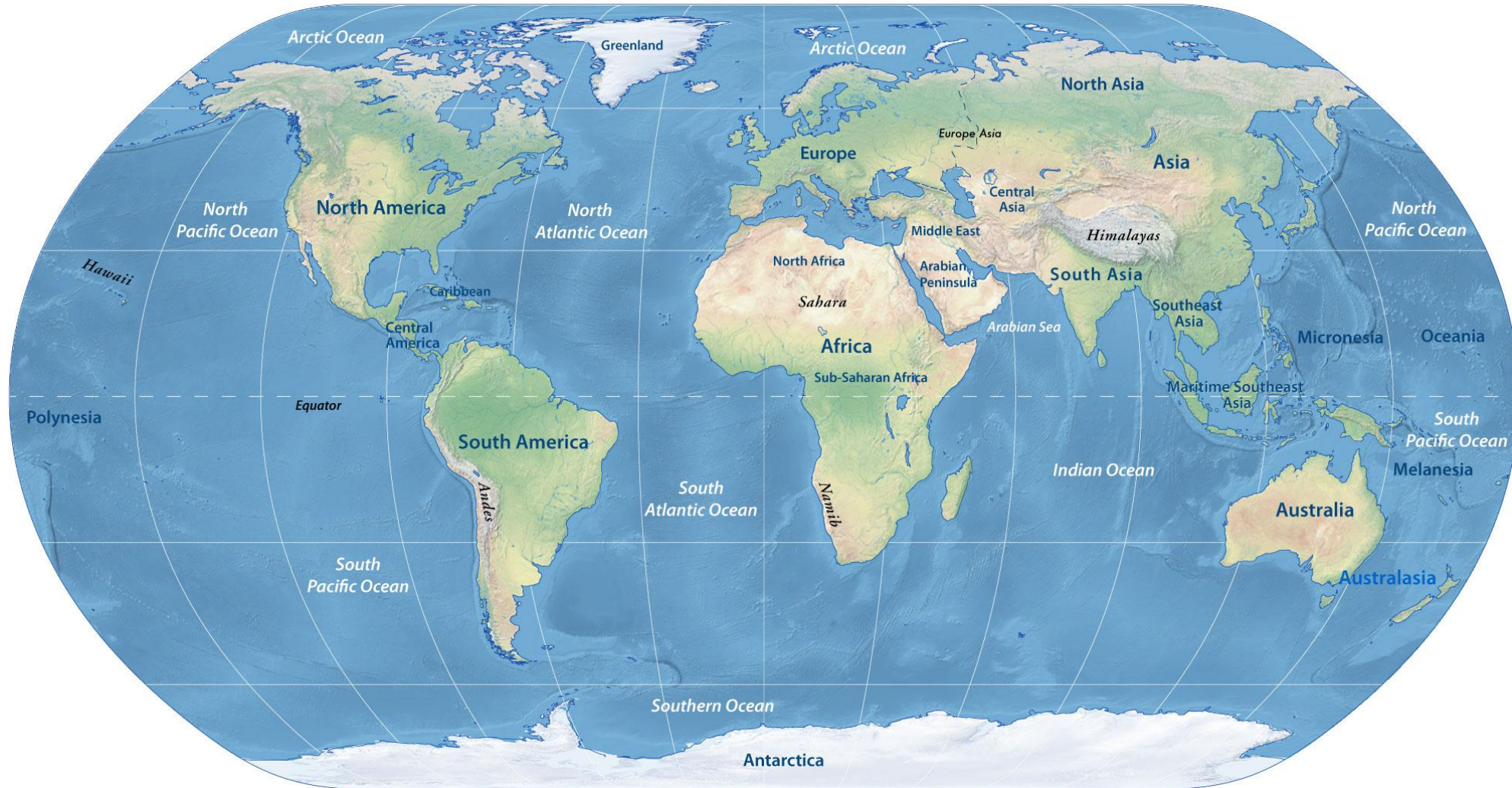


TelecosBCN at BARCELONATECH

Mobility 2026/2027



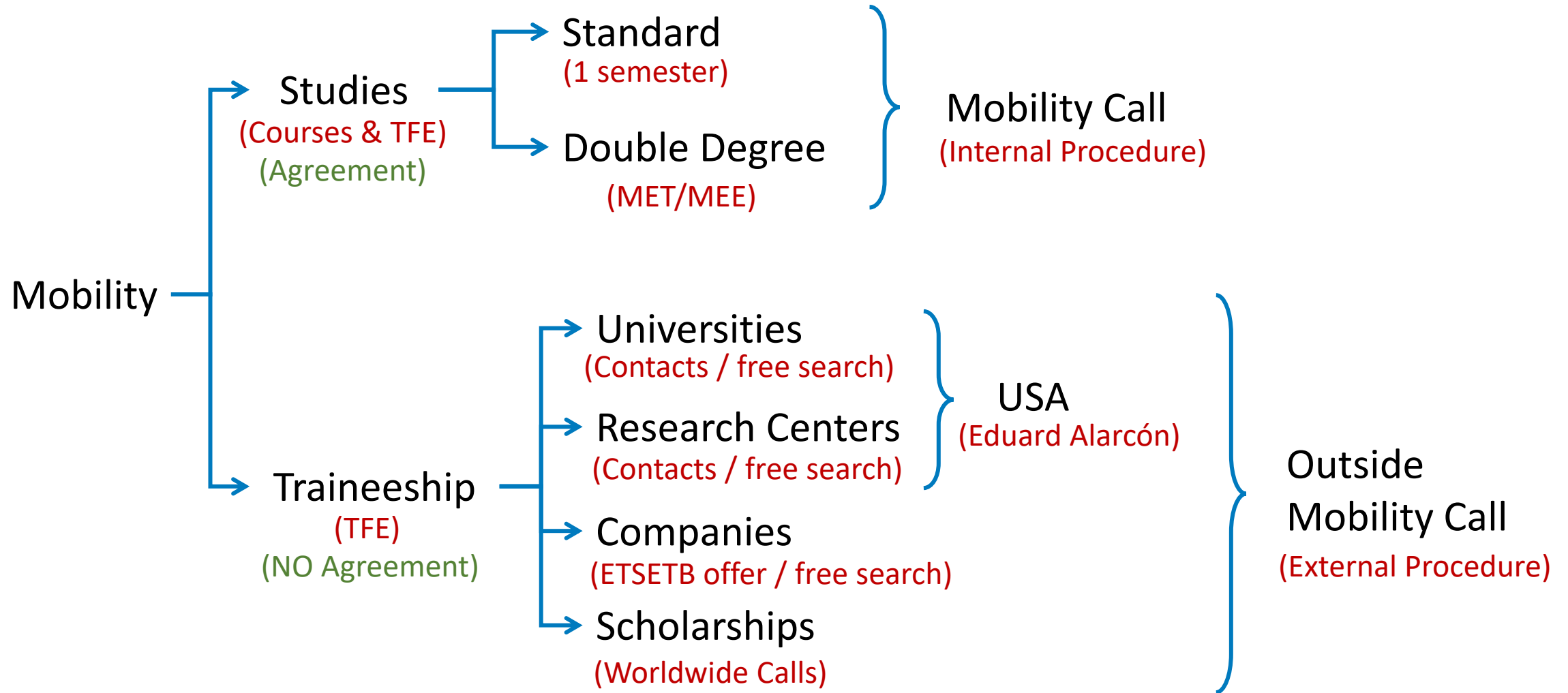
Information meeting

December 3rd 2025

- ☐ **Mobility Options**
- ☐ **Mobility Call**
 - ☐ Requirements
 - ☐ Application
 - ☐ Double Degrees
- ☐ **Traineeship**
 - ☐ Competitive Scholarships
 - ☐ Company / Research Center
 - ☐ **USA**
- ☐ **Funding**

