

Mobility 2024/2025



**UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH**

Campus d'Excel·lència Internacional

Move with us!





Information meeting

Oct 18th 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**”



Telecos-ETSETB in EU (Q1)

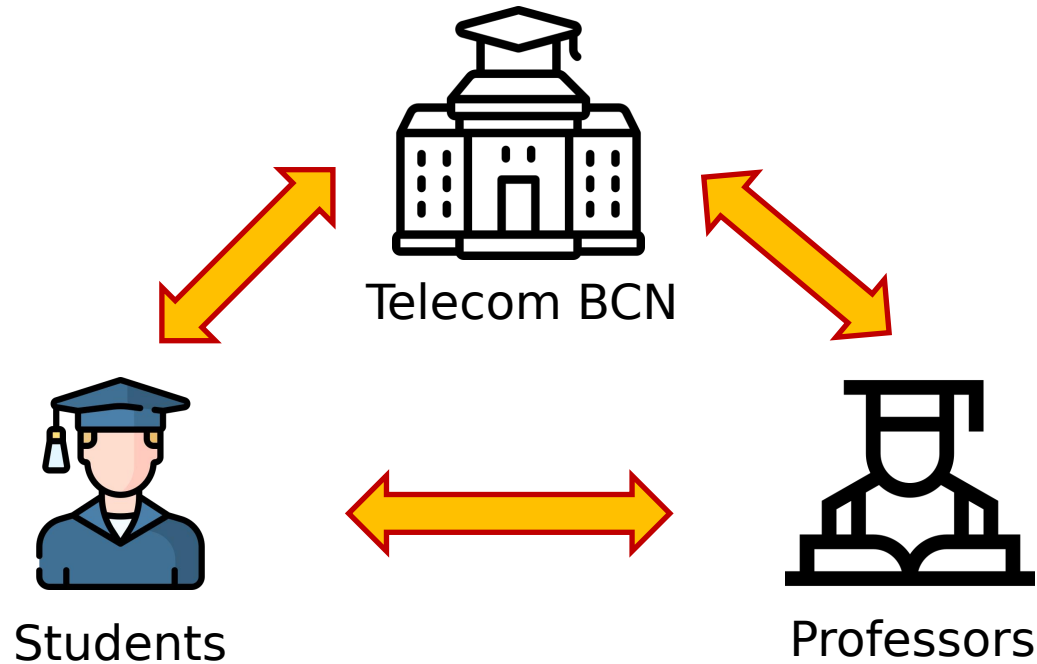
1	University of Southampton	
2	KTH Royal Institute of Technology	Agreement
3	Queen Mary University of London	
4	Aalto University	Agreement
5	Paris-Saclay University	Agreement
6	University of Surrey	
7	University College London	
8	University of Oulu	Agreement
9	Lancaster University	
10	Chalmers University of Technology	Profs contacts
11	The University of Manchester	
12	Queen's University Belfast	
13	Aalborg University	Agreement
14	The University of Edinburgh	
15	<i>Polytechnic University of Catalonia</i>	

Elect.Eng-ETSETB in EU (Q1)

1	Aalborg University	Agreement
2	Imperial College London	
3	KTH Royal Institute of Technology	Agreement
4	University of Southampton	
5	Paris-Saclay University	Agreement
6	Delft University of Technology	Agreement
7	The University of Manchester	
8	ETH Zurich	Agreement
9	Technical University of Munich	Agreement
10	<i>Polytechnic University of Catalonia</i>	
11	Swiss Federal Institute of Technology Lausanne	
12	Polytechnic University of Milan	Agreement
13	University College London	
14	Aalto University	Agreement
15	Technical University of Denmark	Agreement

International Mobility

International Mobility is
made by **all of us**



International Mobility

What do I need to perform a mobility exchange?

Key: A goal / hope / motivation

impossible



Perform interesting projects on the international level, thanks to my previous knowledge

What options do I have to do a mobility?

