



The UNITECH Advantage



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What is UNITECH?

Engage
with the
Programme

- Assessment Centre
- Start-Up Week (August/September)
- Academic exchange
in one of the partner universities
- Mid-Term Week (January)
- Internship
in one of the partner companies
- End-of-Year Event (August/September)



Why UNITECH?

Connect
with the
network

- Many meetings
- General Assembly (August/September)
- Individual connections; networking
- Alumni events

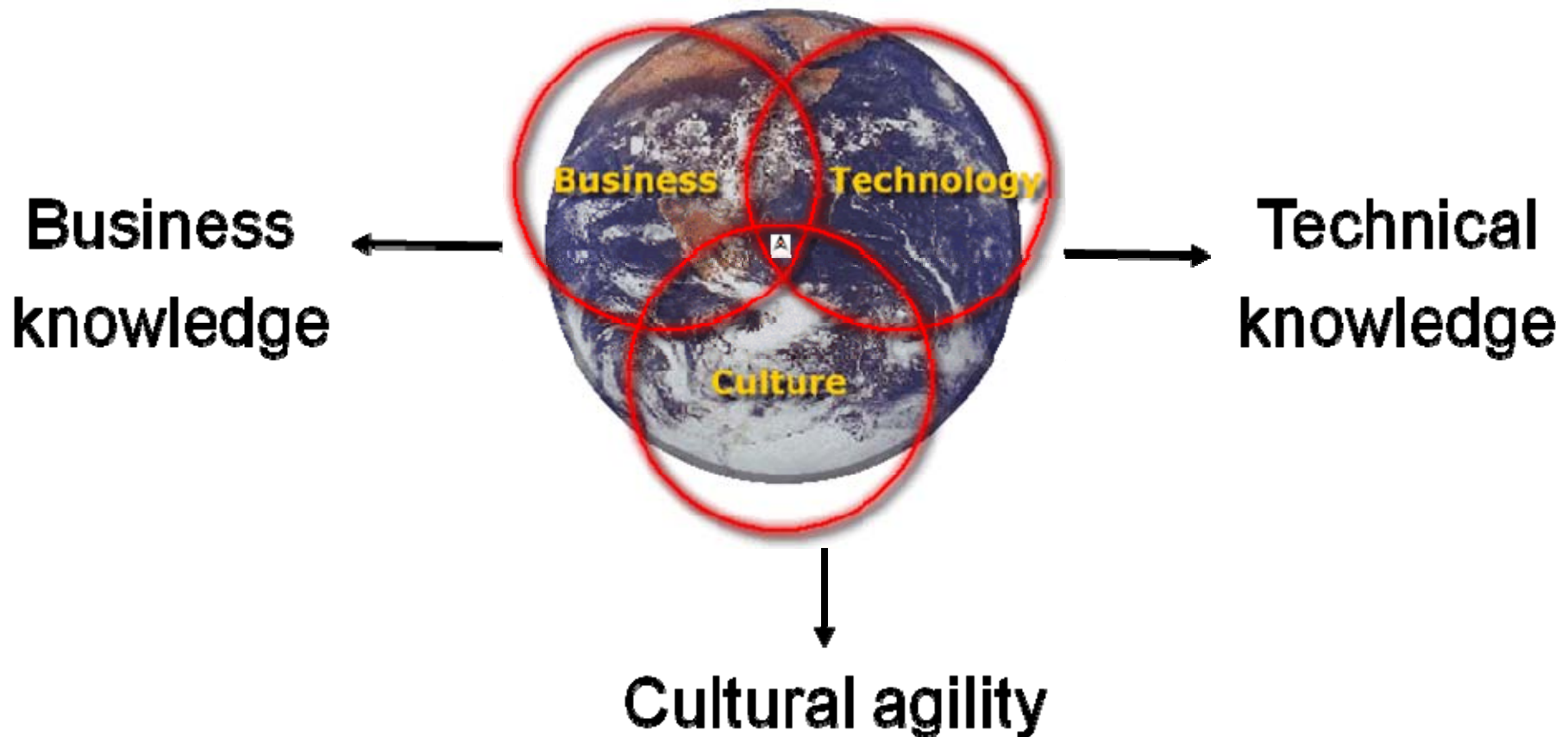


→ Gain Advantage on Two Levels

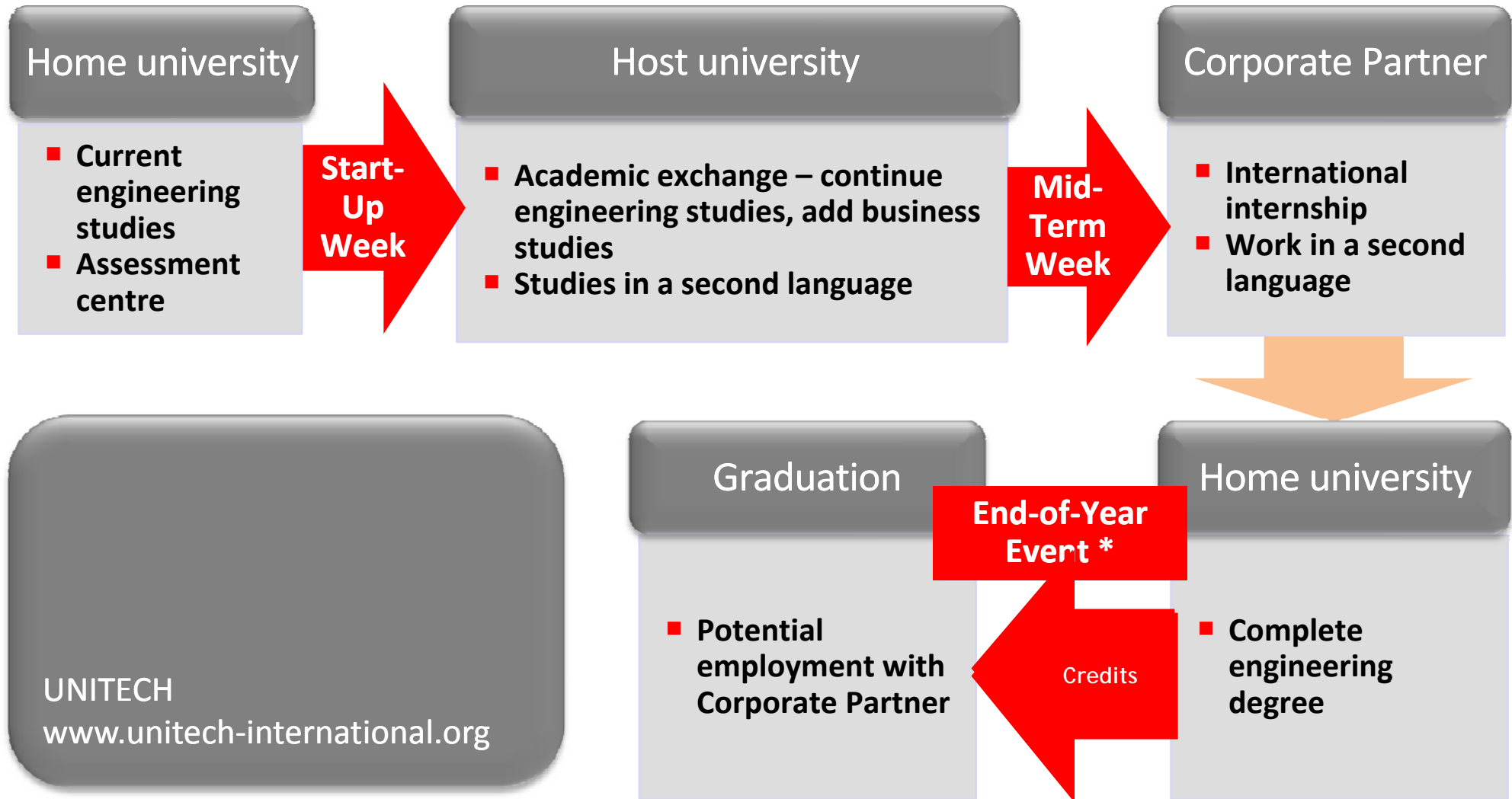
Why UNITECH?

The Driving Forces Behind UNITECH

A rapidly changing environment demands broader skills from tomorrow's engineers



UNITECH Programme Overview



The Wide and Varied UNITECH Network

9 Academic Partners

CHALMERS
ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Loughborough
University

RWTH AACHEN
UNIVERSITY



POLITECNICO
DI MILANO

UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

TRINITY COLLEGE DUBLIN
COLÁISTE NA TRÍONÓIDE, BAILE ÁTHA CLIATH

THE UNIVERSITY
OF DUBLIN

TU Delft
Technische Universiteit Delft

INSA
LYON



20 Corporate Partners

ABB

Danfoss

optotune
shaping the future of optics

SKF



Agbar

e-on

Johnson
Controls



vodafone

Boston
Scientific
Advancing science for life™

EVONIK
INDUSTRIES

GEBERIT



Schindler

VORWERK

Unser Bestes für Ihre Familie

CATERPILLAR

HILTI

SCHOTT
glass made of ideas



infineon

SIEMENS

Students and Alumni

- 90 student places 2014/2015
- More than 400 active Alumni

Key Opportunities for Interaction

Assessment Centre

- Students - from the very start
- Other Corporate Partners
- Academic Partners
- UAA local chapters