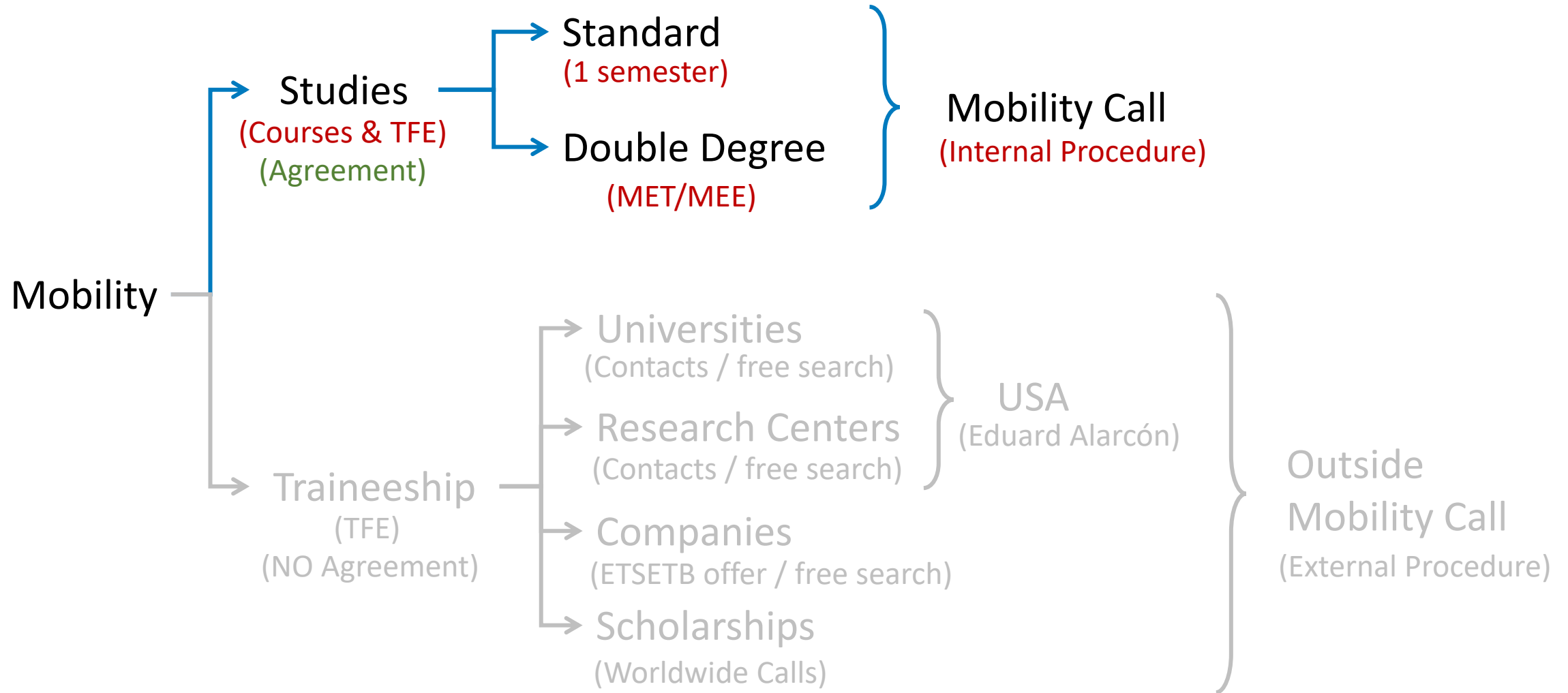
Mobility Options

Mobility Options



Mobility Call

Mobility Call



Requirements

Bachelor

GRETST / GRELEC

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

- Studies: TFG (18 ECTS) + up to 2 elective courses (12 ECTS)
- Traineeship: TFG (18 ECTS) + curricular internship (12 ECTS)
(if not “used” before)
- Requirements:
 - 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** (less 2 subjects)
 - **2nd call (July):** (conditional assignment) → **180 ECTS in July**
 - Mobility in the **spring semester**: have passed **180 ECTS** (less one subject)

Bachelor

GEF / GCED

Bachelor's Degree in Engineering Physics (**GEF**)

- Studies or Traineeship: TFG (30 ECTS)

Bachelor's Degree in Data Science and Engineering (**GCED**)

- Mobility in 4B
 - Studies: TFG (18 ECTS) + elective courses (12 ECTS)
 - Traineeship: TFG (18 ECTS) + curricular internship (12 ECTS)
(if not “used” before)
- Mobility in 4A
 - Courses (30 ECTS) (discuss with Head of Studies)

Master MET / MEE

Master's degree in Telecommunications Engineering **(MET)**

Master's degree in Electronic Engineering **(MEE)**

- Studies: Electives (30 ECTS) or TFM (30 ECTS)
- Traineeship: TFM (30 ECTS) or noncurricular traineeship
 - TFM 1 year (e.g. USA or international company)
 - Consequence → Master lasts 2,5 years
 - 1st semester: Enroll noncurricular traineeship (only paying enrollment fees)
 - 2nd semester: Enroll TFM

Master

MATT / MPho / MEF

Master in Advanced Telecommunication Technologies (MATT)

- TFM 12 ECTS at UPC, but normally 30 ECTS at host university

Master in Photonics (MPho)

- TFM 16 ECTS at UPC, but normally 30 ECTS at host university

Master in Engineering Physics (MEF)

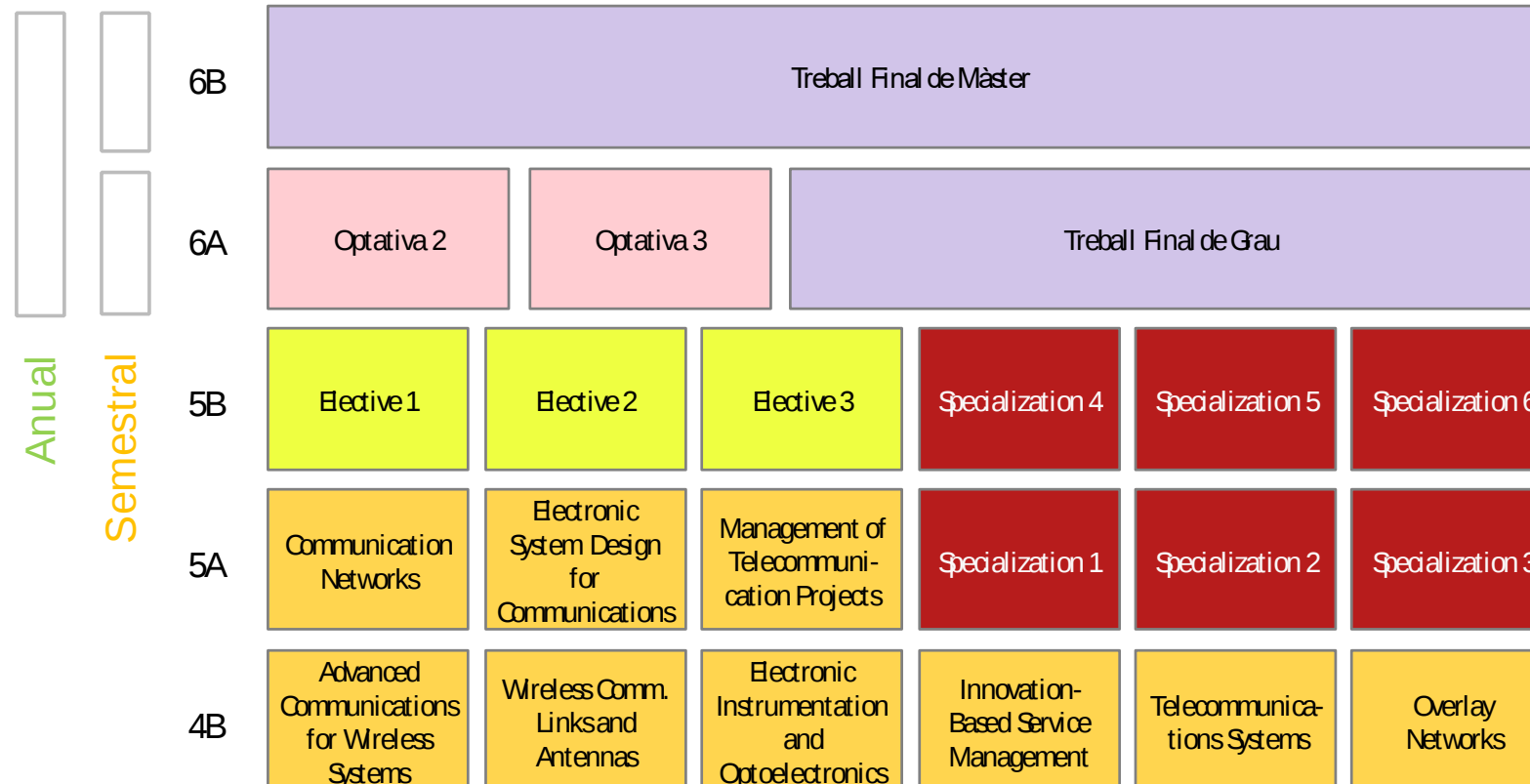
- TFM 17 ECTS at UPC, but normally 30 ECTS at host university

PARS

Mobilitat PARS-1: Màster amb especialització

- No admet doble titulació
- Mobilitat diferent (semestral a 6A i/o 6B)
- Orientat a estudiants que busquen combinar especialització i mobilitat

