TelecosBCN at BARCELONATECH
Mobility Spring 2024

May 26th 2023
1. Welcome
2. Why doing International Mobility?
3. OK, yes, I want! → How do I do it?
4. Technical / Administrative aspects
5. Question time
Mobility’s aim

• “…to establish relations with universities of high prestige all over the world, so that our students can receive a relevant added value experience and we can offer them the opportunity of performing a mobility exchange at recognised institutions worldwide”
International Mobility is made by all of us
What do I need to perform a mobility exchange?

1. A goal / hope / motivation

Perform interesting projects on the international level, thanks to my previous knowledge
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<th>University of Southampton</th>
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What options do I have to do a mobility?
Ways to do a mobility

- At university (Courses & TFG/TFM)
  - 1 semester (optionally, 2 semesters)
  - Double degree (only for MET students)

- Internship (TFG/TFM)
  - USA program (through ETSETB's contacts)
  - Company (offers published on the ETSETB website)
  - Competitive scholarship (often worldwide calls)
  - LAB/institution (sought by the student)

- Mobility calls (mind the dates & procedure!)
  - Not tied to mobility calls (let us known ASAP)
Stay at a University
Find a destination

• What do I need to perform a mobility exchange?

2. **Agreement.** It is necessary that Barcelona Telecom School has established a student exchange agreement with foreign institution.
1. Go to the international section of the ETSETB’s website
2. Press the mobility destinations option
Find a destination

Explore destinations (you can choose up to 8)

**AMÉRICA (5)**

- **Argentina**: 1
- **Estats Units d'Amèrica**: 18
- **Perú**: 1
- **Veneçuela**: 1
- **Xile**: 1

**ÀSIA (2)**

- **Corea del Sud (República de Corea)**: 1
- **Xina**: 2

**EUROPA (24)**

- **Alemanya**: 18
- **Àustria**: 3
- **Bèlgica**: 6
- **Bulgària**: 2
- **Croàcia**: 1
- **Dinamarca**: 2
- **Eslovàquia**: 1
- **Eslovènia**: 2
- **Finlàndia**: 4
- **França**: 31
- **Grècia**: 6
- **Hongria**: 1
- **Irlàndia**: 3
- **Itàlia**: 18
- **Noruega**: 2
- **Països Baixos**: 1
- **Polònia**: 9
- **Portugal**: 5
- **República Txeca**: 3
- **Romania**: 2
- **Suïssa**: 4
- **Suècia**: 7

**Exception! We’ll talk about this later**
Language requirements

• What do I need to perform a mobility exchange?

3. Language skills
• English is a must: usually B2 or TOEFL
• Sometimes the local language is required

<table>
<thead>
<tr>
<th>Language of instruction 1</th>
<th>Language of instruction 2</th>
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<tbody>
<tr>
<td>Swedish</td>
<td>English</td>
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<tr>
<td>Level: B2</td>
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Requeriments adicionals:

https://www.kth.se/en/studies/exchange/courses The main language of instruction on Bachelor's level (year 1-3) is Swedish, the main language of instruction on Master's level (year 4-5) is English.
What do I need to perform a mobility exchange?

4. **A position** in the exchange agreement for next academic year 2023-2024 (spring only!)

What do I have to do next?

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**Student**

- Apply for a position
  - 19/06/23 - 31/07/23

**ETSETB**

- Resolution
  - 19/09/23

- Sort student applications according to:
  - Average qualification of 1A to 3A (Bs) or 1A (Ms)
  - Performance parameter (Alfa)
  - First "feasible" destination is assigned
    - Vacancies are still available
    - Academic constraints are passed

**Student**

- Accept or Reject
  - 26/09/23

**ETSETB**

- Nomination
  - 27/09/23…

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https://telecos.upc.edu/ca/international/studying-abroad/procediment/abans-de-marxar-estades-destudis
What do I need to perform a mobility exchange?

- Nomination (ETSETB)
- Application + Documentation (Student)
- TFG/TFM, Find a project (Student)

- Watch out for the deadlines!
- Check the observations field and the factsheet.
- Check the ETSETB contacts.
- Check the ETSETB’s co-tutor of previous TFG/TFM (warning: co-tutor is not supervisor).

