

PROGRAMA DE DOBLE TITULACIÓN UAM-ECPM



École européenne d'ingénieurs
de **chimie, polymères et matériaux**
Université de Strasbourg

Developing talents
to promote a
creative and
responsible
chemistry in an
international
context



INFORMACIÓN UNIVERSIDAD DE ESTRASBURGO- ECPM

Towards the double degree

2/3 diploma:

- **Grado & Master of your University (UAM)**
- **Diplôme d'ingénieur de l'ECPM**
- **(+ Master of the University of Strasbourg)**

...

...

The ECPM,
a department of the

University of
Strasbourg



University of excellence

35 departments

71 research centers

57 000 students

20% international students

5 800 academic & administrative staff

A wide range of training programs covering all disciplines

ART, LITERATURE, LANGUAGES, VISUAL ARTS

Performing Arts Cross-
Culturality and Languages
Foreign Languages World
Literatures and Civilizations
Applied Foreign Languages
French Language and
Literature
Music
Language sciences

LAW, ECONOMICS, MANAGEMENT, POLITICAL AND SOCIAL SCIENCES

Economic & Social
Administration, Accountancy,
Management
Public Administration, Local
and regional authorities
Business Communication
Law
Economics & Management
Mathematics & Economics
Political Science

SOCIAL SCIENCES AND HUMANITIES

Archeology
History
Art history Geography
Urban planning Journalism
Philosophy Psychology,
educational sciences Social
Sciences Physical Activity
Studies
Catholic Theology
Protestant Theology

SCIENCES, TECHNOLOGY, HEALTH

Chemistry
Materials Mathematics
Computer Sciences Physics
Engineering Science Life
Sciences Biotechnology
Earth sciences
& environment

High level well-equipped campuses

100 buildings on 4 campuses : Central, Medicine, Illkirch, Cronenbourg



The university of Strasbourg, a research actor at international level

4 Nobel prizes in Chemistry / Medicine

Jean-Pierre
SAUVAGE
Chemistry (2016)
ECPM (1967)



Martin **KARPLUS**
Chemistry (2013)



Jules **HOFFMANN**
Medicine (2011)



Jean-Marie **LEHN**
Chemistry (1987)



1 Kavli prize: Thomas **EBBESSEN** / Nanosciences (2014)
3 CNRS Gold medals (French National Centre for Scientific Research)
15 members of the Académie des Sciences (Academy of Sciences)...



The ECPM, an international engineering school



Department of the University of Strasbourg

420 students (20% international students)