Mobilitat

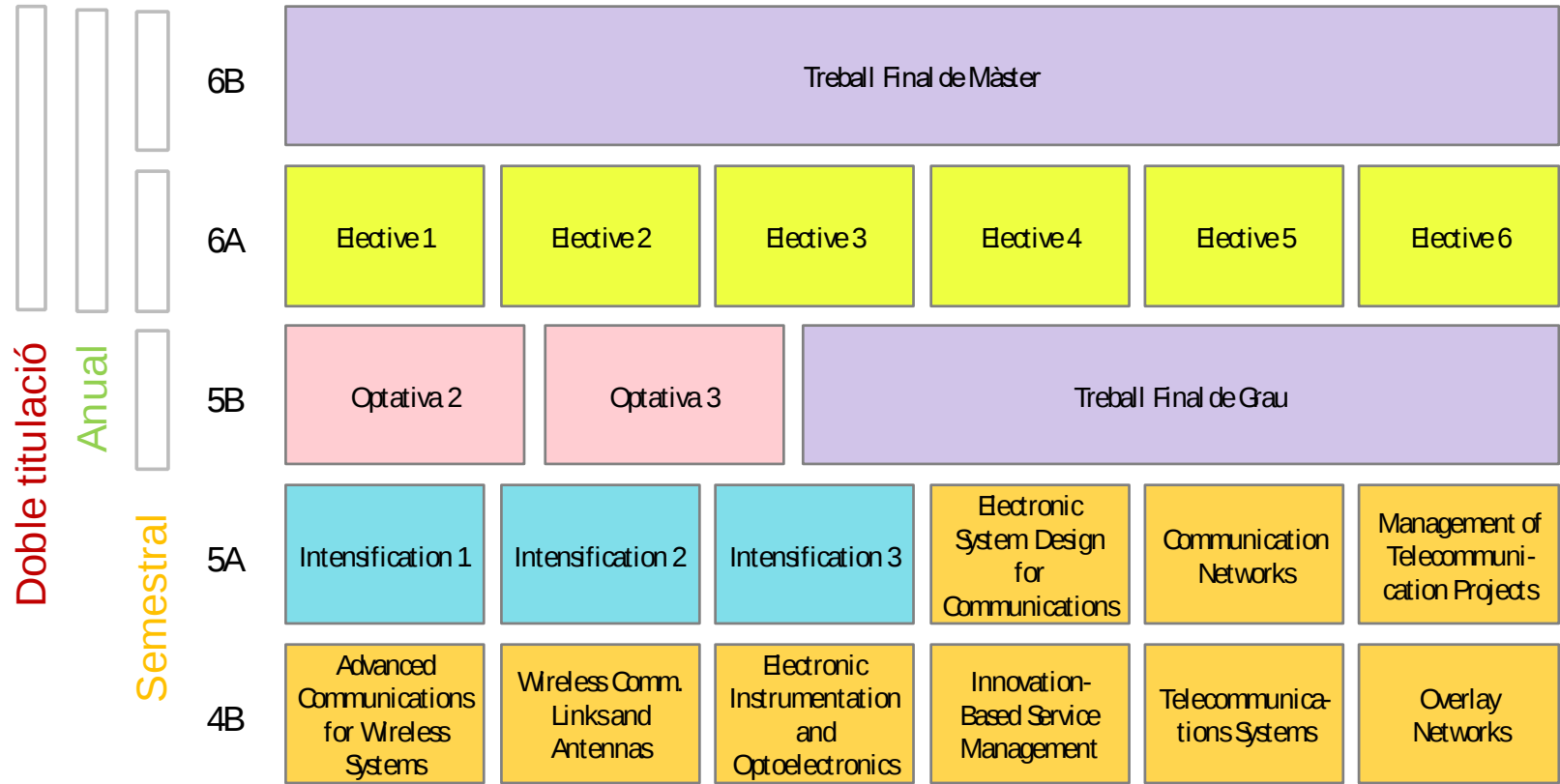


PARS

Mobilitat PARS-2: Màster sense especialització

- Estudiants provinents de menció SisTel
- Màxima flexibilitat

Mobilitat

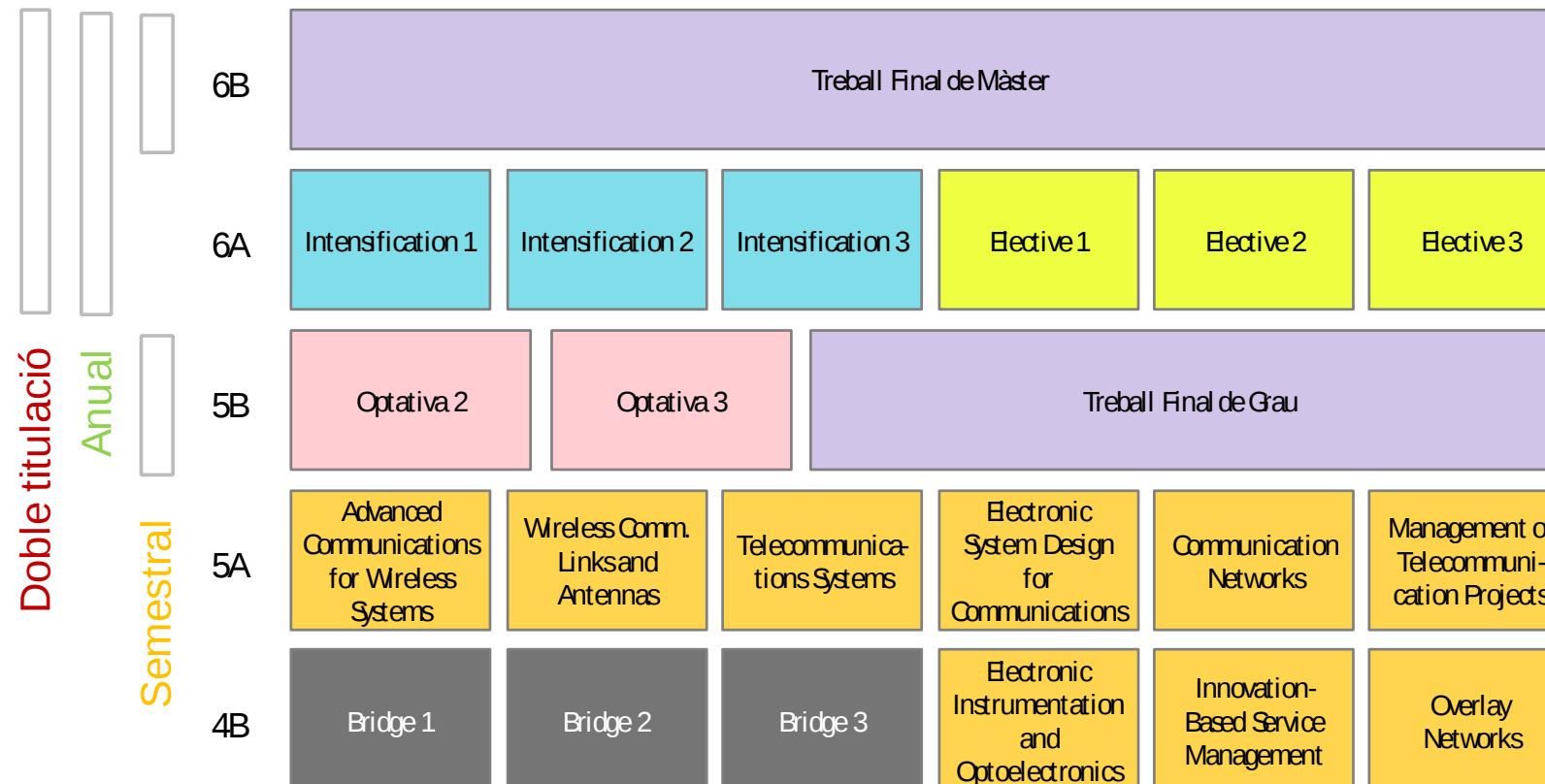


PARS

Mobilitat PARS-3: Màster amb «bridge»

- Estudiants provinents de mencions audiovisuals i telemàtica
- Itinerari generalista amb intensificació, però sense especialització
- Les assignatures d'intensificació en mobilitat han de ser equivalents i només en doble titulació o programes anuals específics (ex. Unitech)
- En el cas de voler fer la doble titulació amb l'HEC París, cal permutar les intensificacions 2 i 3 per les assignatures «core» IBSM i MTP

Mobilitat



Application

Find a destination

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

<https://telecos.upc.edu/ca/mobilitat>



Studying abroad

Estades a l'estranger 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

Select a Country

MOBILITYDESTINATIONS

☒ Only current agreements

Filter 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 (4)

Argentina 2 **Estats Units d'Amèrica 21** Mèxic 1 Veneçuela 1

ÀSIA (3)

Índia 1 Japó 1 Xina 1

EUROPA (25)

Alemanya 19 Àustria 3 Bèlgica 6 Bulgària 2 Croàcia 1 Dinamarca 2 Eslovàquia 2 Eslovènia 2 Finlàndia 4 França 35 Grècia 6
Hongria 1 Irlanda 3 Itàlia 20 Noruega 2 Països Baixos 3 Polònia 9 Portugal 6 Regne Unit 1 República Txeca 5 Romania 2
Suècia 6 Suïssa 4 Turquia 4 Xipre 1

Exception! We'll talk about this later

Example

Explore destinations (you can choose up to 8)

Select a University

← Destinations

Universities of Suècia (6)

H

HÖGSKOLAN I BORÅS

🏠 (BORAS)

