TelecomBCN at BARCELONATECH

Mobility: September 2020 / February 2021

October 23rd 2019
1. Welcome

2. Why doing International Mobility?

3. OK, yes, I want! → How do I do it?
   1. Plan A, plan B, plan C, plan D,…

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

(examples)
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<tr>
<th>No.</th>
<th>University Name</th>
<th>Type</th>
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<tbody>
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<td>University of Southampton</td>
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<td>Chalmers University of Technology</td>
<td>Profs contacts</td>
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<td>Polytechnic University of Catalonia</td>
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<td>Swiss Federal Institute of Technology Zurich</td>
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International Mobility

• What do I need to perform a mobility exchange?

I. A goal / hope / motivation

• Perform interesting projects on the international level, thanks to my previous knowledge
What do I need to perform a mobility exchange?

1. A goal / hope / motivation

Let’s talk about how to do it, PLANs:

A. Easiest
B. Medium
C. Difficult → Open Calls
D. Free Search
Plan A:

- What do I need to perform a mobility exchange?

2. It is necessary that Barcelona Telecom School has established a student exchange agreement with foreign institution.
Plan A:

- What do I need to perform a mobility exchange?

3. **LANGUAGES**

Usually B2 or TOEFL → English and/or local language

**IMPORTANT:** Incidences!
What do I need to perform a mobility exchange?

4. **A position** in the exchange agreement for next academic year 2020-2021.

- Prioritisation in case of high demanded destinations
- **Apply for 8 destinations** (at the most) (We recommend: Dream, but also be realistic) (cut-off marks from last years)
- Average qualification of 1A to 3A (Bach.) or 1A (Master) + Performance parameter (Alfa) + Assistance
Mobility Destinations
Plan A:

• What do I need to perform a mobility exchange?
  → 5. **Funding**
  • Family → Talk, save…
  • Grants/Scholarships? (*: previsions…)
    • Mobint Generalitat de Catalunya → May-Sep 2020
    • Erasmus+ → July-October 2020
Plan A:

- What do I need to perform a mobility exchange?
  \[\rightarrow 5. \text{Funding}\]
  - **Company**
    - Self financing
    - Erasmus+ Internships

(As we receive offers from companies, we will update our website: , and we inform you about that by mailing list “Futurs Estudiants Mobilitat”. Subscription: )
Plan A:

• What do I need to perform a mobility exchange? → 5. Funding
  • Company
    • Self financing
    • Erasmus+ Internships

• Application to up to 3 positions (Full informatiu outgoing Link)
• What do I need to perform a mobility exchange?

6. I already have the position (I applied for a grant/scholarship or soon I will apply for it)…

Now I need 1 specific project at destination.

Historical subjects/fields of final projects, by universities:

Or)

(Consult before choosing)
Plan A:

- What do I need to perform a mobility exchange?

6. I already have the position (I applied for a scholarship or soon I will apply for it)...

**Now I need 1 specific project at destination.**
Contact Professor at destination, etc.

Contact Professor at ETSETB — co-tutor**

I apply to host institution ()

- Think about what you can contribute.

**: Co-Tutor ≠ Responsible Professor
Plan B:

- Contact Professor ETSETB:
- Does she/he know any professors at host institution, in her/his study field, who can supervise your final project?
  - If there is already Agreement -> Apply as in case A & Erasmus+ Studies Grant
  - If there is no Agreement -> Ask for Acceptance Letter & Erasmus+ Internship Grant
Plan C:

- Competitive SCHOLARSHIP Programs:
  - SICUE (Spain)
  - AREAS (South-Eastern Asian countries)
  - NII, VULCANO (Japan)
  - Balsells (USA)
  - CERN …
- Information about these programs and more available grants/scholarships:
Plan D:

- Free research
  - Requires a lot of preparation in advance.
  - Low percentage of success (Don’t forget Plan A).

- Universities or companies which we do NOT have any agreements with.

- Please contact ETSETB for any required documents.

- Financing (Erasmus+ Internship in EU)

If you choose this option, please be proactive!
Summary:

• Academic field
  • Support for final thesis recognition at foreign University / Company / Research Centre.

• Administrative field
  • Difficulties because of insurances, funding, deadlines, etc.
Another Plan for Mobility

Doble Degree
### Double degree partners

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<tr>
<th>Institution</th>
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<tr>
<td>Illinois Institute of Technology (IIT)</td>
<td>(S)</td>
<td>(MET)</td>
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<tr>
<td>Institut Superiéur de l'Aeronautique et de l'Espace (ISAE-SUPAERO)</td>
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<td>(MET)</td>
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<tr>
<td>Kungliga Tekniska Högskolan - Royal Institute of Technology (KTH)</td>
<td>(S)</td>
<td>(MET)</td>
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<td>Politecnico di Milano (PM)</td>
<td>(S)</td>
<td>(MET)(MEE)</td>
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<td>Pontificia Universidad Católica del Perú (PUCP)</td>
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<td>IMT Atlantique- (AinP)</td>
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<td>(MET)</td>
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<tr>
<td>Instituto Superior Tecnico (IST)</td>
<td>(S)</td>
<td>(MET)</td>
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<tr>
<td>DD with HEC Paris - Under Discussion</td>
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<tr>
<td>DD with USA: UC Irvine, UC Colorado Springs and CU Boulder - with Balsells Graduate Fellowship</td>
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Illinois Institute of Technology (IIT) -(S) (MET)

- Master of Science in Electrical Engineering (32 c.h.)
- Master of Science in Computer Engineering (32 c.h.)
- Master of Biomedical Imaging & Signals (30 c.h.)
- Master of Network Engineering (30 c.h.)
- Master of Telecommunications & Software Engineering (30 c.h.)
- Master of Information Technology & Management (30 c.h.)
- Master of Cyber Forensics and Security (30 c.h.)
- Master of Information Technology and Management (30 c.h.)

