
Programes becats a EUA

Georgia Institute of Technology, University of Colorado Boulder i la University of California (California Irvine), ofereix beques als estudiants de grau i màster per fer estades de recerca (únicament TFG/TFM). L'estada és de 4 a 6 mesos.

**Obert a les següents titulacions:**
- Grau en Ciència i Enginyeria de Dades
- Grau en Enginyeria Informàtica
- Master en Ciberseguretat
- Master en Ciència de Dades
- Màster en Enginyeria Informàtica
- Màster en Innovació i Recerca en Informàtica
- Màster en Intelligència Artificial

**Té ajut econòmic:**
- Sí
ACADEMIC STAY: USA
Europe-Colorado Program

University of Colorado Boulder

- University of Colorado Boulder (QS Global World Ranking #206).
  - **Mobility Program** For Bachelor/master thesis (about 5 months).
    - Good academic performance required (*The student must be in the top 10-20% of their class*).
    - Stay in a research laboratory.
    - Financial support: about $1,100 month.
    - *The student must be studying engineering or computer science at an European university and have English proficiency sufficient for an academic setting.*
    - Show interest in doing a master's degree and / or a PhD.

https://www.colorado.edu/engineering-international/europe-colorado-program
Georgia Institute of Technology, Atlanta (QS Global World Ranking #80)
- Master students (2 places).
- Paid stay in a laboratory / research group of the College of Computer Sciences.
- To do the TFM, 1 semester.
- TOEFL (79 IBT, 550 PBT).
- Good academic record.
ACADEMIC STAY: UNITECH

UNITECH

The UNITECH mobility programme is designed for high-achieving engineering students who also have the ability to lead, be proactive, communicate effectively, work in a team and other cross-disciplinary competencies. The programme is carried out within the framework of the UNITECH network.

Opened in the following degrees:
- Bachelor Degree in Data Science and Engineering
- Bachelor Degree in Informatics Engineering
- Master in Artificial Intelligence
- Master in Informatics Engineering
- Master in Innovation and Research in Informatics

Has scholarship:
- Yes

- Exclusive programme for institutions associated to the UNITECH network. High prestige in Europe → Very competitive.
- The student does an academic stay with recognition of credits, and an internship.
- Duration: 1 year at the least.
- Requirements
  - Bachelor student (4th year) or MEI and MIRI student (2nd year)
  - Good academic performance.
  - Good English level (certificate) and a leadership profile, pro activity...

https://www.upc.edu/sri/en/students/students-mobility-office/unitech/outgoings/unitech-outgoing
ACADEMIC STAY: EXCHANGE

CINDA Network
Master and Bachelor Degree

Latin America
Both UPC and FIB have signed different agreements with universities in Latin America (see the list of partner universities at the bottom). In addition, the UPC is part of the CINDA network (Centro Interuniversitario de Desarrollo), which enables to extend the range of possibilities to do a mobility in a country in Latin America.

Opened in the following degrees:
- Bachelor Degree in Data Science and Engineering
- Bachelor Degree in Informatics Engineering
- Master in Artificial Intelligence
- Master in Informatics Engineering
- Master in Innovation and Research in Informatics

Has scholarship:
- Yes

National Institute of Informatics (NII) Tokyo

Short stay, between 2 and 6 months, starting between June and March with the aim to do a research stay on diverse topics. There are usually two calls per academic year: first at about March-April and the second one around September-October.

Opened in the following degrees:
- Master in Artificial Intelligence
- Master in Informatics Engineering
- Master in Innovation and Research in Informatics

Has scholarship:
- Yes

SICUE
The "Sistema de Intercambio entre Centros Universitarios Españoles", SICUE, is a mobility program at a Spanish national level. You can enrol elective courses.

Opened in the following degrees:
- Bachelor Degree in Data Science and Engineering
- Bachelor Degree in Informatics Engineering

Has scholarship:
- No

Elective Courses
Bachelor Degree

China

Russia
Studies and internships

New agreements: offer update

- Duration of the stay:
  - **Studies**: 3 to 12 months for each formative stage (Bachelor, Master, Doctorate).
  - **Internship**: 2 to 12 months, for each stage as well.
  - In total, maximum of 12 months per stage.