Agreement

Degree

Master

Phd

DD

ICT/TIC

Ph

BTHESIS

MTHESIS

2 students

H

HOGSKOLAN I GAVLE

🏠 Faculty of Engineering and Sustainable Development (GAVLE)

Agreement

Degree

Master

Phd

DD

ICT/TIC

Ph

BTHESIS

MTHESIS

1 student

L

LINKOPINGS UNIVERSITET

🏠 Faculty of Science and Engineering (LINKOPING)

Agreement

Degree

Master

Phd

DD

ICT/TIC

Ph

BTHESIS

MTHESIS

18 students

K

KUNGLIGA TEKNISKA HÖGSKOLAN

🏠 KTH - School of Electrical Engineering and Computer Science, EECS (STOCKHOLM)

Agreement

Degree

Master

Phd

DD

ICT/TIC

Ph

BTHESIS

MTHESIS

61 students

S

STOCKHOLMS UNIVERSITEIT

🏠 Department of Computer and Systems Science (STOCKHOLM)

Agreement

Degree

Master

Phd

DD

ICT/TIC

Ph

BTHESIS

MTHESIS

3 students

U

UMEA UNIVERSITET

🏠 Department of Physics (UMEA)

Agreement

Degree

Master

Phd

DD

ICT/TIC

Ph

BTHESIS

MTHESIS

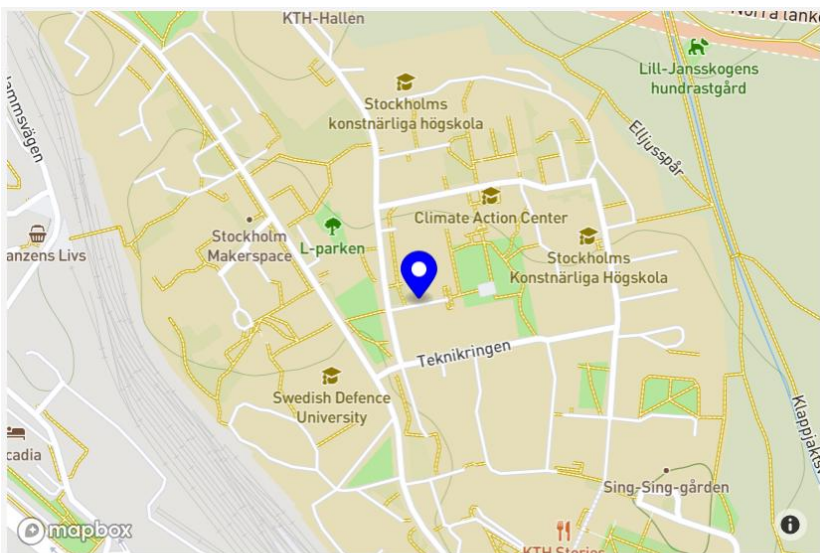
1 student

Example

Check Details

X KUNGLIGA TEKNISKA HÖGSKOLAN (S STOCKH004)

Suècia



*approximate location based on destination name

KUNGLIGA TEKNISKA HÖGSKOLAN

 KTH - International Office, Drottning Kristinas väg 6 SE-100 44 Stockholm Suècia. STOCKHOLM, Suècia <https://www.kth.se/en/studies/exchange>

AGREEMENT

FINAL THESIS

Higher Education Institutes code:	S STOCKH004
Faculty:	KTH - School of Electrical Engineering and Computer Science, EECS
Agreement until:	2028
Deadline Application:	15 octubre (spring) / 15 abril (autumn)
Minimum grade to go to the destination:	7.00
Double Degree:	NO
Final Degree Project:	YES
Master's Thesis:	YES
Final Thesis observations:	Each student must: - clearly indicate in the written work what are their specific tasks at work. - an individual public exhibition where he has to be clearly reflected what their contribution has been
Programs in the ICT/TIC area:	✓ Degree ✓ Master ✗ PhD
Programs in the Physics/Photonic area:	✗ Degree ✗ Master ✗ PhD
Files:	 KTH Fact Sheet 2021.2022..pdf (Practical information (Fact Sheet))
Links of interest:	Exchange studies at KTH https://www.kth.se/en/studies/exchange

LANGUAGES

Language of instruction 1

 Swedish Level: B2 --

Language of instruction 2

 English Level: B2 --

Language skills

English is a must: usually B2 or TOEFL/IELTS

Sometimes the local language is required

Apply for a position

Student

ETSETB

Student

ETSETB

Apply for a position

19/12/2025 – 31/01/2026

- Look for **mobility section** in *e-secretaria*
- Request up to **8 destinations** (dream, but also be realistic)
- **Specific actions** are required before applying to **USA destinations**

Resolution

13/02/2026

- Sort student applications according to:
 - **Average qualification** (including this semester)
 - **Performance parameter** (Alfa)
- **First "feasible" destination is assigned**
 - Vacancies are still available
 - Academic constraints are passed

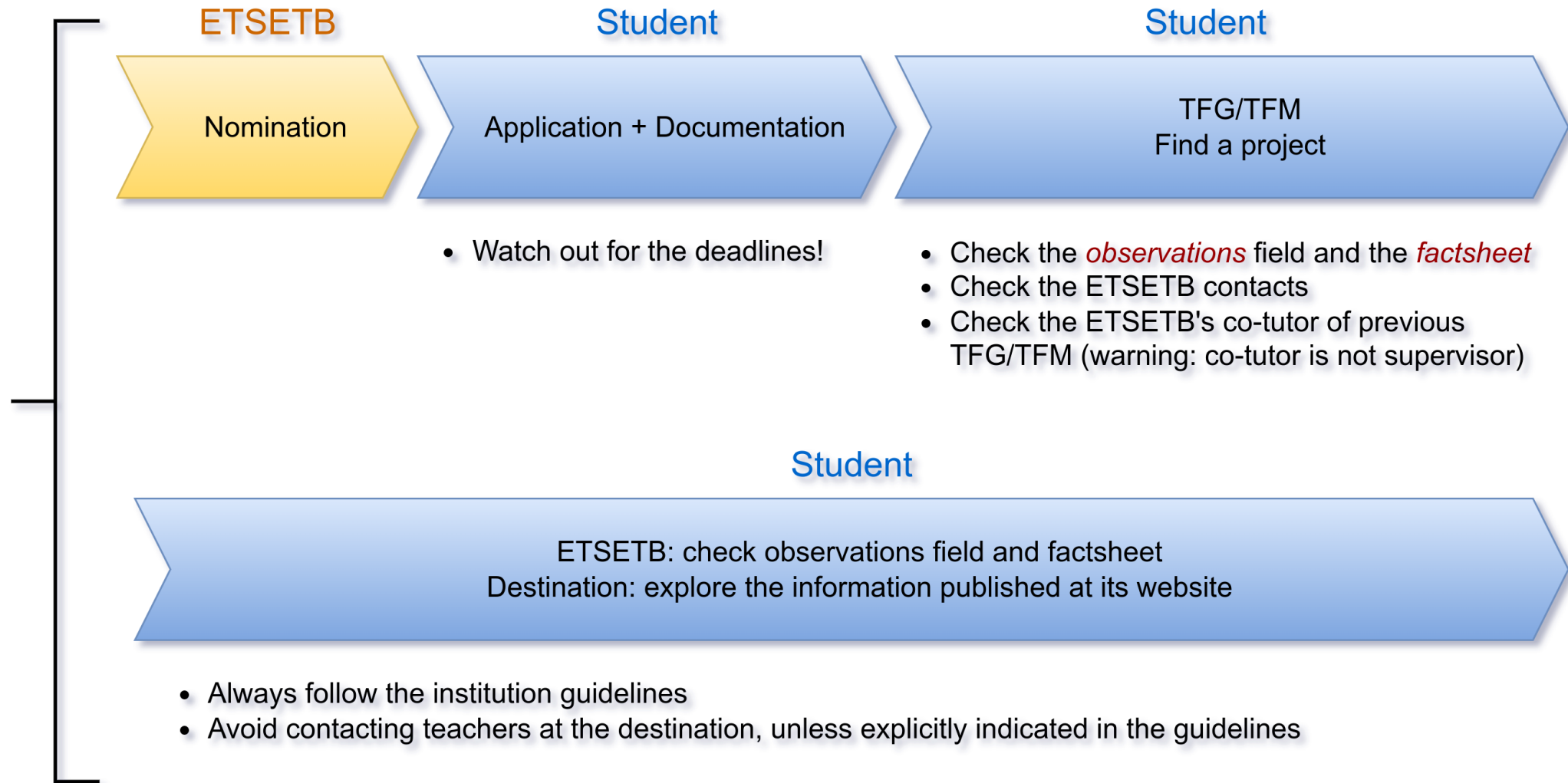
Accept or
Reject

16-22/02/2026

Nomination

Q1: Spring
Q2: Autumn

Procedures Before you Go



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

Double Degrees

Master's degree in Electronic Engineering (MEE)

Double degrees in the MEE

Master structure

90 ECTS

2A

Elective subjects
(10 ECTS)

Master thesis (20 ECTS)

1B

Entrep.

