



LOCATION : LYON, FRANCE

- **European crossroads** with excellent transport infrastructure : UK, Italy, Spain, Switzerland, Germany ...
- The campus : in the historical center (a UNESCO World Heritage site) & **heart of the city**
- One of Europe's **most innovative and attractive** cities:

144,500 students
(10% international)

**Ranked
best city to
study in
FRANCE**



- a **thriving economic center** with many international firms
- **France's 2nd-largest scientific hub** world-leading clusters : automotive, biotech, chemistry & environment, audio-visual / cinema / videogame ...
- a **rich cultural offer**



ECAM LYON CAMPUS

ECAM Lyon
Campus



In the heart of Lyon



1,500
Students

6,400
Active Alumni

Student to Faculty Ratio:
1/12

- Scientific and technical education :
118 years experience in training young engineers
- A private school recognized by the State
- Founded on a strong set of **ethical values**:
 - An educational approach based on the ethics of work and merit
 - Personal guidance catered to each student
 - Vibrant school spirit and family atmosphere
- A 10-year strategic plan aiming at a larger student population (2,000 in 2025) on a renovated & extended campus
- **National accreditation of the ECAM Lyon master's degrees by the CTI** - French Accreditation Board for Engineering Degrees
- **European and North-American recognition as a master's degree** - EUR ACE & AACRO EDGE

ECAM LYON IS MEMBER OF...

■ University of Lyon

20 Higher Education Institutes



■ French Conference of “Grandes Ecoles”

- Rigorous admission process
- High standards of academic & personal excellence
- Strong links with industry and business



■ International network of LaSalle universities

1,500 institutions (incl. 72 universities)
in 82 countries



■ Groupe ECAM

4 schools of engineering in France
1 in Belgium (ECAM Brussels)



Our key criteria ?

- Employment
- Excellence of teaching
- Student support
- Partnership with companies
- International perspectives



1st Prize of French Engineering
Schools for student support



l'Etudiant

1st / 168 French Engineering
Schools
for business links



Bureau Veritas Labelling
Excellence and support to students

2

5-year combined undergraduate / graduate programs

- “**ECAM Arts & Métiers**” - General Engineering (Master’s Degree)
- “**ECAM Engineering**” - Mechanical & Electrical Engineering - *taught entirely in English* (Master’s Degree)

5 concentrations: Engineering Design, Product Design, Robotics & IT, Energy Engineering, Industrial & Supply

3

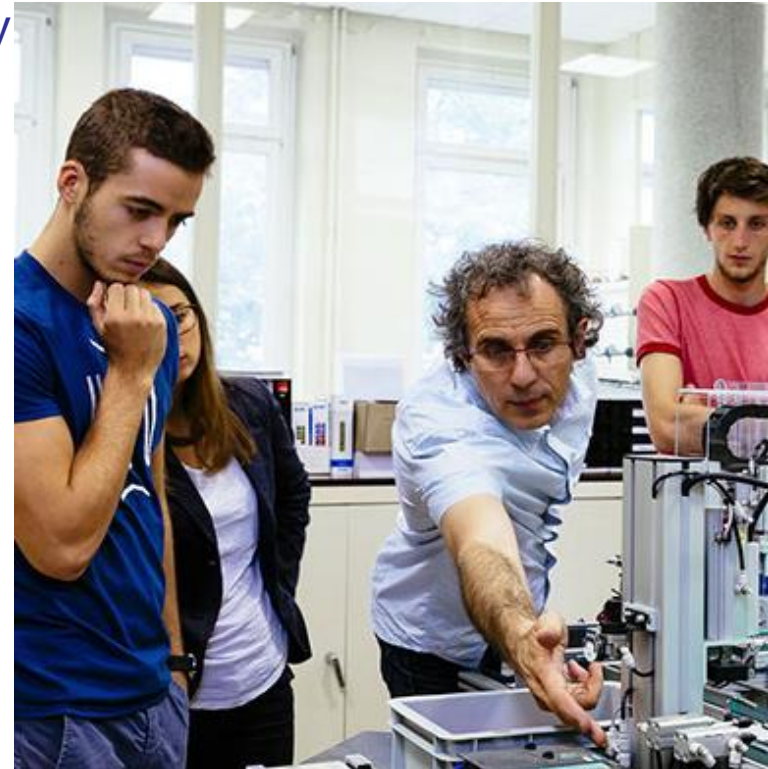
Part-time Master’s programs with a specialization

