Mobility Academic Year 2023/24

Anna Rio
Vice-dean for International Relations

16-11-2022
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
- ...

Why
Motivation

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

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

• GEI GCED MEI MIRI MAI (MDS)

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

• All the compulsory subjects must be passed before leaving (except TAED2 for GCED and mobility Q1)

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

• Some agreements require minimum grades, good academic performance.
Requirements

• **Double degrees:** Subject plan to course at home and receiving. Could be paid at receiving institution.

• **Internship stays:** TRAINSHIP AGREEMENT

• **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)
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 courséd in FIB
  - Language and cultural courses
  - Subjects that do not appear in the LEARNING AGREEMENT
MOVING

Knowing a new university, discovering a new country or improving your language skills are some of the advantages of the mobility programs offered by FIB.

Personal experiences that will allow you to stay in foreign universities and intern at businesses worldwide.

https://www.fib.upc.edu/en/mobility
The Facultat d'Informàtica de Barcelona has established several agreements with universities and institutions from all around the globe. They allow students to study at a foreign university, do their degree's final thesis or carry out a double degree.

**Study abroad**
There are several mobility programs such as Erasmus, SKUE, Latin America, Vulcanus... Check everything you need to know to study in another university.

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

**Double degrees**
Once all the requirements of the agreement are reached, you will obtain the corresponding titles at FIB and at a university abroad. Check which double-degrees we have at FIB.

**Other activities abroad**
Summer schools, short stays...

**Mobility calendar**
Open international mobility calls for FIB students.

**Information sessions**
Informative talks about the options, requirements and procedures in mobility.

**Mobility experiences**
Check the experiences of previous mobility students.

**Upcoming International Mobility Calls for FIB's students**

- **Vulcanus programme**
  - Date: 04 Nov 22 - 13 Jan 23

- **Place application for foreign universities**: Erasmus, Latin America, Russia, Taiwan, China and double degrees
  - Date: 18 Feb 23 - 02 Mar 23

Show all mobility calls
# Temporary plan

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<th>Course</th>
<th>September</th>
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(※) Non-regular and / or specific calls.

- Open: Vulcanus
- Soon: USA
- February: Erasmus and others

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 DE TORINO
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
ACADEMIC STAY: DOUBLE Degree

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: DOUBLE DEGREE

- MIRI Euro Master for HPC
- ISIMA - MEI
- ISIS - MDS
- Padova - MDS

The specialised course in "Informatics for healthcare," over 3 years, leads to the nationally recognised diploma of engineer. It can be attained through either initial education or as an apprenticeship.
ACADEMIC STAY: **EXCHANGE**

- **USA + Canada**
  - Exchange
  - California-Catalonia Programme
  - Europe-Colorado Programme
  - GaTech

- **Latin America**
  - CINDA network
  - Exchange

- **Spain**
  - SICUE Programme

- **Japan**
  - NII Programme (research)

- **Europe**
  - Erasmus+ Programme
  - Switzerland
  - UNITECH Programme

- **Asiatic countries**
  - Exchange

- **Russia**
  - Exchange

[https://www.fib.upc.edu/ca/mobilitat/aliances-internacionals/universitats-partner](https://www.fib.upc.edu/ca/mobilitat/aliances-internacionals/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: EXCHANGE

Technische Universität München

University: Technische Universität München
Center: Fakultat fur informatik - Department of Informatics
Country: Germany
Web: https://www.international.tum.de/en/exchangestudents/general-information-for-international-students/

PDF FactSheet with information
**ACADEMIC STAY: EXCHANGE**

**Latin America**
- Both UPC and UB 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

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**CINDA Network**
- Master and Bachelor Degree

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**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

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**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

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**Elective Courses**
- Bachelor Degree

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**China**

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**Russia**

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...
Programa de Intercambio Universitario

Quiénes pueden participar

Estudiantes de pre y posgrado pertenecientes a alguna de las universidades de la red Cinda que hayan sido seleccionados por su universidad para postular a alguno de los programas o actividades ofrecidos por el PIU.

Docentes, investigadores y gestores pertenecientes a alguna de las universidades de la red CINDA que cuenten con el respaldo de su universidad para postular y que cumplan con los requisitos específicos del intercambio al que postulan.

Toda universidad de la red Cinda que tenga oferta de intercambios en sus diferentes modalidades pueden participar del PIU. Las universidades que en la actualidad tienen programas disponibles son las siguientes.

Cómo postular

Si eres estudiante, académico o gestor de alguna de las universidades miembros de CINDA puedes vivir la experiencia del intercambio universitario ofrecido por el PIU.

Debes seguir los pasos a continuación:

1. Revisa los programas, cursos, pasantías y otras actividades ofrecidas dentro del sitio y la información detallada sobre requisitos, plazos de postulación e inicio del intercambio.
2. Una vez que identifiques el programa o actividad de tu interés, ponte en contacto con el Coordinador PIU de tu Universidad, para gestionar tu postulación.

Revisa la oferta de intercambios 2022

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<tr>
<th>Tipo de intercambio</th>
<th>Ctd. de programas</th>
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<tr>
<td>Presencial</td>
<td>943</td>
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<tr>
<td>Virtual</td>
<td>34</td>
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https://piucinda.cl/
ACADEMIC STAY: EXCHANGE

- Consider stepping out of your **comfort zone**...

- More "exotic" destinations ...

- Why not Brazil? The University of Sao Paulo? Check out their ranking...

- Panama, Chile, Argentina...