Elective subjects (25 ECTS)

1A

Devices

Power
&
Control

Instrum
entation

Digital

Digital
μ-electr.

Analog
μ-electr.

Bridge
Max. 25 ECTS

Core
35 ECTS

Elective credits Max. 35 ECTS

With intensification: At least 15 ECTS
from one of the following topics:

- Power Electronics
- Semiconductor Technology
- Biomedical Engineering and Sensors
- Microelectronic Design
- Embedded Systems
- Microprocessor Design
- Innovation and Management

Or at least 20 ECTS from the **Green
Microelectronics** specialisation track

Without intensification: No restriction
to enrol elective courses.

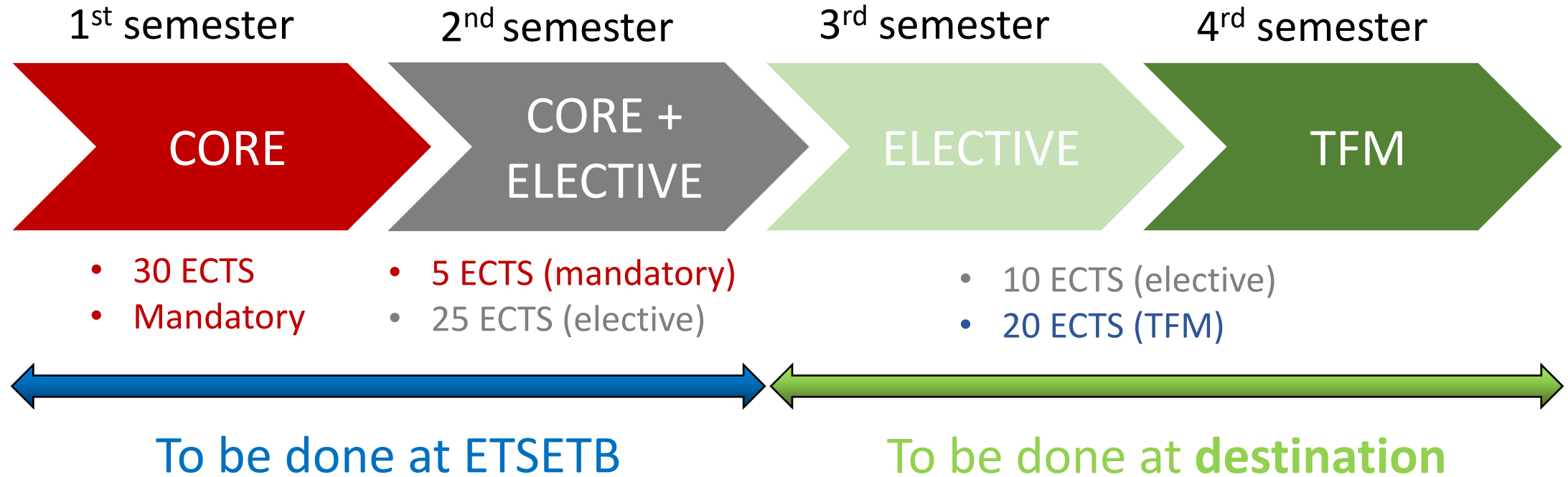
Other possibilities for elective credits:

- Introduction to Research subject.
- Seminars.
- Internships in companies or laboratories.
- Recognized for professional experience.

Master Thesis
20 ECTS

Double degrees in the MEE

Double degree track (90 ECTS - 2 year long curriculum)



Double degrees in the MEE

Master in Electrical and Computer Engineering

Specialization in Electronic Circuits and Systems



1st & 2nd semesters

CORE courses
35 ECTS

ELECTIVE / BRIDGE
courses
25 ECTS



IST Lisboa

3rd semester

30 ECTS COURSES

- 6 ECTS - 2nd cycle Integrative Project
- 12 ECTS - Embedded systems
 - Big-Data Measuring Systems
 - Real-time systems
 - High Performance Computing Architectures
 - Mobile Networks and Internet of Things
 - Digital signal processing systems
- 12 ECTS - ELECTIVES

Elective courses: 20 ECTS

4th semester

MASTER THESIS
30 ECTS

TFM: 20 ECTS

Double degrees in the MEE



**Politecnico
di Torino**
International
University

Master in Electronic Engineering (Ready for Signature)

- Six tracks available:
 - Track in Microelectronics
 - Track in Electronic Micro and Nanosystems
 - Track in Embedded Systems
 - Track in Analog and Power Design
 - Track in Radio Frequency System Design
 - Track in Sistemi Elettronici



Master's Degree in Engineering (Under Negotiation)

- Physical engineering for photonics and microelectronics (IPHY)
 - Oriented to physics and nanotechnology
 - Aligned with the MEE's specialization on Semiconductor Technology
- Integrated electronic systems (SEI)
 - Broad list of topics
 - Taught in French
 - Extended academic track: 1 (ETSETB) + 2 (G-INP) years



Double degrees in the MEE

- Scholarships available for MEE students undertaking a mobility at a GreenChips-EDU destination

- Politecnico di Torino (Torino, Italy)
- IST Lisbon (Lisbon, France)
- Grenoble-INP (Grenoble, France)
- TU Gratz (Styria, Austria)
- TU Darmstadt (Darmstadt, Germany)

- Scholarships cover expenses not covered by the Erasmus programme

- **Transportation** and **housing** during periods not covered by the Erasmus grant
- **Enrollment** at the ETSETB
- Any **fees** required at the host institution (or at the ETSETB)
- In double-degree programmes, transportation and housing expenses for the academic year in which the student remains at the ETSETB
- ...

Further information



Application

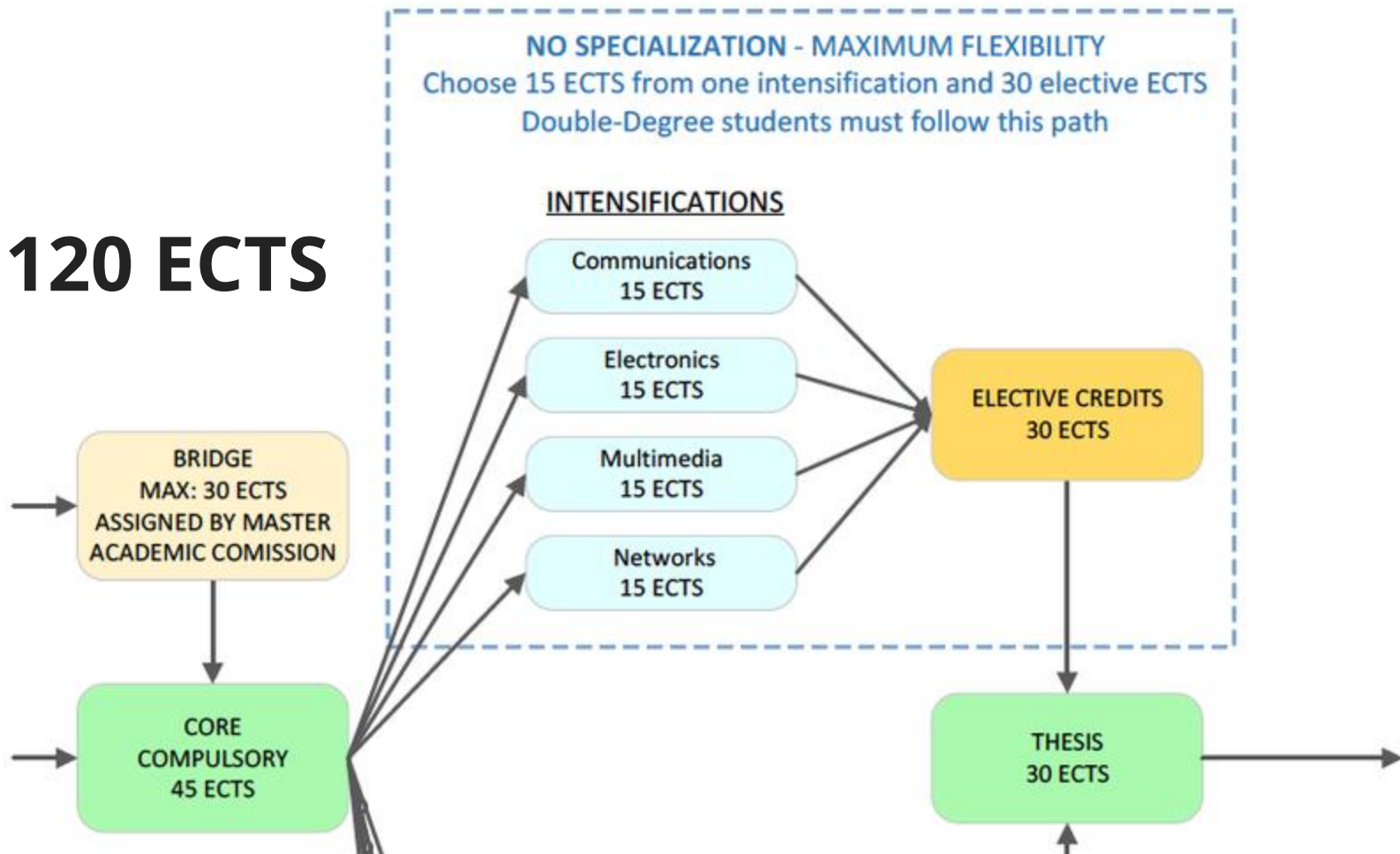


Master's degree in Telecommunications Engineering (MET)