- Mechanical & Industrial Engineering
- Energy, Exploitation & Maintenance
- Wood Construction, Energy & Logistics

1

Advanced Master’s program

- Lean Management



CROSS-CURRICULAR EDUCATION



Materials & Structures

Calculation &
sizing of structures,
innovative materials,
solid mechanics



Energy

Electricity,
Thermodynamics,
Renewable energy,
Energetic performance
Fluid mechanics ...



Industrial Management

Industry 4.0 : the factory of tomorrow,
Lean management,
supply chain, health & safety at work ...

IT & Automation



Computer science, networks and
cyber-security, automated and **robotic**
methods, connected objects

Humanities & professional development



Entrepreneurship

leadership
project management,
Ethical awareness and commitment,
languages,...



RESEARCH WITH ACADEMIC & INDUSTRIAL PARTNERS

14 co-directed PhD projects
and **15 to 20** publications
(Average per year)



- **4 main fields of research**
 - Energetic behavior of mechanical transmissions
 - Thermal machine regulation
 - Thermochemical treatment, powder injection molding of charged polymers
 - Operational excellence
- **Doctoral school** with the Université de Lyon
- **LABECAM** is a member of the **Carnot Institute I@L** (Ingénierie@Lyon)

A STRONG INTERNATIONAL NETWORK

84
partner
universities
worldwide

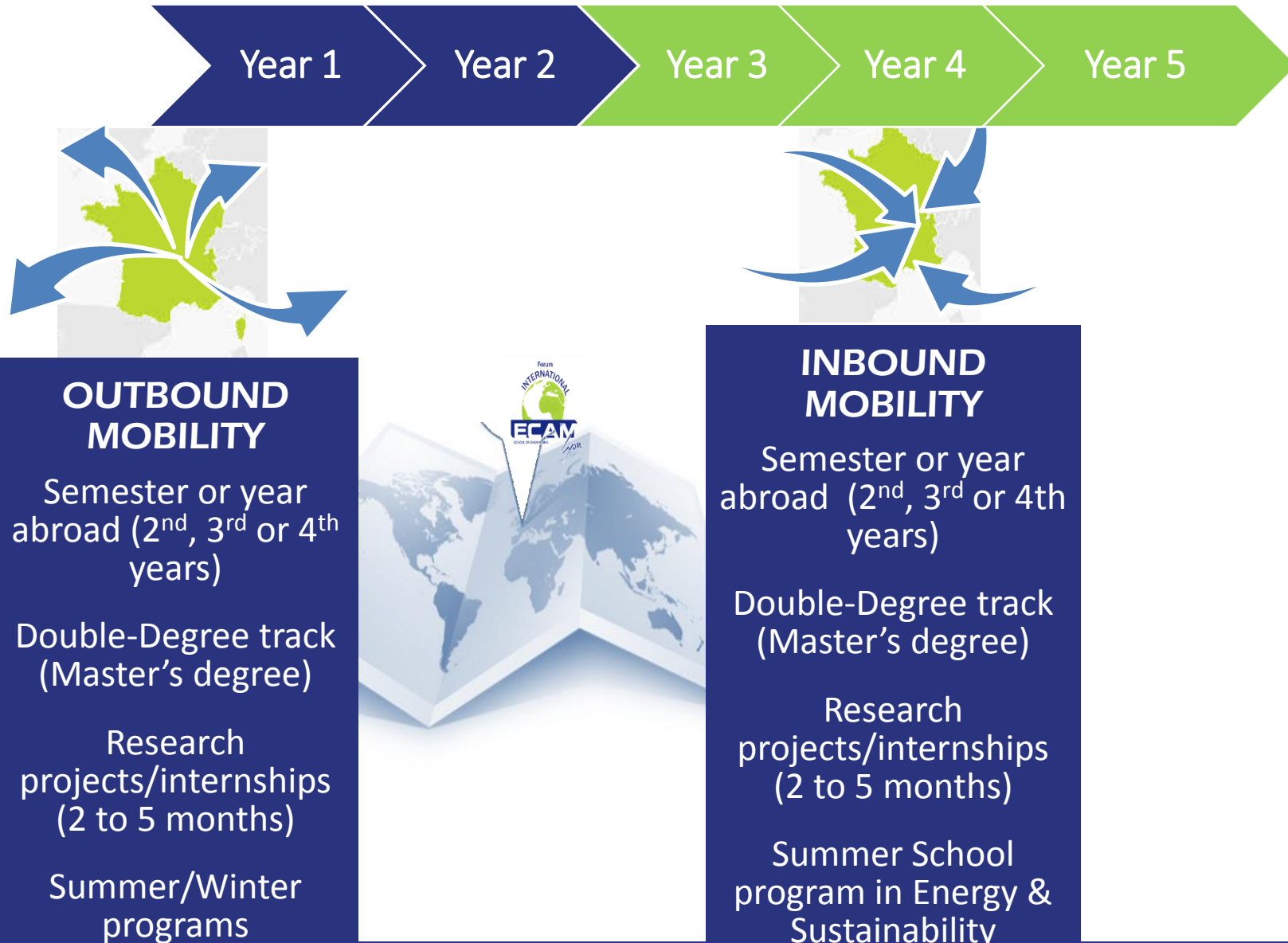


12 foreign languages
taught



30 different
nationalities





ECAM "Arts & Métiers" : Master's Degree in General Engineering

**Full time Program
(300 European ECTS credits)**



Master's degree in General Engineering : program overview

A multidisciplinary program with a project-based approach

Years 1 & 2
Undergraduate program

Years 3 & 4
Core engineering program for all students

Year 5
Concentration through focus seminars and R&D projects

- Mathematics
- Physics
- Introduction to engineering sciences
- Languages

Scientific and technical training based on
Electromechanical Engineering 35 %

Additional engineering fields
(**Industrial Management, Materials Science, IT, Design**)
33 %

Organizational and managerial techniques
(Languages, Humanities and social sciences) 32 %

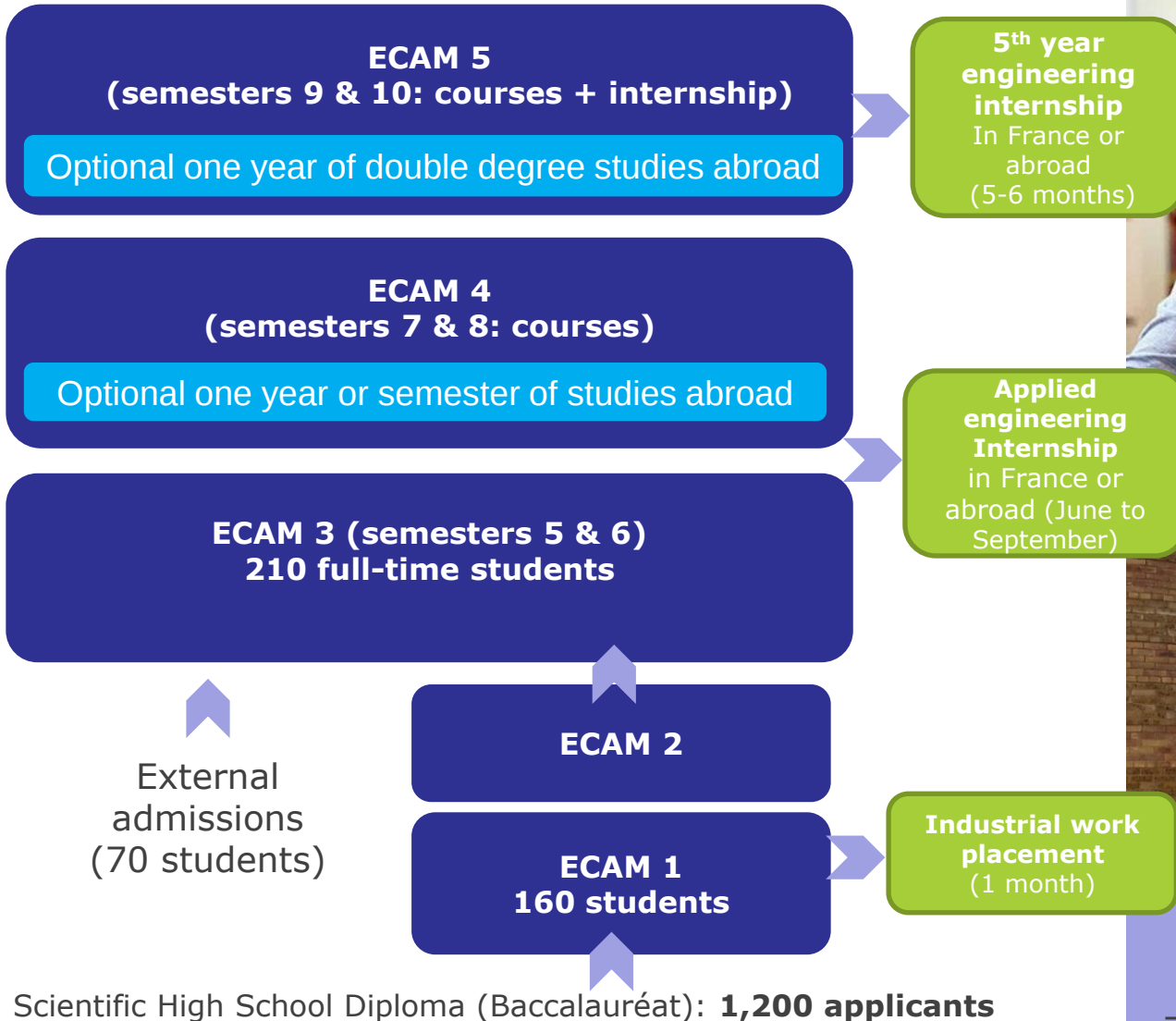
Research and Development Project Designed in collaboration with client companies 47%