- Canada, Montreal? French? There are also programs in english...

- Germany =TUM? No, there are very interesting alternatives... KIT in Karlsruhe...

- Why not a prestigious École Centrale of France?

- Many more examples...
Date: 18 November 2022
Hour: 9 am
Place: Sala d'Actes Manuel Martí Recober (B6 building, ground floor)

Representatives of the Groupe des Écoles Centrales of France will give an information session in which they will present their schools and the studies they offer to students interested in a mobility stay.
- 1st region in France for Industrial Investments
- 2nd region in France for Foreign Investments
- 5 Centres of Excellence & Innovation
- EuraTechnologies: 1st Start-Up Incubator in France, 3rd in Europe
- Major actors of French Research & Innovation: Institut Pasteur, CNRS, ONERA, INRIA, INRA, Ifremer...
• We are in negotiations with other universities in Korea, Taiwan, Malaysia...
• But maybe they are not yet this February...
• This year 22-23 the available places in Incheon, Korea have been filled
• ... In February more info...
USA grant programs

Georgia Institute of Technology, University of Colorado (Colorado Boulder) and the University of California (California Irvine) offers grants for bachelor’s or master’s degree students to do research stays (only the final thesis). The stays are 4 to 6 months long.

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

Has scholarship:
Yes
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**ACADEMIC STAY: USA**

**Europe-Colorado Program**

- **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.

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[https://www.colorado.edu/engineering-international/europe-colorado-program](https://www.colorado.edu/engineering-international/europe-colorado-program)
Europe-Colorado and Balsells Programs

Professor Robert Davis

https://youtu.be/l1vloIJnhcY
If you want to carry out your Bachelor or Master Thesis at the University of Colorado Boulder, you may attend the presentation session of the Mobility Projects and Graduate Study in Engineering in partnership with the Balsells Program for the 2022-2023 academic year.

**Date:** 23 November 2022

**Time:** 12 pm

**Place:** Sala d'Actes, C2 building, ETSECCPB, Campus Nord UPC
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
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

📅 Friday 13 January 2023
Mobility-Outgoing

Internship abroad

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

How to proceed once you have found it

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 UPC’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 email to rel.int@fib.upc.edu to manage your mobility.

Internship offers in academic institutions

- Georgia Institute of Technology - United States
- École Polytechnique Fédéral 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
GRANTS

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

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<th>Modalitat</th>
<th>Quan comença la teva estada</th>
<th>Quan finalitza la teva estada</th>
<th>Convocatòria beca Erasmus</th>
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<tr>
<td>+ Info Beques Estudi</td>
<td>Erasmus Estudis Estats membres i associats 2022-23</td>
<td>A partir de l' 01/06/2022</td>
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Beca Erasmus Santander 2023/2024

2/11/2022 a 14/03/2023
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.

CERN (Conseil Européen pour le Recherche Nucléaire)

The CERN, Conseil européenne 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
https://www.upc.edu/sri/ca/mobilitat
Summer courses of Georgia Tech at FIB

- From 17/05 to 29/07
- GEI-GCED: Every passed course is worth an elective subject (6 ECTS).
- English lectures with GaTECH students.
Language and Terminology Service

SALSA'M, the UPC's buddy programme

Over 4,000 people have participated in the SALSA'M programme since 2015.

The SALSA'M mentoring programme connects local students with international students who are on an academic stay at the UPC.

The programme's activities include language exchange, cultural visits, guided tours, and academic support and induction activities.

The following schools participate in the programme: EEABB, EEBE, ETSAB, ETSETB, ETSECCPB, FIB, ESEIAAT, FOOT and EETAC.

International students wanted

Mentors wanted
3 ECTS credits

Coordinators wanted
6 ECTS credits

Facebook.com/salsam.upc Instagram.com/salsam.upc

Barcelona.cat - Ajuntament de Barcelona
Language and Terminology Service

Idiomes Unite!

University Network for Innovation, Technology and Engineering

El Servei de Llengües i Terminologia de la UPC forma part del grup de treball Multilingüisme i Multiculturalitat de l’Unite! Amb la resta d’universitats europees que participen a la xarxa, impulsem projectes per ajudar l’estudiantat a millorar la competència lingüística i intercultural.

Cursos virtuales d’idiomas i d’habilidades comunicativas
Oferim cursos virtuales per aprendre idiomas, desenvolupar habilidades comunicativas i assolir competències interculturals.

Tàn dems lingüístics Unite! a la UPC
Organitzen un programa de tÀndems lingüistics que connecta l’estudiantat de la UPC amb l’estudiantat d’altres universitats Unite! per a un intercanvi de llengües.

Competència intercultural
Creem eines i recursos per augmentar la consciència de l’estudiantat sobre la importància del multilingüisme i la interculturalitat al món actual.

Totes aquestes activitats estan impulsades pel Centre de Multilingüisme i Multiculturalitat de Unite!, una col·laboració dels serveis lingüístics de les universitats participants.
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.

VULCANUS, UNITECH... Watch out for the calls
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.
https://www.fib.upc.edu/en/appointments

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Mobility (vice dean)
- Where: online via QMeet
- When:
  - Monday from 4:00 pm to 6:00 pm (20-minute intervals).
  - Wednesday from 12:00 pm to 2:00 pm (20-minute intervals)
- Email attention: vd.internacionals.fib@upc.edu

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

Make your appointment

https://www.fib.upc.edu/en/appointments
CHEER YOURSELF UP!
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.
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...
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 universitie’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.
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.