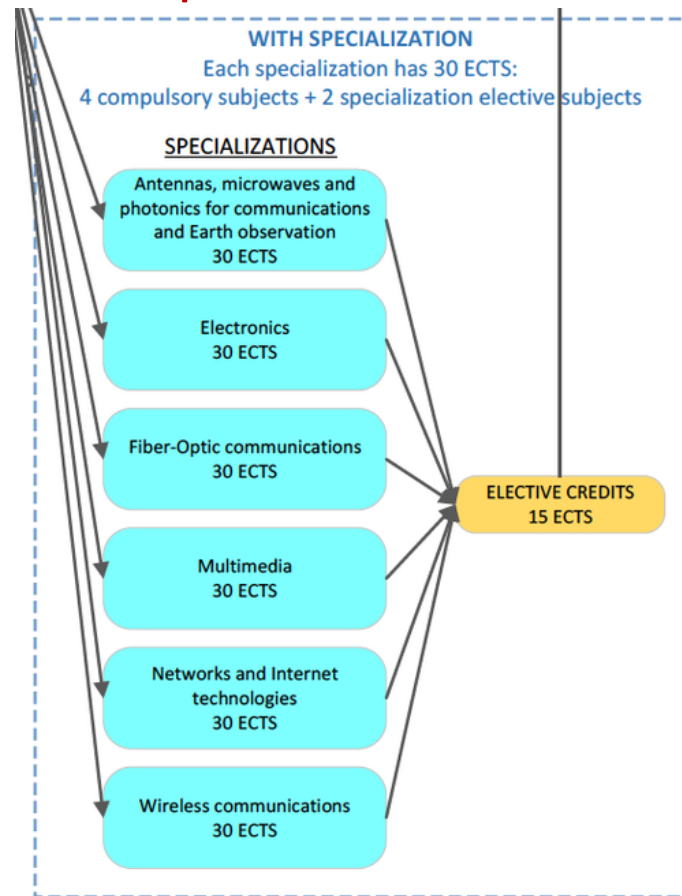
Double degrees in the MET

Master structure

120 ECTS

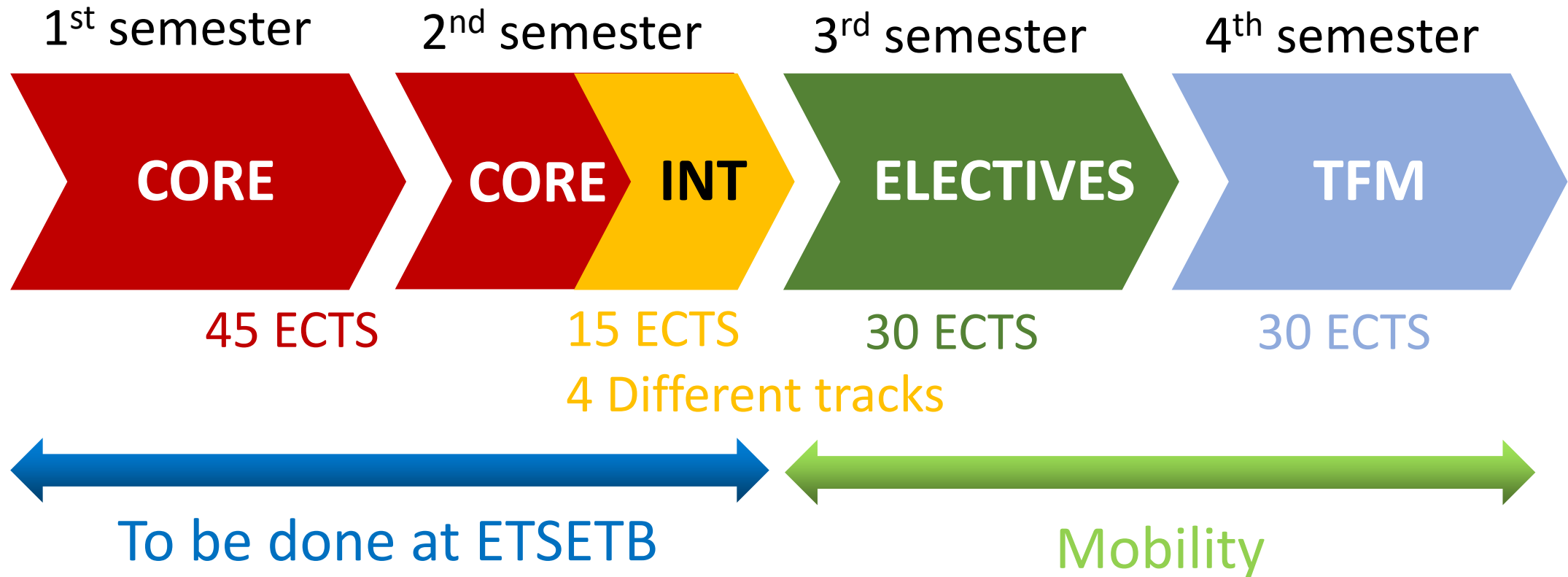


No Specialization in DD

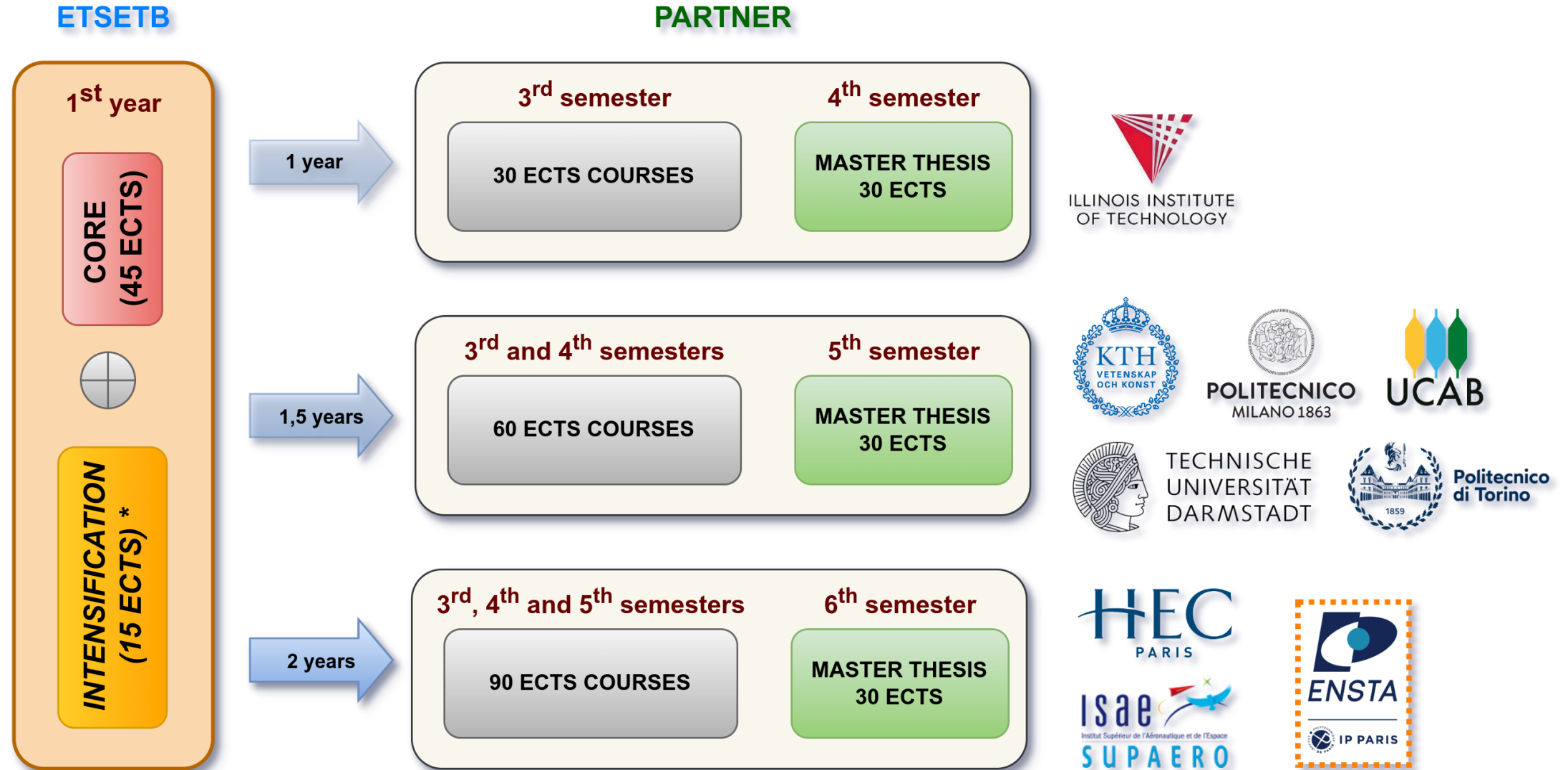


Double degrees in the MET

Double Degree track
(120 ECTS – 2-3 year long curriculum)



Double degrees in the MET



* Students requiring bridging courses should contact the Vice-Dean of International Relations to work out a tailor-made course schedule

Double degrees in the MET

General Terms and Conditions

- You must be enrolled in the MET/MEE master.
- You must apply to the mobility call (2026/27).
- It is a double degree: you get graduated when **both degrees** are completed.
- Even you are abroad, you must fulfill your duties with ETSETB, as you are still a ETSETB student.
- Elective courses must be agreed upon with the MET/MEE academic program manager.
- You must register, enroll and defend the TFM at the ETSETB.