Start-Up Week

- Ideas Fair
- Corporate Partner presentation

Mid-Term Week

- Case Assignment
- Corporate Partner presentation

Internship

- 3 to 6 months
- International aspect
- Challenging assignment

End-of-Year Event

- Stakeholders' Fair
- Pre-selection interviews

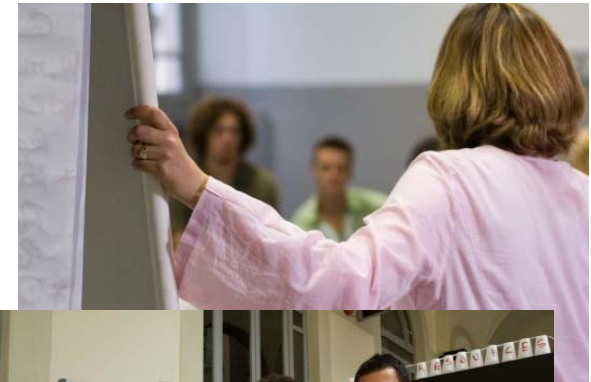
Coaching: Focus and Philosophy

During the three modules we focus on:

- Developing ability to have early professional impact
- “Standing out while fitting in”
- Increasing speed of adjustment to different people and situations
- Developing personal leadership skills and style

UNITECH Coaches work with this philosophy:

- Offering simple, short activities offering multiple learning opportunities
- Encouraging development through reflection
- Giving constructive feedback with empathy



Example of Coaching Themes in Joint Module -1

Saturday

Strengthen Diversity!

- *Examine and emphasise diverse resources in group*

Sunday

Skill yourself up!

- *Core relational skills for dealing with people*

Monday

Form the group!

- *Exercises that emphasise and define group working skills and dynamics*

Tuesday

Plan the work

- *Focusing and prioritising time and talent in order to complete a task*

Wednesday

Work the plan!

- *Putting it all into action in preparing a group task*

Thursday

Make things happen!

- *Group work on the task*
- *Delivery of the report to real clients*

Friday

Set up your UNITECH year!

Example of Coaching Themes in Joint Module-2

Monday

Reform the group!

- *Getting focused on the single task of the Case Assignment*

Tuesday

Plan the work

- *Focusing and prioritising time and talent in order to complete the Case Assignment*

Wednesday

Work the plan!

- *Putting it all into action in preparing for meeting the Case Assignment client*

Thursday

Make things happen!

- *Developing the solution to the Case Assignment for the Case Assignment clients*

Friday

Testing your assumptions!

- *Presenting your strategy and intent to the Case Assignment client*

The Case Assignment is completed by the group, who work virtually after the second module to deliver a report, which is assessed and graded for credit points towards graduation

Example of Coaching Themes in Joint Module -3

Wednesday

Who are you now?

- Participating in guided reflection on the impact of their exchange and internship experience
- Sharing best practices

Thursday

Make things happen through dialogue!