Mobilitat: Presentació del programa de doble titulació de màster - Illinois Institute of Technology de Chicago: TO BE ANNOUNCED
• Important **Academic** Issues to keep in mind
• Master 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)
    ● 2\textsuperscript{nd} semester: Enroll TFM
• **Master MATT**
  - TFM 12 ECTS at UPC, but normally 30 ECTS at host university

• **Bachelor in Physics Engineering**
  - Bachelor Thesis (TFG) → 30 ECTS.

• **Master in Photonics**
  - TFM 16 ECTS at UPC, but normally 30 ECTS at host university
What to do in university GRETST

- Telecommunications Technologies and Services Engineering. Stay in university:

  - 18 ECTS TFG\(^1\) (if they are the last ones)
  - 18 ECTS TFG (if they are not the last ones) + 1 or 2 common elective courses\(^2\)
  - Optional 3 ECTS (univ. extension)

1 and 2 are in next page.
What to do in university GRETST

• **Telecommunications Technologies and Services Engineering. Stay in university:**

  1. **TFG.** Host university may not have a TFG. On 15th November the information about identified cases will be displayed at the Intranet offer. In these cases, you can ask about the possibility of doing an internship and defending at ETSETB (as when doing the TFG in a company). Then, you cannot do any course at host univ.

  2. **Elective courses at host university:**

    • In case of courses taught in English or if student knows local language
Useful information to keep in mind:

- Please consult carefully observations field ("Cal tenir en compte") at the Excel file, within the list of foreign universities, in order to know this kind of information.

- Students at “Professor Responsable / Ex-estudiant de contacte” in Excel file, can also provide a very useful feedback.
What to do in companies GRETST

- Bachelor Thesis (TFG) in International Company
  - TFG (18 ECTS) and/or Curricular Internship (12 ECTS)
  - Optional: 3 ECTS/Semester (Univ. Extension)
    (at most 6 ECTS Univ. Extension in total)
- In case of 1 year:
  - 1st semester: Enroll Curricular Internship (12 ECTS) or non-curricular internship (only paying enrollment fees, not credits)
  - 2nd semester: Enroll TFG (18 ECTS)
  - + Optional 3 ECTS/semester
• **Administrative** issues to keep in mind
  
  (and repetition of important dates and deadlines)
PROGRAM

Information for students about application and destinations – September 2019 / February 2020

Important information to keep in mind:

1. At most, you can perform a 12-months mobility, during the same studies cycle (bachelor or master).

1. It is necessary to discount time you spent in previous Erasmus programs, for the same studies cycle.

1. For Erasmus+ Studies Grant, it is necessary to enrol at least 20 ECTS by semester (12 if they are the last ones) and 40 ECTS by year (coursed at foreign university).

1. Erasmus+ students must do a language level test before and after mobility exchange. Also students will be able to do online language courses by a licence which will be delivered to grants beneficiaries in every university.

1. German Universities: In general you must have German language certification A2 at least, when you apply for a place.

1. SURVEYS are very important to improve service to students. For this reason, PLEASE FILL THEM IN AND RETURN THEM when you leave the room.
Mobility modalities

- Final thesis at universities
- Final thesis at companies and research centres
- More than 170 destinations at universities
- Last academic year more than 10 offered companies and more than 30 specific positions.
• Outgoing Information Document:

• Application at Barcelona Telecom School:
  • **COMPANIES:**
    • By email (to ), from November 19\textsuperscript{th} 2019, to January 17\textsuperscript{th} 2020.
    • Maximum 3 applications by person during this period.
    • You have to specify company and position requested, and prioritise in case of more than one option. It is also necessary to attach a curriculum in Europass format, and a motivation letter addressed to the company, both in English.
  • **UNIVERSITIES:**
    • By E-Secretaria, from December 10\textsuperscript{th} 2019 to January 31\textsuperscript{st} 2020.
    • Once applied, you can modify your application until January 31\textsuperscript{st} 2020 by E-Secretaria. You can apply for 8 destinations (at the most) with different priorities.
Application and resolution

- Acceptation or denegation of **positions at universities** will be done by E-Secretaria on **February 14th 2020**. **ONCE YOU HAVE BEEN GIVEN A POSITION YOU WILL HAVE TO ACCEPT OR REJECT IT**, until **February 21st 2020**.

- Right after ETSETB will nominate student to foreign university.

- **Note application deadline at host university: you have to apply on your own.** Please consult deadline at Foreign universities list (“Llistat Universitats estrangeres”).

- **Company positions**: we will nominate students as soon as we receive applications (at most 5 students by offer), in order to get feedback from the company as soon as possible. The company will decide which student will be finally chosen. Please contact in case you receive the company’s acceptation or rejection.
• **In May and December 2020** an information meeting will be offered to students who will perform a mobility next academic year 2020/2021, about administrative processing at our School.

• Information about scholarships and other resources:
• 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). Opening hours:
5. Administrative questions at **Academic Office**:
6. Questions about language requirements at destination university: email to External Relations Area ()
Thank you for listening. Any questions?