40 teachers-researchers

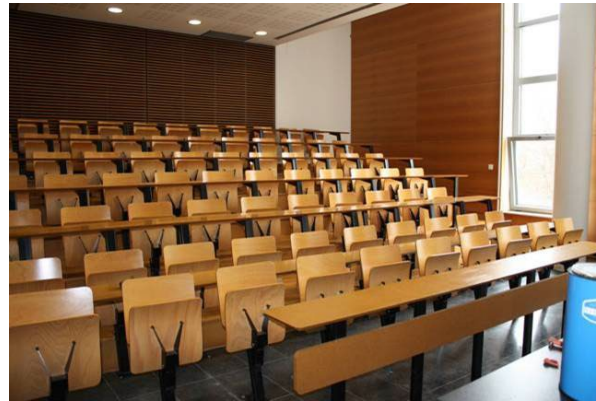
6 research laboratories

More than 300 researchers

150 PhD-students

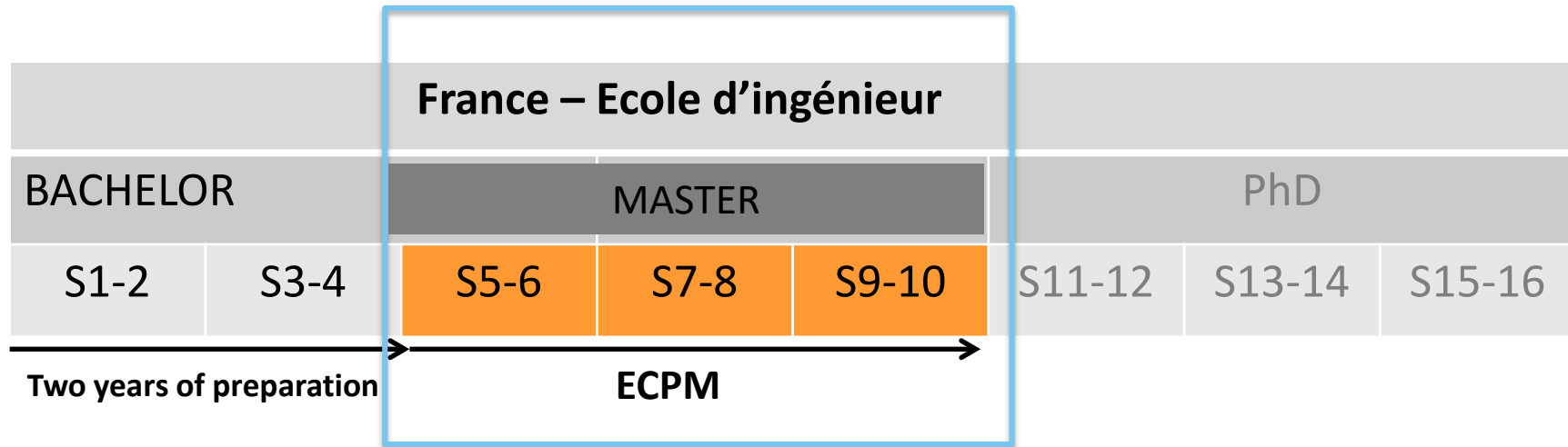
Our engineering degree is now 100 years old in 2019

Modern buildings, 20000 m², multimedia classrooms and lecture halls

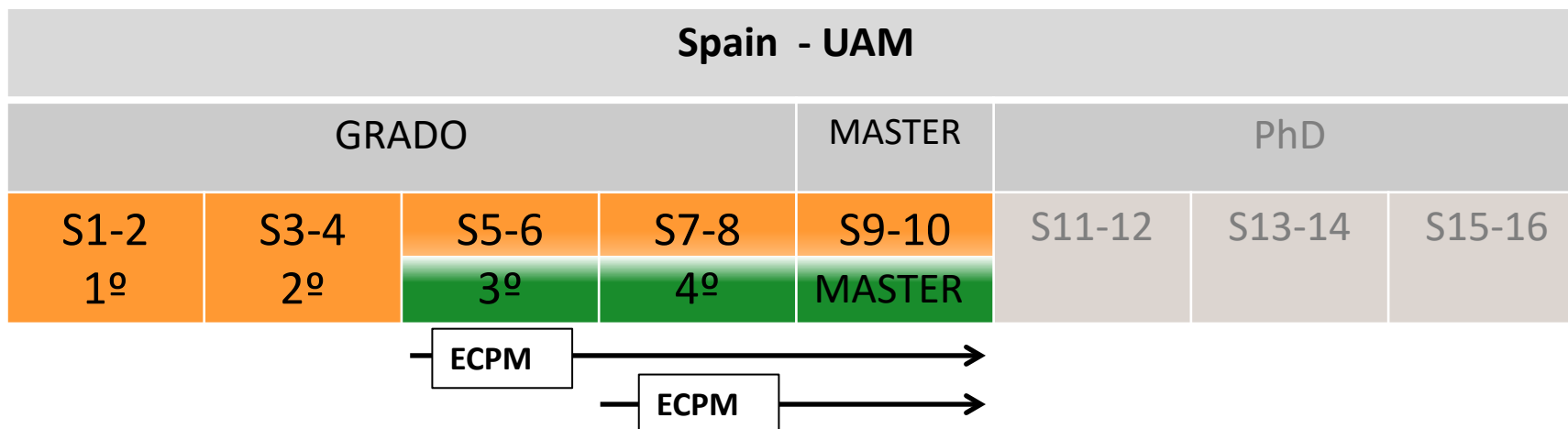
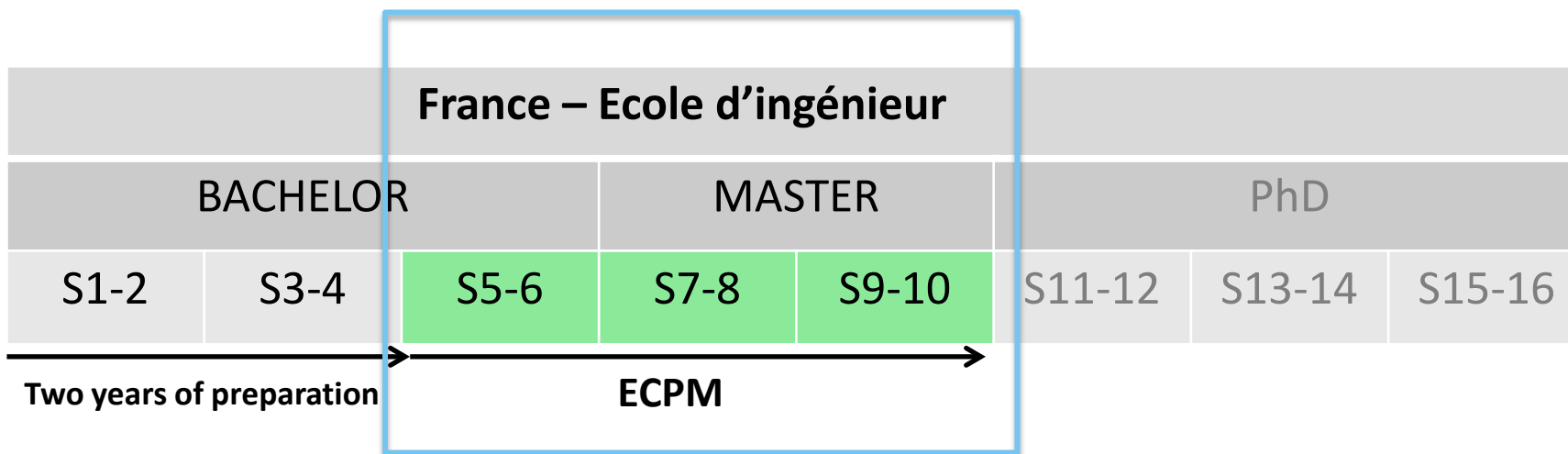