- Developing refined, persuasive communication skills

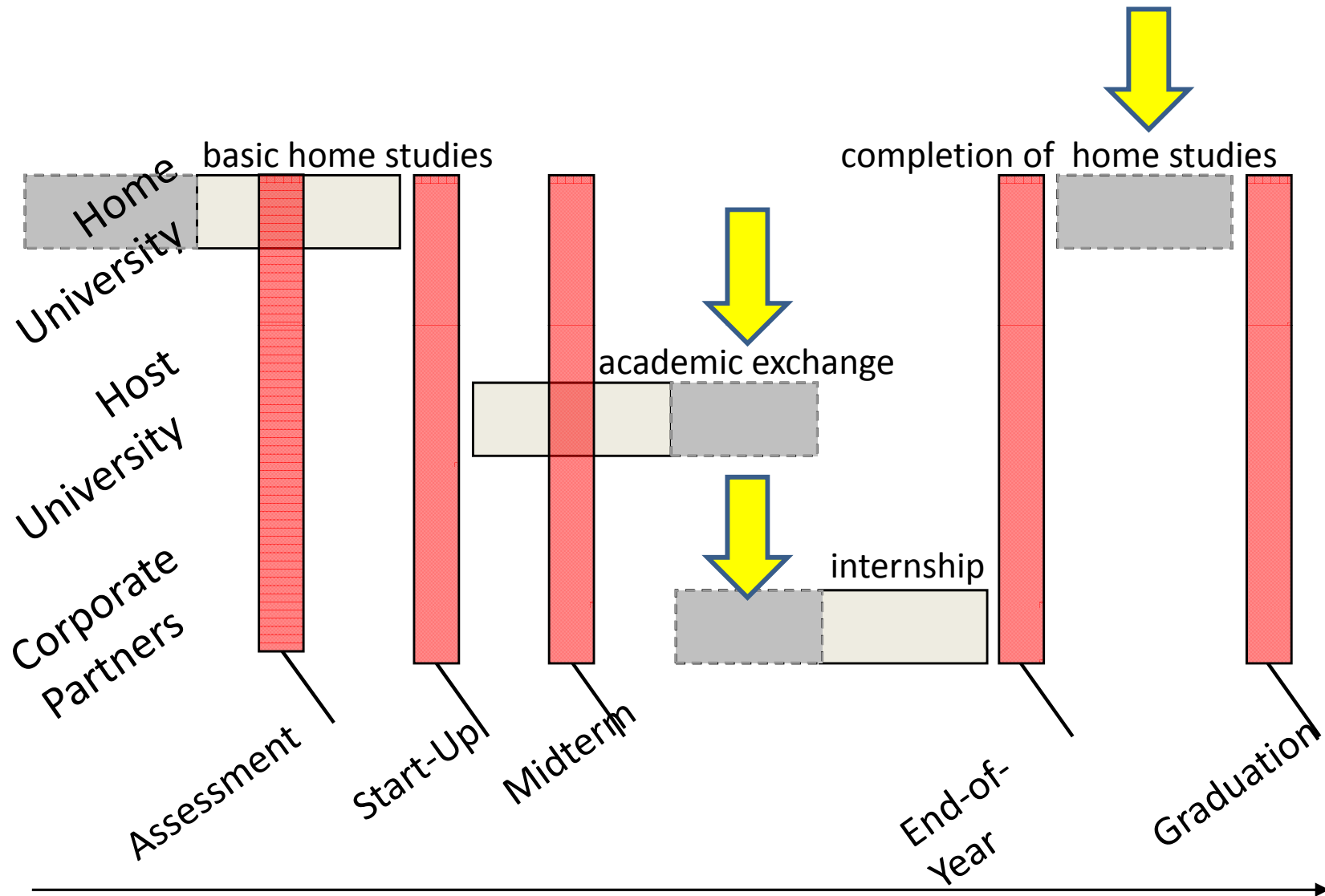
Friday

Next steps for working the network!

- Preparing individuals for career marketability and Alumni membership



UNITECH - the flexibility and variety



Who can participate? – **Eligibility (1)**

- Student of UPC in 2013-2014 (registered), of one of the participating schools/faculties: EETAC, EPSEB, EPSEM, EPSEVG, ETSECCPB, ETSEIAT, ETSEIB, ETSETB, FIB.
- Undergraduate (old programmes) or Master student. (Not Grado.)
- Pending credits for 2014-2015 (not about to finish; will be a student of UPC during next academic year).

Who can participate? – **Eligibility (2)**

- English proficiency
- Willing to have an international experience; with multiple phases and exposure, and a longer length (not only one semester).

Who can participate? – **Eligibility (3)**

Requisits específics de les escoles:

- ETSECCPB :

- Màsters: obert a tots els estudiants de màster de l'Escola (excepte Masters Erasmus Mundus) que tinguin tancat el M1.

- No s'oferirà als estudiants de Pla Vell perquè, per extinció del pla d'estudis, no dona temps. (Els estudiants d'ETSECCPB han de cursar 90 ECTS amb el programa UNITECH i, en tornar, han de fer i defensar projecte i tesina a l'Escola de Camins).

Who can participate? – **Eligibility (4)**

Requisits específics de les escoles:

- FIB:

- Els estudiants de l'antiga Enginyeria Informàtica (pla 2003) de 5 anys han de tenir pendents de cursar, com a màxim, entre 60 i 90 ECTS.

- Els estudiants de Màster han de tenir pendents de cursar, com a màxim, 60 ECTS.

When? – (1)

▪ **Academic exchange:**

- Compulsory to start it in September 2014.
- Very exceptionally :with previous authorization, in February'2015.

▪ **Placement:**

- After Midterm Week and the academic exchange.
- Usually, from February-March'2015 on.
- Depending on the placement that you will find.
- Location: not in a country of your mothertongue.

When? – (2)

▪ **Total length:**

-Minimum one year.

-Average: 1,5 year.