- Be careful with:
  - **Academic calendar**: FIB exams might overlap with the beginning of the course (specially in the second semester).
  - **Language Certificate** required by the host university.
  - **Minimum of enrolled credits** ECTS fixed by the host university.
Vulcanus

The Vulcanus in Japan programme offers industrial placements in companies located in Japan to students of some European universities. Participants will have the opportunity to learn the advanced technologies used by Japanese companies, as well as their awareness of Japanese culture and knowledge of their language.

Opened in the following degrees:
- Bachelor Degree in Data Science and Engineering
- Bachelor Degree in Informatics Engineering
- Master in Artificial Intelligence
- Master in Informatics Engineering
- Master in Innovation and Research in Informatics

Has scholarship: Yes

Stay September - August
4th Bachelor course or Master
1.900.000 yen + accommodation

Open until
📅 Tuesday 11 January 2022
Internship abroad

If you want an international professional experience, check the websites and resources we can provide to find work abroad.

Where can I find internships abroad?

Interships offers with ever-open call

- AIESEC
- IAESTE
- Erasmus+
- Entrypark

More information about internships abroad in the International Relations Bureau of the UPCT's website.

If you find a company to do an internship, you have to get in touch with the International Relations Area of the FIB by sending an e-mail to rel.int@fib.upc.edu to manage your mobility.

Internship offers in academic institutions

- Georgia Institute of Technology - United States
- École Polytechnique Fédérale de Lausanne - Switzerland
- Haute École d'Ingénierie et de Gestion du Canton de Vaud - Switzerland
- Eidgenössische Technische Hochschule Zürich - Switzerland
- Grenoble Institute of Technology - France
- Innopolis University - Russia
- Aalto University - Finland

How to proceed once you have found it
Curricular internships with academic recognition:

- Sign a Traineeship agreement (student, company, FIB) + insurance.
- Usual Traineeship agreement content:
  - Amount of hours/workday:
    - Each degree has its own regulations.
    - [GEI] Bachelor thesis (18 ECTS credits): minimum 375 hours (+ GEP).
    - [GEI] Bachelor thesis + Internship (30 ECTS credits): minimum 735 hours.
    - [GCED] Internship (12 ECTS credits): about 360 hours.
    - [GCED] Bachelor thesis (18 ECTS credits): minimum 540 hours.
    - 30 ECTS credits Master thesis: minimum 735 hours.
    - 18 ECTS credits Master thesis: minimum 430 hours.
  - Supervisor (if applicable), work to carry out (TFG/TFM), salary, ....

- The whole administrative process must be done at the FIB:
  - Internships linked to [TFG / TFM]
    - Tutor, registration, enrolment (modality D),
    - Specific procedures by degree:
      - [GEI] GEP course
      - [GCED] achieve milestones
      - Defense at FIB (keep in mind the defenses calendar).
  - Internships NOT linked to [TFG / TFM]
    - [GCED] Registration
NOT CURRICULAR INTERNSHIPS

Internship WITHOUT academic recognition:

- Sign a **Traineeship agreement** (student, company, FIB) + insurance.
- During the stay, the enrolment only includes fee payment.

BOTH MODALITIES

- Economic support
  - Company’s salary.
  - Possibility to ask for an Erasmus+ grant for internships if it is in an European country.
- The offers will be published in FIB’s website, in the Labour Exchange ...
- Looking for a Company by yourself is highly recommended.
GRANTS

https://www.upc.edu/sga/ca/Beques/BequesMobilitat
**Beques Mobilitat**

<table>
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<tr>
<th>Erasmus Estudis països UE 2021/22</th>
<th>Santander Erasmus 2022/23</th>
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<tr>
<td>Erasmus Pràctiques països UE 2020/21</td>
<td>Santander Erasmus 2021/22</td>
</tr>
<tr>
<td>Erasmus+ resta de països - Xile</td>
<td>Swiss-European Mobility Programme</td>
</tr>
<tr>
<td>Erasmus+ resta de països - Mèxic</td>
<td>Préstecs UPC Alumni</td>
</tr>
</tbody>
</table>

1/11/2021 from 15/03/2022
Acreditar que s'ha obtingut plaça en un programa de mobilitat internacional.