ECPM Study organisation

6 semesters (3 years)



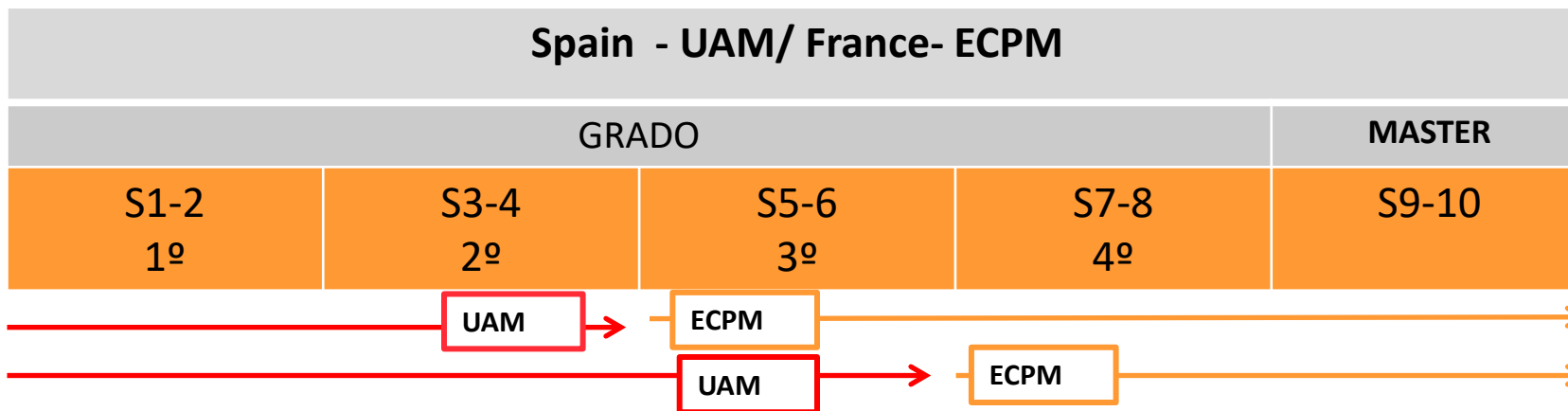
Study organisation: Double diploma



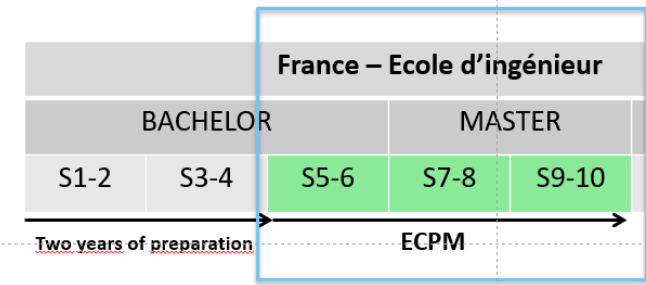
ECPM – Universidad Autonoma de Madrid

Study organisation: **2 options (UAM ofrece 5 plazas cada año)**

Double diploma : Semesters at the ECPM					
	S1-2	S3-4	S5-6	S7-8	S9-10*
1st option	UAM (120 ECTS)		ECPM (180 ECTS)		
2nd option	UAM (180 ECTS)			ECPM (120 ECTS)	