-Maximum length (rule): completion in a maximum of 2 academic years.

▪ Not finish your home studies (continue to be a UPC student) while you are in the UNITECH Programme. Finish it at the end.

Application

- How to apply?
 - On-line** application.
 - Register in the application tool
 - + upload the required documents (*).

- When can I apply?
 - deadline: 23rd January 2014.

- There is a **selection** process.

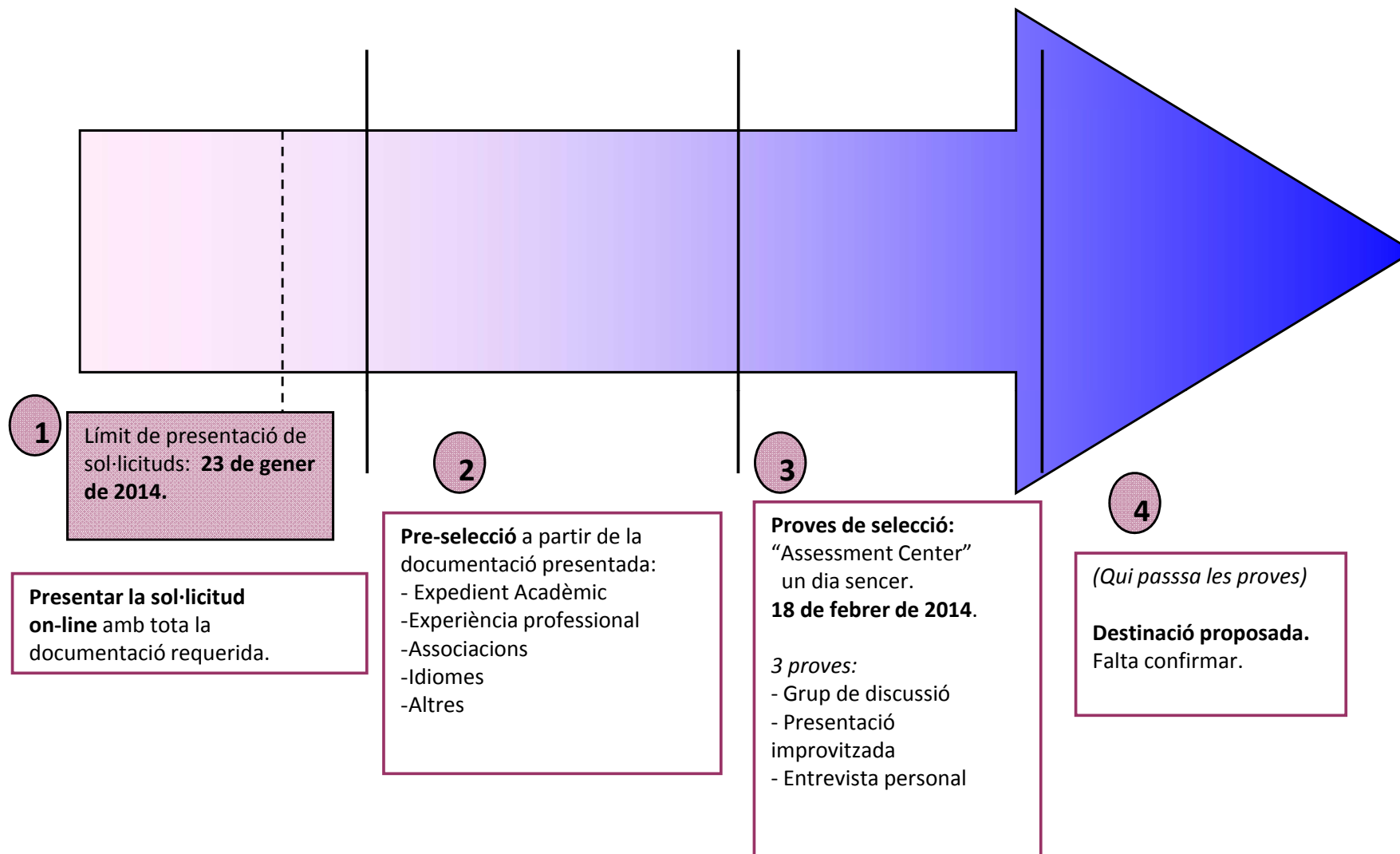
Selected Programme Participants

Selected
Applicants

Selected
Candidates

Selected
Participants

UNITECH -Selection Process



Application: until 23rd January (1)

- Register in the UNITECH website
→ obtain a login and password.
- Upload the corresponding documents (see next slides).