Tenir 60 crèdits aprovats.

Tenir una nota mitjana mínima de 5,70 per a la branca de coneixement d'enginyeria i arquitectura o 6,30 per a la resta de branques de coneixement.

Acreditar un nivell B2 d'una tercera llengua del sistema educatiu de Catalunya.

https://agaur.gencat.cat/ca/beques-i-ajuts/convocatories-per-temes/Ajuts-a-la-mobilitat-internacional-de-lestudiantat-de-les-universitats-catalanes-per-al-curs-academic-2021-2022-MOBINTMIF-2021
CERN (Conseil Européen pour le Recherche Nucléaire)

The CERN, Conseil européen pour la recherche nucléaire, offers, in different programmes, the possibility of working or carrying out the PhD.

Opened in the following degrees:
Bachelor Degree in Data Science and Engineering
Bachelor Degree in Informatics Engineering
Master in Artificial Intelligence
Master in Informatics Engineering
Master in Innovation and Research in Informatics

Has scholarship:
Yes

Summer Schools
Summer courses of Georgia Tech at FIB

• From 17/05 to 29/07

• GEI-GCED Every passed course is worth a elective subject (6 ECTS).

• English lectures with GaTECH students.
Language and terminology service, SLT-UPC (FIB mobility news)

- MOU-TE. Course to culturally prepare you before doing a stay.
  - Achievement certificate
  - [https://www.upc.edu/slt/ca/cursos/mou-te](https://www.upc.edu/slt/ca/cursos/mou-te)

- ENGLISH SPEAKING COURSE (B2 LEVEL). Course to help you with your “speaking” skills with an English coach.
  - 1 ECTS credit
  - [https://www.upc.edu/slt/ca/cursos/practica-oral-anglesB2](https://www.upc.edu/slt/ca/cursos/practica-oral-anglesB2)
LET’S GET STARTED...
USA (academic stay, internships)

- Request a place for your place via e-mail at fib.rel.int@upc.edu
- Check the requirements of the university.
- Ask for a prioritized place (max 3).
- English certificate: end of January.
- Plan the calendar synchronization.
LET’S GET STARTED...

Erasmus+ KA103, Latin America, Canada, India, Taiwan, Russia, China, ... + double degrees

- What do I want to do?
- When do I want to leave? When can I leave?
- Available grants.
PROCEDURE

1. Check the partner universities list and identify which ones you have interest in (FIB website).
   - Language requirements, subjects offer, deadlines, academic calendar, accommodation, procedures...

2. Choose up to 10 options (e-Secretaria).
   - In observaciones you will find relevant information, in case there is: possibility to carry out the bachelor’s/master’s thesis, language certificate demand...
3. You will be assigned (or not) one of the options, it will depend on:
   a. Position in the list of applicants (transcript grade weighted with the average grade of your degree, rate of return- α).
   b. The assignation of those before you.
   c. The personal list of requests.

4. You will be informed about the decision and you must quickly accept or decline your place via e-Secretaria.
5. Once you accept your place, the adventure shall begin:
   a) Check FIB website: https://www.fib.upc.edu/en/mobility/outgoing/study-abroad/you-leave
   b) Follow the host university’s procedures. Be quite careful with the deadlines.
   c) Read the e-mails you receive from fib.rel.int@upc.edu !!!
   d) Request for the grants, whenever it is time for it.
   e) Hand in all the required documents in the e-secretaria.
INTERNATIONAL RELATIONS
FIB
https://www.fib.upc.edu/en/appointments

Mobility

- Where: Academic offices board (ground floor, building BE)
- When (30-minute intervals):
  - Tuesday, Wednesday and Friday from 10 am to 1 pm
  - Wednesday, from 3:30 pm to 5 pm
- Email support: rel.int@fib.upc.edu

⚠️ Appointments without a reason specified in the description will be cancelled.

Make your appointment

CAROLINA MARTIN
fib.rel.int@upc.edu

ESTEVE TORRENS
fib.becari.internacionales@upc.edu
Anna Rio
Vice-dean for International Relations

vd.internacionals.fib@upc.edu
CHEER YOURSELF UP!