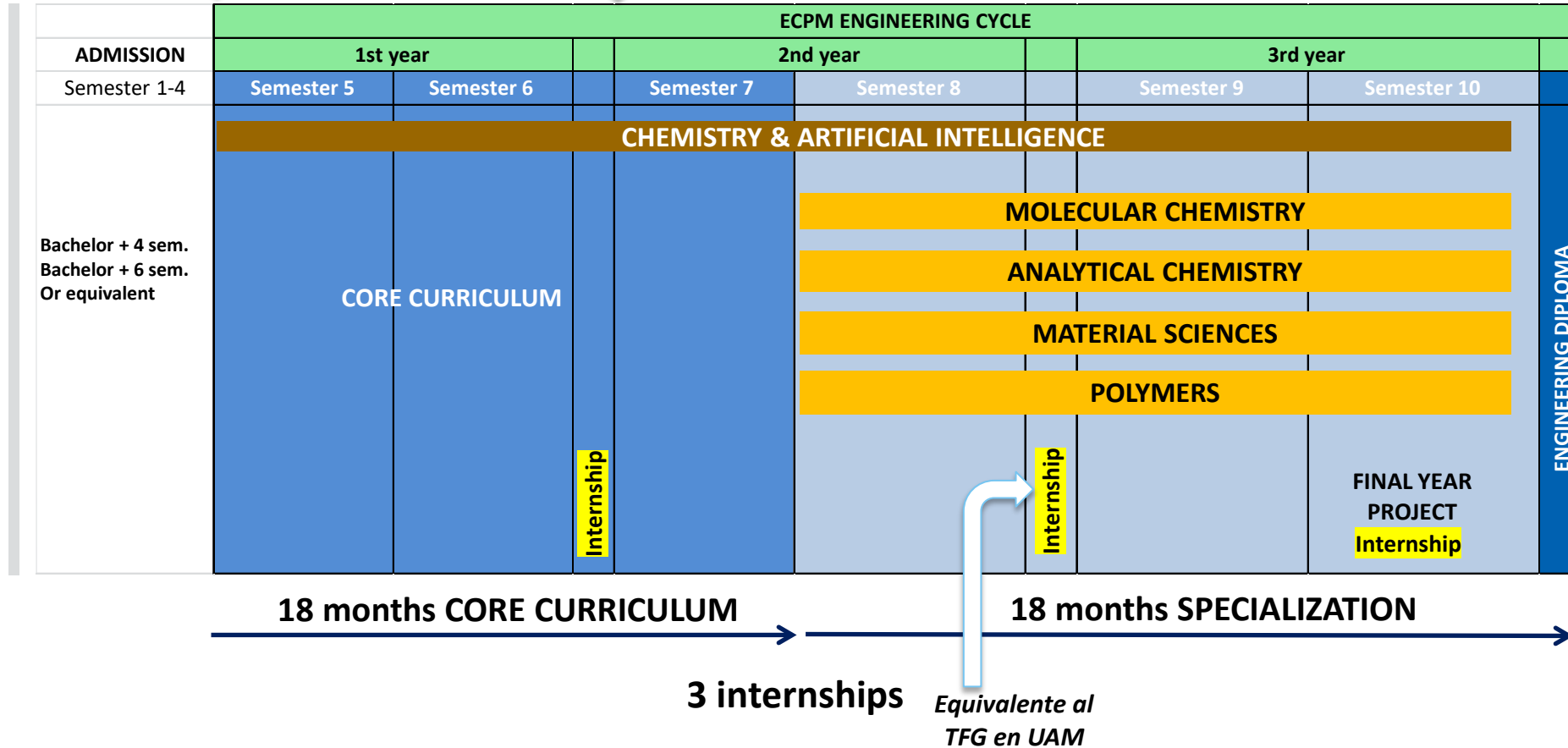
ECPM curriculum: 6 semesters (3 years)



UAM student
1st option



UAM student
2nd option



The ECPM engineering program

During a 3-year programme, the ECPM aims at **training chemical engineers with 4 specialties**

**MOLECULAR
CHEMISTRY**

MATERIALS SCIENCES

**ANALYTICAL
CHEMISTRY**

POLYMERS

Equiparación con el Master de Química Orgánica o Química Aplicada en la UAM



Molecular chemistry

Synthetic chemistry to produce high added value products (health, medicines, agrochemistry, perfume, cosmetics, food industry).