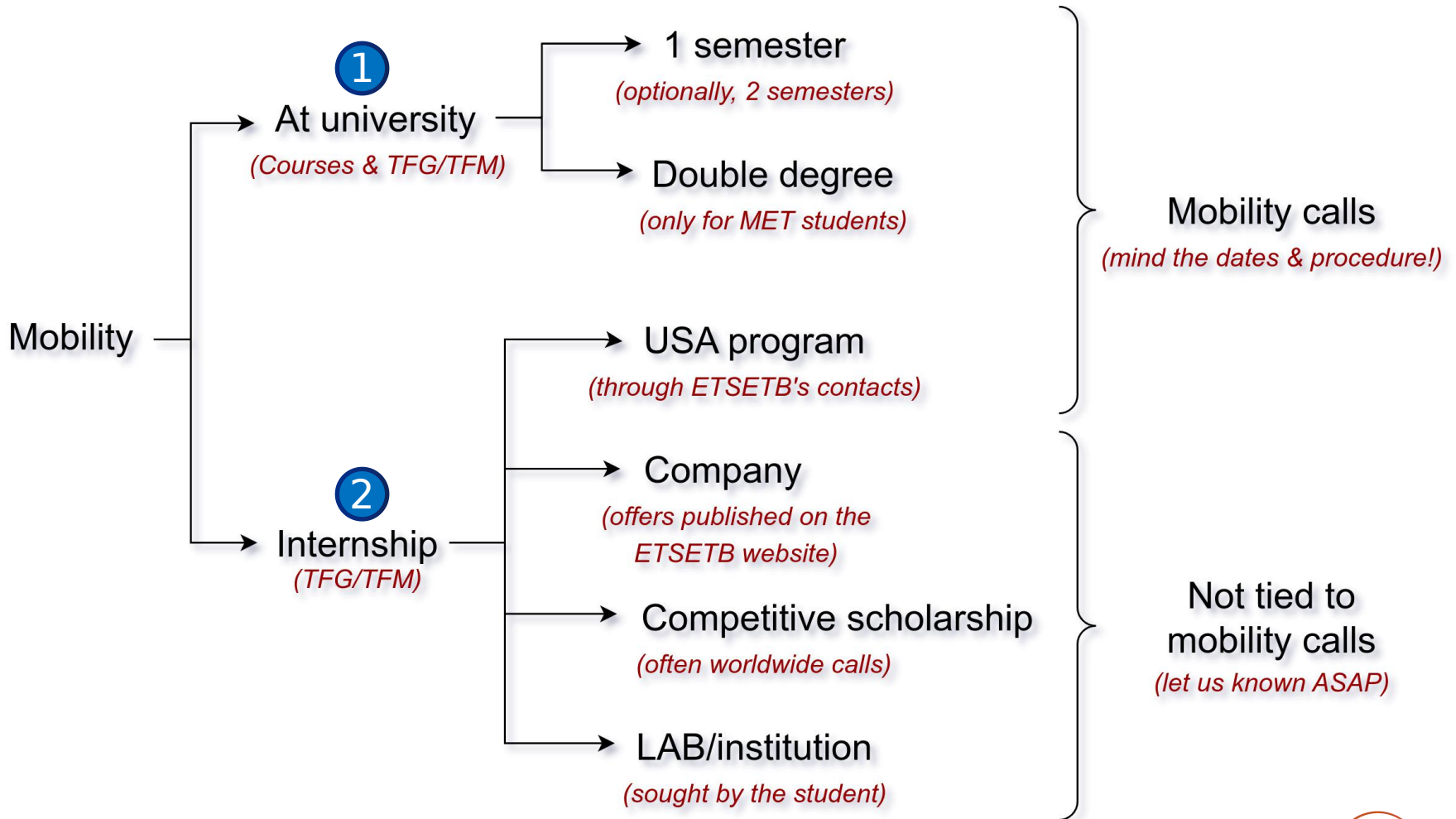


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Ways to do a mobility



1 Stay at a University



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Find a destination

What do I need to perform a mobility exchange?

- 1. Agreement.** It is necessary that Barcelona Telecom School has established a student **exchange agreement** with foreign institution.

Find a destination

- 1 Go to the international section of the ETSETB's website



Studying abroad

Estades a l'extranger per l'alumnat de l'ETSETB



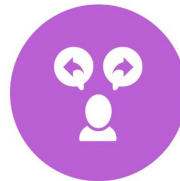
*Look for the option
studying abroad*



- 2 Press the mobility destinations option

Destins de Mobilitat

Oferta de destins de mobilitat internacional de l'ETSETB



Modalitats de mobilitat

TFG i TFM a empreses o a universitats estrangeres

Beques i Ajuts

Programa Erasmus+, Beques Santander, Programa Faro, Mobit AGAUR, Obra Social "La Caixa"




Idiomes

Certifica el teu nivell d'idiomes o accedeix a cursos i examens

Find a destination

MOBILITYDESTINATIONS

☒ Only current agreementsFilter by Thematic Filter by Modalities 

PROGRAM

- ☐ Degree program
- ☐ Master's program
- ☐ PhD Programs
- ☐ Double Degree

AREA

- ☐ ICT/TIC
- ☐ Eng. Physics/Photonics

MODALITY

- ☐ Bachelor's Thesis
- ☐ Master's Thesis

AMÈRICA (6)

Argentina 2

Estats Units d'Amèrica 18

Mèxic 1

Perú 1

Veneçuela 1

Xile 1

ÀSIA (4)

Índia 1

Corea del Sud (República de Corea) 1

Japó 1

Xina 2

EUROPA (25)

Alemanya 18

Àustria 3

Bèlgica 6

Bulgària 2

Croàcia 1

Dinamarca 2

Eslovàquia 1

Eslovènia 2

Finlàndia 4

França 33

Grècia 6

Hongria 1

Irlanda 3

Itàlia 19

Noruega 2

Països Baixos 1

Polònia 9

Portugal 5

Regne Unit 1

República Txeca 4

Romania 2

Suïssa 4

Suècia 7

Turquia 4

Xipre 1

Exception! We'll talk about this later

Explore destinations (you can choose up to 8)

Language requirements







What do I need to perform a mobility exchange?