2 Years

Double degrees in the MET

Illinois Institute of Technology (IIT)

**ILLINOIS
TECH**

- Location: Chicago (Illinois, USA)
- Duration: 1 year only (very intensive)
- Costs:
 - Tuition: ~**25,000\$** / year (1,200 \$/Ch)
 - Housing: ~**1,500\$** / month
- Credit transfer
 - Up to **9 c.h.** (depends on the MSc program)
- STEM masters allow students to work in USA for **3 years**
- English Level:
 - TOEFL (NOT home edition) 80 overall AND 20 in each of the 4 subsections.
 - IELTS (NOT home edition) 6.5 overall AND 6.0 in each of the 4 subsections/bands.
- Minimum Mark: B (**7.0**)

Double degrees in the MET

Illinois Institute of Technology (IIT)

**ILLINOIS
TECH**

- MSc programs
 - 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.)
 - Master of Computer Engineering in IoT (30 c.h.)
 - Master of Biomedical Data Science and Modeling (32 c.h.)
 - Master of Mathematical Finance (30 c.h.)
 - Master in Technological Entrepreneurship (30 c.h.)
 - Master of Science in Environmental Management and Sustainability (33 c.h.)
 - Master of Science in Autonomous Systems and Robotics (32 c.h.)
 - Master of Science in Biomedical Data Science and Modeling (32 c.h.)
 - Master of Science in Medical Devices and Biomaterials (32 c.h.)
 - Master Engineering in Artificial Intelligence, Computer Vision, and Control (30 c.h.)
 - Master of Computational Engineering, Optimization, Machine Vision, and Decision Making Track (30 c.h.)
 -

2.5 Years

Double degrees in the MET

Royal Institute of Technology (KTH)

- Location: Stockholm (Sweden)
- Duration: 1.5 year
 - 2 semester for courses (42 ECTS from the chosen program)
 - 1 semester for the TFM
- Language: English
- You only pay tuition at the ETSETB



Double degrees in the MET

Royal Institute of Technology (KTH)

- MSc programs
 - MSc in Embedded Systems
 - MSc in Machine Learning
 - MSc in Nanotechnology
 - *MSc in Communication Systems*
 - *MSc in Cybersecurity*
 - MSc in Electric Power Engineering
 - MSc in Electromagnetics, Fusion and Space Engineering
 - MSc in Information and Network Engineering
 - MSc in Systems, Control and Robotics



Double degrees in the MET

Politecnico di Milano (PoliMi)

- Location: Milan (Italy)
- Duration: 1.5 year
 - 2 semester for courses
 - 1 semester for the TFM
- Language: English
- You only pay tuition at the ETSETB
- Master of Science in Telecommunication Engineering (5 tracks)
 - Internet engineering
 - Signals and data analysis
 - Communication networks and internet
 - Data communications
 - Microwaves and photonics



POLITECNICO
MILANO 1863

Double degrees in the MET

Politecnico di Torino(PoliTo)

- Location: Torino (Italy)
- Duration: 1.5 year
 - 2 semester for courses (track completely planned)
 - 1 semester for the TFM
- Language: English
- You only pay tuition at the ETSETB
- MSc program: Master of science in Communications Engineering



**Politecnico
di Torino**

Double degrees in the MET

TU Darmstadt

- Location: Darmstadt (Germany)
- Duration: 1.5 year
 - 2 semester for courses
 - 1 semester for the TFM
- Language: depending on the program
- You only pay tuition at the ETSETB
- MSc programs
 - MSc. Electrical Engineering and Information Technology (English / German)
 - MSc. Information and Communication Engineering (English)



TECHNISCHE
UNIVERSITÄT
DARMSTADT

Double degrees in the MET

Universidad Católica Andrés Bello

- Location: Caracas (Venezuela)
- Duration: 1.5 year
 - 2 semester for courses
 - 1 semester for the TFM
- Language: Spanish
- MSc programs
 - Maestria en Sistemas de Información
- You must pay tuition at both institutions



3 Years

Double degrees in the MET

ISAE - SUPAERO



- Location: Toulouse (Midi-Pyrénées, France)
- Language: French / English
- MSc program: Ingénieur ISAE - Supaero
- Duration: 2 year
 - Option 1
 - 3 academic semesters (3, 4 and 5)
 - 1 semester dedicated to TFM
 - Option 2
 - 2 academic semesters (3 and 5)
 - 1 semester dedicated to an internship (4)
 - 1 semester dedicated to TFM
- You must pay tuition at both institutions
 - First year, only at the ETSETB
 - Second year, at both institutions (~3000 € at ISAE-SUPAERO)

Double degrees in the MET

École des Hautes Études Commerciales (HEC)



- Location: Paris (France)
- Program: Master in Management
- Duration: 2 years
 - Generalist phase (1st year): common track
 - 1 optional gap year (get professional experience)
 - Specialization phase (2nd year): courses and TFM
- Language: English
- We do our best to let you apply to the 3rd round
- You must pay tuition at both institutions

Double degrees in the MET

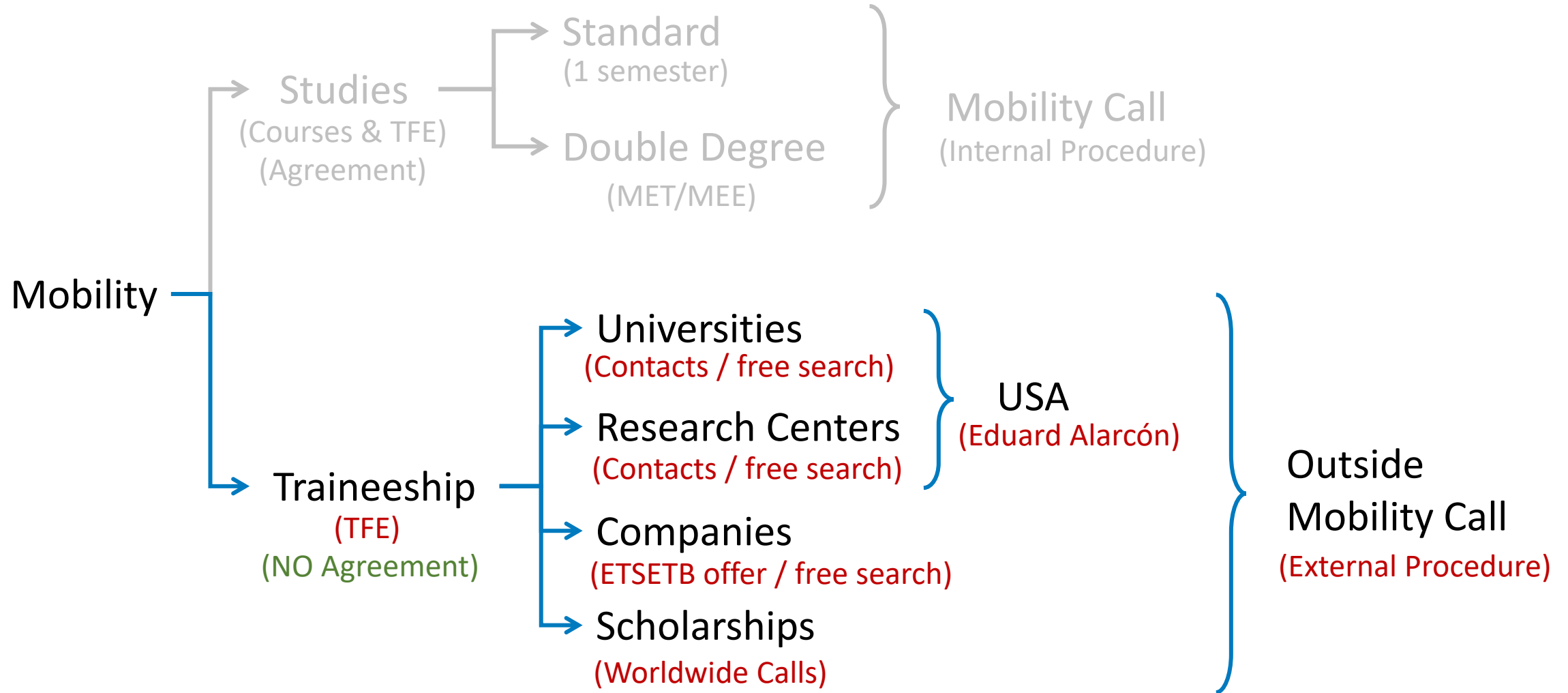
École des Hautes Études Commerciales (HEC)