Professional skills
Personal Development + Entrepreneurial projects
Business & Technical English
29 %

Scientific & Technical Focus
on one area of engineering
24 %

3 internships: 10 months, in France or abroad

Master's degree in General Engineering: structure



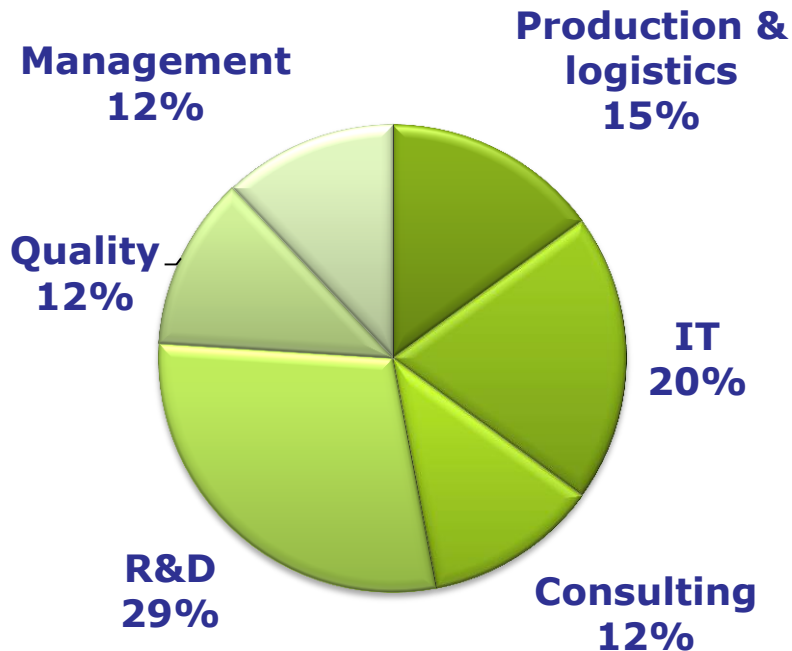
Tuition fees in 2018/2019:
2,400 €/year in Years 1 & 2
7,400 €/year in Years 3, 4 & 5