+ : Interface with biology / health

Analytical Sciences

Chemistry and physico-chemistry for the development of new analytical methods applied to the environment, health, food.

+ : Advanced analytical methods and concrete case analysis



Polymers

Chemistry, physics, physical chemistry, process engineering applied to polymeric materials of structure and function (automotive, cosmetics, electronic, biomedical industries)

+: Multidisciplinary training (chemistry, physical chemistry, process engineering) unique in Europe

Materials sciences

Chemistry and physics of functional materials, products with high added-value for electronic devices, telecommunications, optics and instrumentation.

+: fundamental basics for developing tomorrow's materials

Technical skills: lab sessions represent 40% of the programme

Strong interaction with research: courses & internships and projects in our 5 research laboratories

Industry at the heart of the programme:

- **3 internships**
- 15% of teaching is done by industrial partners

International orientation:

- Language classes: 11% the programme
- 40% of scientific lectures are in English or German; one internship has to be completed outside of France (for french students)
- The 3rd year can be spent entirely abroad (for french students)

Formalizing of a career plan: skills-based approach

Requirements (for both options)

Completion of the required years of Grado
(TENER LOS AÑOS DE GRADO EN LA UAM REQUERIDOS **TODO APROBADOS**)

Languages:

French: Minimum B1 / B2 recommended

English: B1 (B2 is required to get the Engineering diploma)

It is mandatory to have the language certification before applying for the Erasmus fellowship

Your stay at ECPM – University of Strasbourg



The ECPM – University
of Strasbourg

welcomes
exchange
students



International University House & ECPM international office

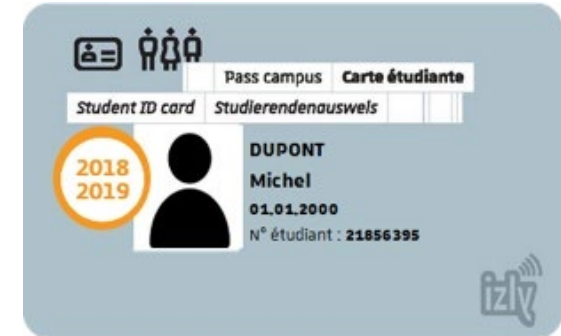
- Assistance on administrative issues
- Accommodation: room/apartment for each incoming international student
- French courses
- Integration programs for exchange students at ECPM and at university level
- Welcome day
- Cultural activities...

<http://www.unistra.fr/index.php?id=24951>

<http://ecpm.unistra.fr/en/international/studying-at-the-ecpm/>

As a student of the University of Strasbourg, you may benefit from:

- University Health Service
- Food & drink (lunch/diner ~ 3,20€)
- Culture (free entry to museums, discount cinema tickets
preferential rates for cultural events and festivals)
- Sports (60 different activities)
- Learning resources (computing services, libraries ...)



City of Strasbourg



500.000 inhabitants
Border with Germany
At the heart of Europe
(1h 40 > Paris)



Video: Studying at the University of Strasbourg
[International cooperation at the University of Strasbourg - L'international à l'Université de Strasbourg \(unistra.fr\)](#)

<http://www.unistra.fr/index.php?id=27112>





Strasbourg, an easy living city

A pioneer city in terms of respect of the environnement
The city of bicycles, trams and pedestrians





LA PETITE FRANCE





EUROPEAN PARLIAMENT



LES VOSGES

+info

Véronique Hubscher <https://youtu.be/l3kTS6CzRAg>
<http://ecpm.unistra.fr>



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partnership manager

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Testimonials:

<https://youtu.be/3XRyaB8wbHQ>

<https://youtu.be/ZPfr9OfOBOQ>

<https://youtu.be/92aC72dxeWk?si=ZZGJ8Ne0akffYms9>