ETSETB: check observations field and factsheet
Destination: explore the information published at its website

Always follow the institution guidelines
Avoid contacting teachers at the destination, unless explicitly indicated in the guidelines

https://telecos.upc.edu/ca/international/studying-abroad/procediment/abans-de-marxar-estades-destudis
Funding

• Funding is required
  • Family → Talk, save…
  • Grants/Scholarships?
    • Mobint Generalitat de Catalunya
    • Erasmus+
    • Santander Erasmus
    • ....
  • Check the a comprehensive list of scholarship programs at ETSETB website
USA Mobility
• Internships at top USA institutions (look at the Destins de Mobilitat section at the ETSETB intranet)
• Research oriented (no courses/subjects)
• Often involves longer mobility periods (~10 months)
• Presentation/tutorial session (conducted by Prof. Eduard Alarcon) - 12/07/23 (12:00h)
• Interview with Prof. Eduard Alarcon is mandatory. Otherwise, your application will be rejected - 13/07/23 (10:00h - 12:00h)
• Administrative process very difficult & High risk (Best effort from ETSETB)
Internship Mobility
Internship mobility

• Again, research oriented (no courses)

• Where to find?
  • **Option 1**: offered at some the destinations as a way to carry out the TFG/TFM
  • **Option 2**: projects offered by companies to ETSETB students (check company positions)
    • We update offers from companies as soon as we receive them
    • Application to up to 3 positions
    • Whatever the result, please give us feedback
Internship mobility

• Where to find?
  • **Option 3**: Competitive scholarship programs (check the a comprehensive list of scholarship programs at ETSETB website)
    • NII, VULCANO (Japan)
    • Balsells (USA)
    • ...
  • **Option 4**: free search
    • Contact professors at ETSETB
    • Contact professors at destination
      • Requires a lot of preparation in advance
      • Low percentage of success
Another Plan for Mobility

Double Degree
Double Degree Master

- Only for students of the Master's degree in Telecommunications Engineering?
- 1st year in ETSETB (60 ECTS)
- Remaining courses and TFM at destination

<table>
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<tr>
<td>Institut Superiéur de l'Aeronautique et de l'Espace (ISAE-SUPAERO)</td>
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<tr>
<td>Kungliga Tekniska Högskolan - Royal Institute of Technology (KTH)</td>
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<td>HEC Paris</td>
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<td>Technical University of Darmstadt</td>
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<tr>
<td>Pontificia Universidad Católica del Perú (PUCP)</td>
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<tr>
<td>Universidad Católica Andrés Bello (UCAB)</td>
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https://telecos.upc.edu/ca/international/studying-abroad/reunions-mobilitat
Important **Academic** issues to keep in mind
What to do in host institution **MET/MEE**

- **Master degrees**
  - **MET/MEE**
    - TFM 30 ECTS. 1 semester
    - TFM 1 year (USA or international company)
      - Consequence → Master lasts 2,5 years
      - 1st semester: Enroll Not Curricular Traineeship (only paying enrolment fees, not credits)
      - 2nd semester: Enroll TFM
What to do in host institution **MET/MEE**

- **Master degrees**
  - **Master MATT**
    - TFM 12 ECTS at UPC, but normally 30 ECTS at host university
  - **Master in Photonics**
    - TFM 16 ECTS at UPC, but normally 30 ECTS at host university
  - **Master in Engineering physics**
    - TFM 17 ECTS at UPC, but normally 30 ECTS at host university
What to do in host institution **MET/MEE**

- **Bachelor degrees**
  - **Bachelor's Degree in Physics Engineering (GEF)**
    - TFG 30 ECTS. 1 semester
  - **Bachelor's Degree in Data Science and Engineering (GCED)**
    - Mobility in 4B
      - Stay in university: TFG 18 ECTS + 12 ECTS elective subjects
      - Internship: TFG 18 ECTS + 12 ECTS curricular internship (if not “used” before)
    - Mobility in 4A
      - 30 ECTS subjects (discuss with Head of Studies)
What to do in host institution MET/MEE

- Bachelor degrees
  - Telecommunications Technologies and Services Engineering (GRETST)
    - TFG 18 ECTS + 1 or 2 common elective courses (if applies)
    - Extra requirements for applying to the mobility call
      - Have passed all the subjects of the first two years
      - 1st call (January):
        - Mobility in the fall semester: have passed 180 ECTS (less one subject)
        - Mobility in the spring semester: have passed 150 ECTS
What to do in host institution MET/MEE

• Bachelor degrees
  • Telecommunications Technologies and Services Engineering (GRETST)
    • Extra requirements for applying to the mobility call
      • 2nd call (July):
        • Mobility tied to the spring semester
        • Have passed 180 ECTS (less one subject)
    • Conditional assignment (only applies to 1st call)
      • In case you have passed between 138 and 149 ECTS
      • Only for mobilities in the spring semester
      • You need to have passed 180 ECTS (less one subject) after the spring semester
Application procedure

• If you have any questions:

1. Consult **Barcelona Telecom School website**
2. Consult **foreign university website**
3. Consult **professor in charge of destination**
4. Consult **Vice Dean of International Relations** (Building B3, North Campus, 2nd floor, Room 202b). Check slots at **ETSETB’s website**
5. Administrative questions at **Academic Office** (students.mobility.etsetb@upc.edu)
6. Questions about language requirements at destination university: email to **External Relations Area** (institutional.mobility.etsetb@upc.edu)
Thank you for listening. Any questions?