- Costs (HEC)
 - Tuition: ~**26,000€** / year
 - Living (housing, food, leisure,...): ~**12,000€** / year
- Procedure
 - Nomination
 - Assessment / Interview
 - Academic transcripts
 - CV (Currículum)
 - Recommendation letters (2 professors)
 - Language certificates
 - Admission

Traineeship

Traineeship



Traineeship

- **Research oriented** (no courses)
- **How to find a traineeship?**
 - **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

Traineeship

- How to find a traineeship?
 - **Option 3:** Competitive scholarship programs (check the a comprehensive [list of scholarship programs](#) at ETSETB website)
 - [NII](#) (Japan - TFM only), [VULCANUS](#) (Japan - No academic purposes)
 - [CERN](#) – Centre d'Investigació Nuclear situat a Ginebra (Suïssa)
 - Balsells (USA) - [Boulder](#) (Colorado), [Irvine](#) (California)
 - [Xiji Incubator](#) at Tonji University, in Shanghai.
 - [Unitech](#)
 - 1 or 2 semesters for courses (≥ 20 ECTS each)
 - 1 or 2 trimesters for internship

Traineeship Unitech



ACADEMIC PARTNERS



UNITECH's Corporate Partners



Informative Session December 3rd 17:00

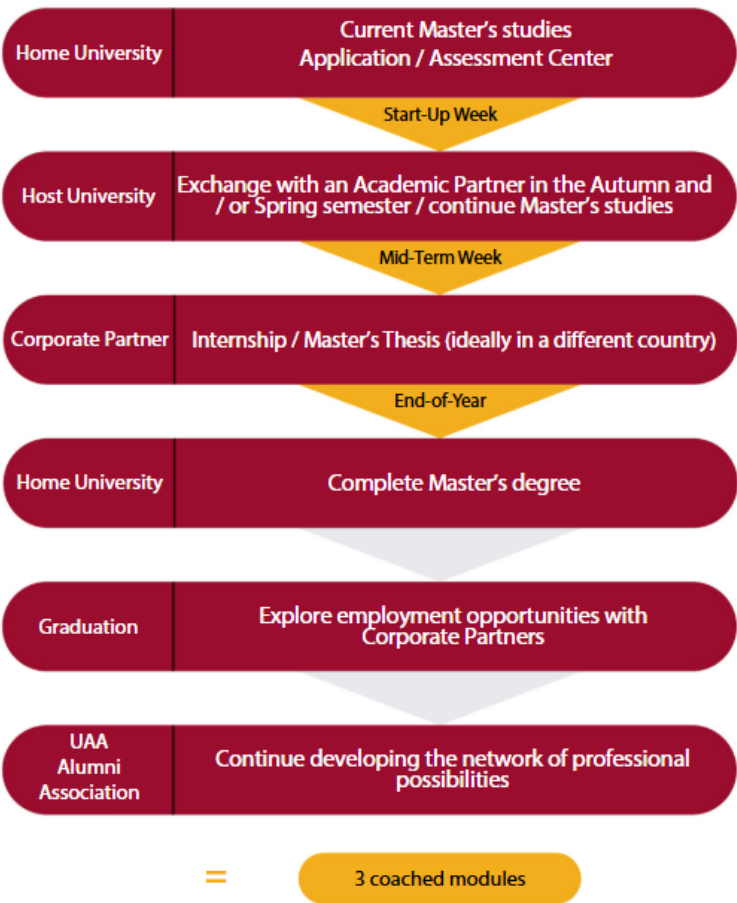
Application December 12th

<https://www.unitech-international.org>

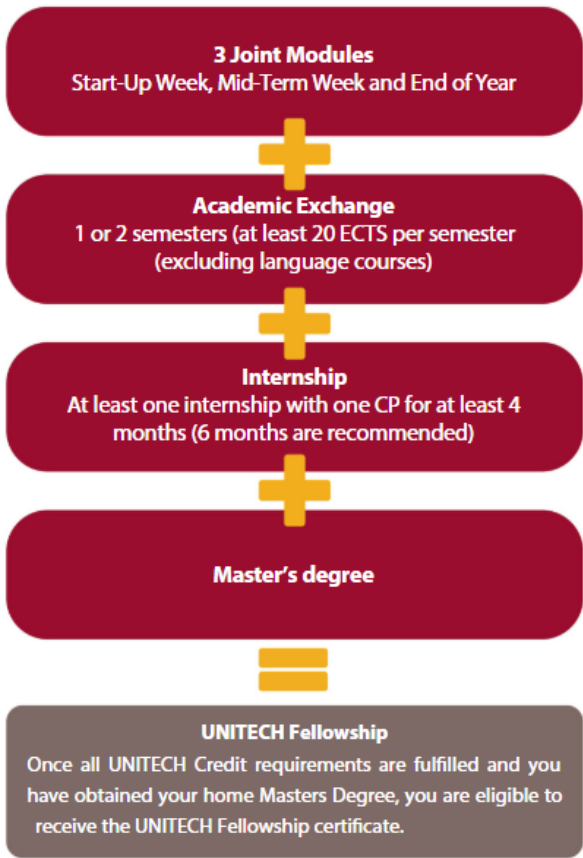
Traineeship Unitech



The Programme Structure



Requirements to graduate from the UNITECH Programme





Traineeship Unitech

Information for Outgoing Students

Students have to be from one of the UPC schools/faculties that participate in the programme). There is no minimum mark as a requirement. Your transcript of records has to generally show your overall performance and motivation. An English certificate confirming your English knowledge is compulsory for the application. See contact details and more information about eligibility and requirements on the [UPC information for outgoing students page](#).

Information Event

TBD

Application deadline

12 Dec. 2025

Assessment Centre

28 Jan. 2026

Please note that Universitat Politècnica de Catalunya (UPC) students cannot participate in academic exchange at Aalto University in 2026.

Informative Session
December 3rd 17:00

<https://meet.google.com/hog-nrhj-joc>

Programme Director

Joaquim Minguella Canela

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joaquim.minguella@upc.edu

Local Coordinator

Bérénice Martin

+34 93 401 58 04 or

+34 93 401 69 37

berenice.martin@upc.edu

UAA Local Chapter Coordinators

uaa.lcc.spain@unitech-international.org

<https://www.unitech-international.org>

Traineeship

- How to find a traineeship?
 - **Option 4:** free search
 - Contact professors at ETSETB
 - Contact professors at your desired universities
 - Requires a lot of preparation in advance
 - Look for internships at your desired companies / research centers
 - Requires a lot of preparation in advance
 - [Erasmus Intern](#)
 - Check the [Unite website](#)



USA

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)
- Specific presentation (by Prof. **Eduard Alarcon**) **December 17th**
- Personal interview with Prof. Eduard Alarcon.
- **Administrative process very difficult & High risk (Best effort from ETSETB)**
- **Erasmus grant difficult to obtain**

Funding

Funding

Scholarships and grants

Mobility destinations

Offer of international mobility destinations at the
ETSETB



Types of mobility

Bachelor's and master's Theseis at foreign
companies or universities

Scholarships and grants

Erasmus+ programme, Santander scholarships,
Faro programme, MOBINT AGAUR, "La Caixa"
social welfare programme



Languages

Certify your language register for language
courses and exams

Funding

- Family → Talk, save...
- Grants/Scholarships?
 - **Erasmus+**
 - **Mobint** Generalitat de Catalunya
 - Santander Erasmus
 -
- Check the [list of scholarship programs](#) at our website
- Check the [Beques per a la Mobilitat](#) at SGA

Thank you for listening. Any questions?



Where to Find Information

- Consult **Barcelona Telecom School** website
<https://telecos.upc.edu/ca/mobilitat>
- Consult **foreign university** website
- Academic questions: **Vice Dean of International Relations**
(Building B3, 2nd floor, Room 202b)
subdir.internacional.etsetb@upc.edu.
- Administrative questions: **Academic Office**
(Building B3, ground floor)
students.mobility.etsetb@upc.edu
- Questions about agreements: **External Relations Area**
(Building B3, 1st floor)
institutional.mobility.etsetb@upc.edu
- UPC's **International Relations Bureau**.
<https://www.upc.edu/sri/en>

<https://telecos.upc.edu>