2. Language skills

English is a must: usually B2 or TOEFL

Sometimes the local language is required

LANGUAGES

Language of instruction 1	Language of instruction 2
 Swedish	 English
 Level: B2	 Level: B2
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Requeriments addicionals:

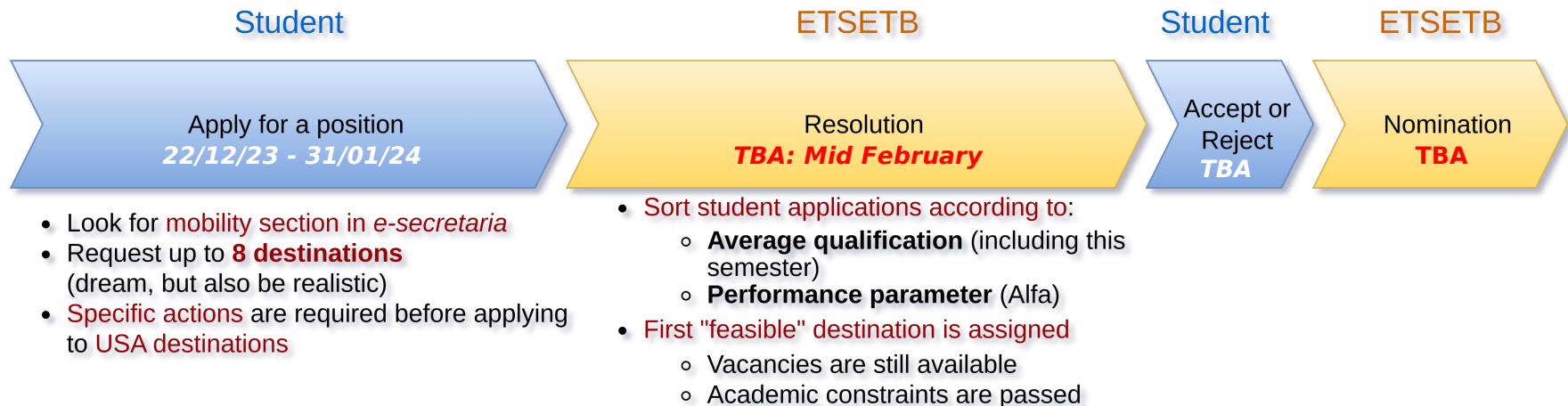
<https://www.kth.se/en/studies/exchange/courses> The main language of instruction on Bachelor's level (year 1-3) is Swedish, the main language of instruction on Master's level (year 4-5) is English.

Check the destination details!