Application: until 23rd January (2)

- Documents:

- Transcript of records **in English.**

You can download from “e-Secretaria” (through “autorservei de documents”) your transcript of records.
Certificat de notes ECTS en anglès.

- Curriculum Vitae (CV) **in English.**

For example, you can use the Europass format.

- Certificates of language knowledge.

Official certificates, certificates of language schools, etc.

a- English knowledge.

b- If you have some knowledge of any other language (German, French, etc.), please add the corresponding certificates.

Application: until 23rd January (3)

- Please answer **in English** the questions of the UNITECH application.

-Please provide a **preliminary** (draft) study plan of the host universities selected.

It is, a draft with the list of subjects that you want to take at the host university during your exchange (if selected).
Management and/or technical subjects.

You have to go to the websites of the host universities and look for the subjects.



Application: until 23rd January (4)

- All UNITECH applications have to be done **through the on-line application** ; in the UNITECH website.
- Please **check with your home UPC school/faculty** which are the specific internal requirements.

Application and selection

Average figures of last years :

- ✓ 50 applications of UPC students (different schools)

- ✓ 18 preselected students (participated in the Assessment Center)

- ✓ 8-10 selected students

Pre-selection

- Applications will be assessed in a first phase with the documents uploaded.

- Criteria:

- Academic performance (average mark and performance –"alfa").

This is the basic criterion.

- Others :

language proficiency (English language, other languages), possible professional experience, etc.

Assessment Centre: 18th February

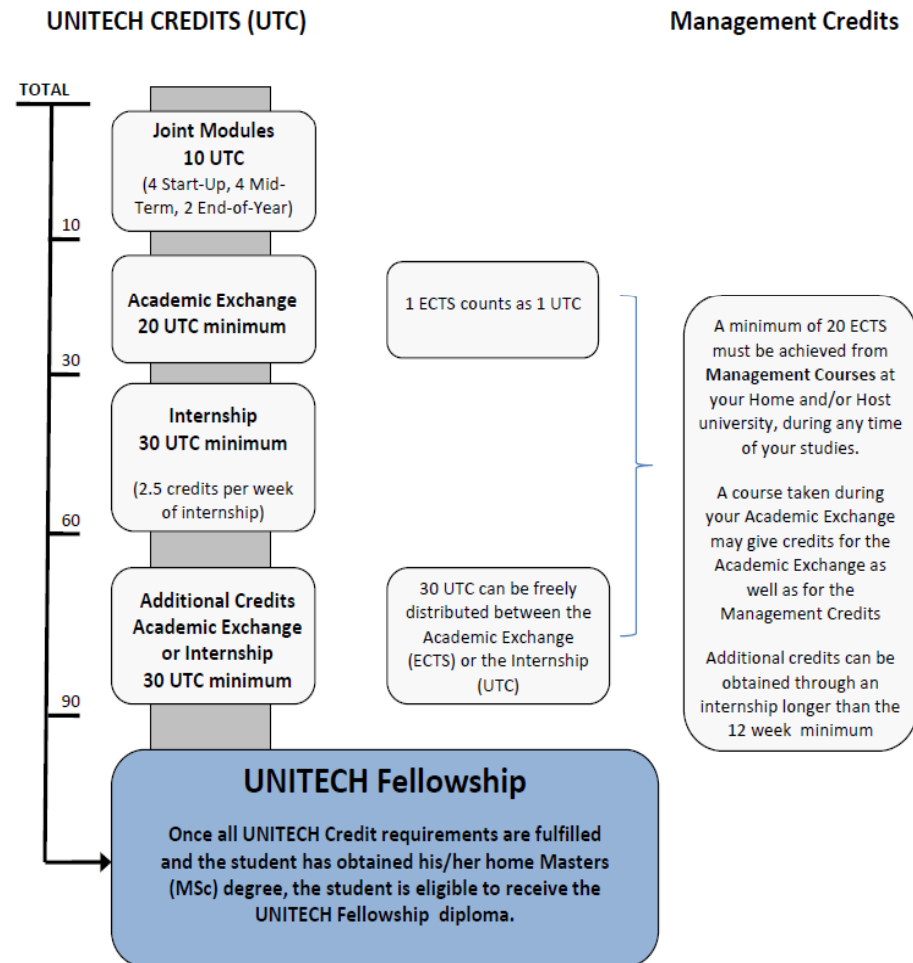
- The Assessment Centre is totally run **in English**.
- It has 3 parts:
 - (Improvised) Group discussion
 - (Improvised) Individual presentation
 - Personal interview
- The Assessment Centre is done by the assessors. These are people from the UNITECH partner companies.
- The date is not movable. Unique date. One full day.