Apply for a position

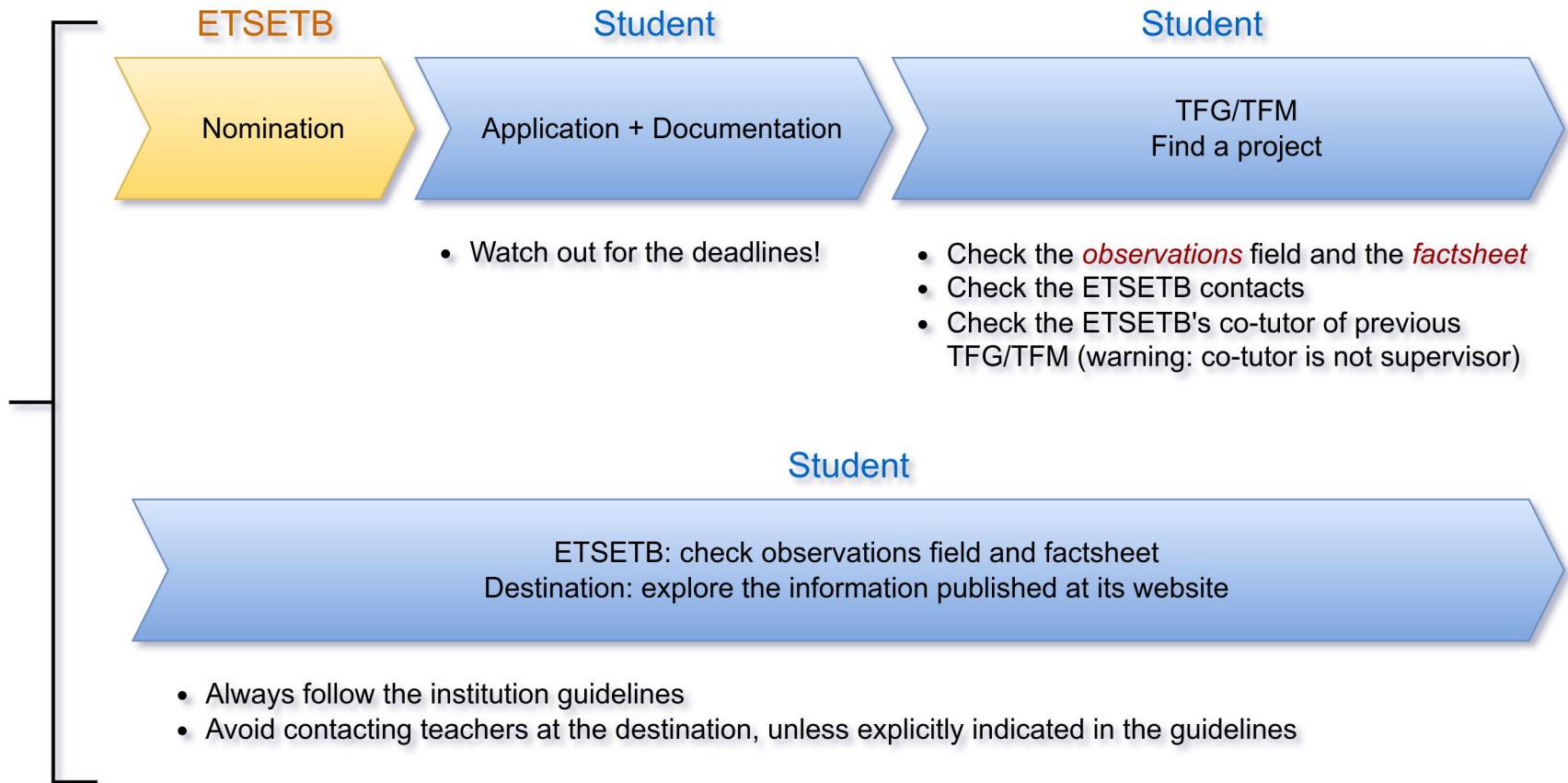
What do I need to perform a mobility exchange?

3. A position in the exchange agreement for next academic year 2024-2025



Apply for a position

What do I need to perform a mobility exchange?



What do I need to perform a mobility exchange?

4. 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



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USA Mobility

- Internships at top USA institutions (look at the [Destins de Mobilitat](#) section on the ETSETB intranet)
- **Research oriented** (no courses/subjects)
- Often involves longer mobility periods (~10 months) - *Exception: Balsells fellowship*
- Presentation/tutorial session (conducted by Prof. Eduard Alarcon) - [TBA](#)
- Interview with Prof. Eduard Alarcon is **mandatory**. Otherwise, your application will be rejected - [TBA](#)
- Administrative process very difficult & High risk (Best effort from ETSETB)

2 Internship Mobility



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Internship mobility

- Again, **research oriented** (no courses)
- Where to find?
 - **Option 1:** offered at some the destinations as a way to carry out the TFE
 - **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](#), [VULCANUS](#) (Japan)
 - Balsells (USA) - [Boulder](#) (Colorado), [Irvine](#) (California)
 - [Unitech](#)
 - ...



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UNIVERSITY OF TECHNOLOGY



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DES SCIENCES
APPLIQUÉES
LYON



Loughborough
University



NTNU
Norwegian University of
Science and Technology



POLITECNICO
MILANO 1863



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



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Internship mobility

- Where to find?
 - **Option 4:** free search
 - Contact professors at ETSETB
 - Contact professors at destination
 - Requires a lot of preparation in advance
 - Low percentage of success

Yet Another Plan for Mobility

Double Degree



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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
 - It takes 1-2 years, depending on the partner
 - Multiple destinations: KTH, HEC Paris, IIT, PoliMI, ISAE Supareo,...
 - Specific presentation: 22/11/2023

Important Academic issues to keep in mind



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- **Master degrees**

- **MET/MEE**

- TFM 30 ECTS. 1 semester
- TFM 1 year (e.g. 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

- **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

- **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)

- **Bachelor degrees**

- Telecommunications Technologies and Services Engineering (**GRETST**) and Electronic Engineering (**GRELEC**)

- 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

- **Bachelor degrees**
 - **GRETST / GRELEC**
 - **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
 - **2nd call (July):**
 - Mobility tied to the **spring semester**
 - Have passed 180 ECTS (less one subject)

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?

<https://telecos.upc.edu>