Host university allocation

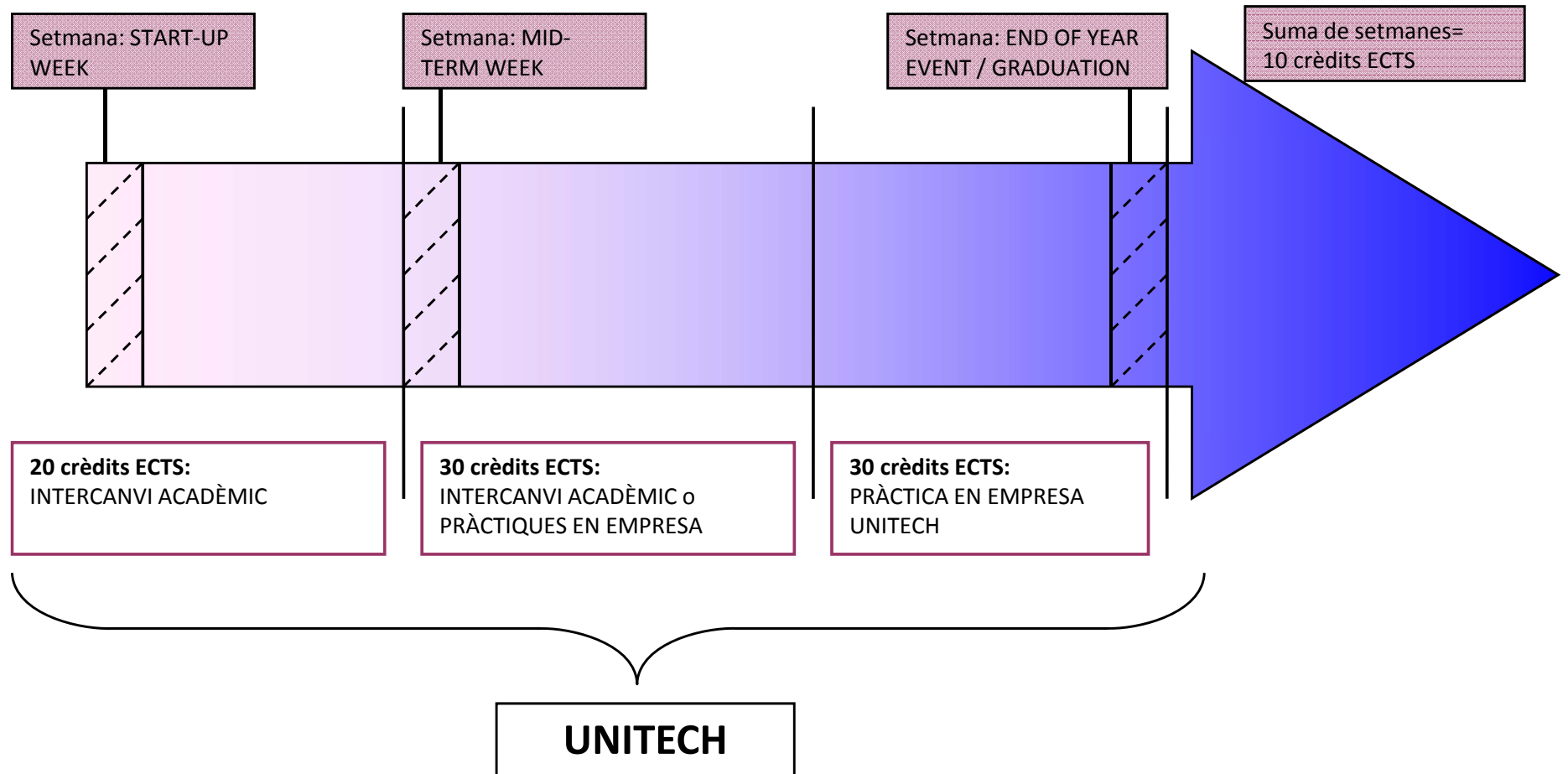
- Candidates can indicate in their application **up to 3** options as host university.
- Allocation of host university will be done after, in a second step, in the weeks after the Assessment Centre. This allocation is done by the UNITECH central coordination and with the results of all Assessment Centres of the partner universities.

UNITECH- Credits to obtain in the programme (1)

The UNITECH Credit System



UNITECH – Credits to obtain in the programme (2)



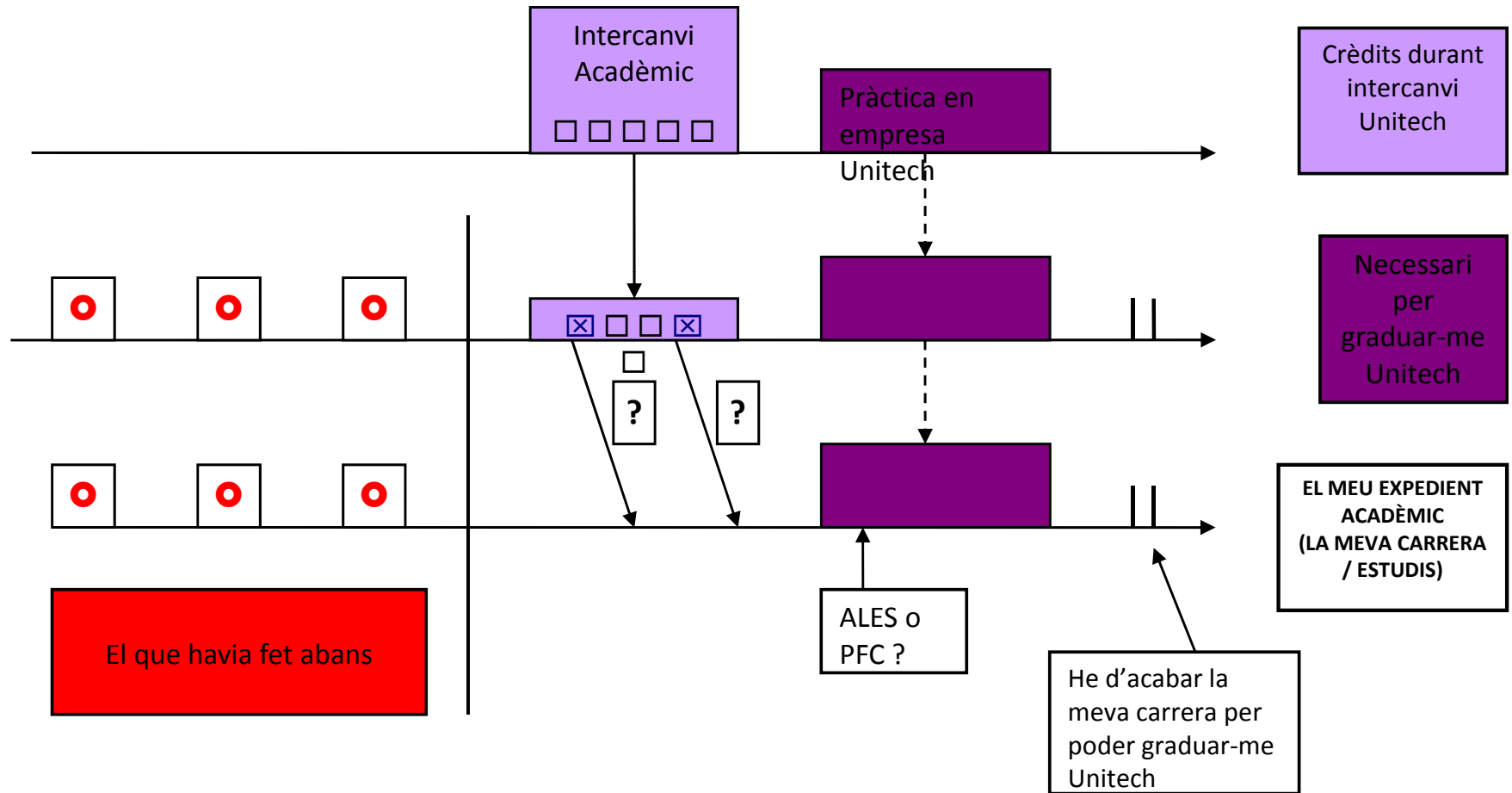
REQUISIT ADDICIONAL → Núm. mínim de crèdits Gestió (management) al final del programa: 20 crèdits.

Els mòduls intermitjos valen en total: 10 crèdits

NOTA: tots els crèdits es mesuren en ECTS. S'hauran de convertir a locals, si escau.

UNITECH – Credit recognition.

For UNITECH and for your home studies.



- = Assignatura de management a la universitat d'origen
- ⊗ = Assignatures de management a la universidad de destí



UNITECH – Important dates and website for application

- Application: until 23rd January 2014
- Where? www.unitech-international.org
- Assessment Center: 18th February 2014



UNITECH – Website and contact

- Website:

www.unitech-international.org

(Also: www.upc.edu/sri)

- More info:

mob.int@upc.edu /

berenice.martin@upc.edu



UNITECH Programme

THANK YOU !

mob.int@upc.edu / berenice.martin@upc.edu