JOB OPPORTUNITIES for ECAM Lyon general engineers

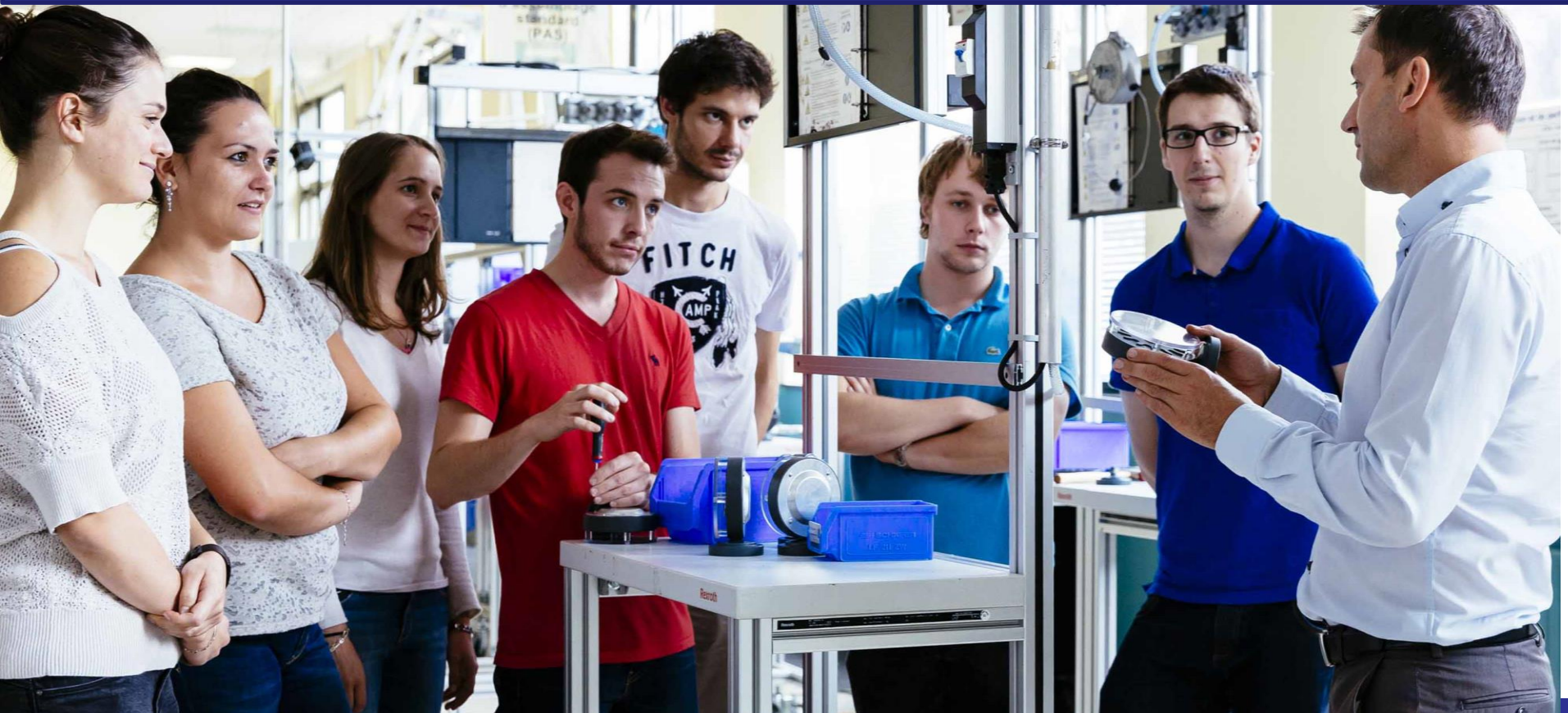
**A wide range of jobs in all
fields of engineering:**

**5 weeks of job
search** on
average

First job abroad
= 28% of graduates



“ECAM ENGINEERING” : Master’s Degree in Mechanical & Electrical Engineering taught in English Full time Program (300 European ECTS credits)



■ **Pluridisciplinary Program**

In-depth courses in fundamental and engineering sciences + Humanities program that promotes personal, professional, and managerial development

■ **Numerous practical activities and projects**

often based on real-world industry examples, fostering innovation and autonomy

■ **Double-Degree Program** for all engineering students: ECAM Engineering Degree + MSc (specialization)

■ **Personalized academic pathways**

Each student benefits from a personalized support system to define their own academic path and career goals.

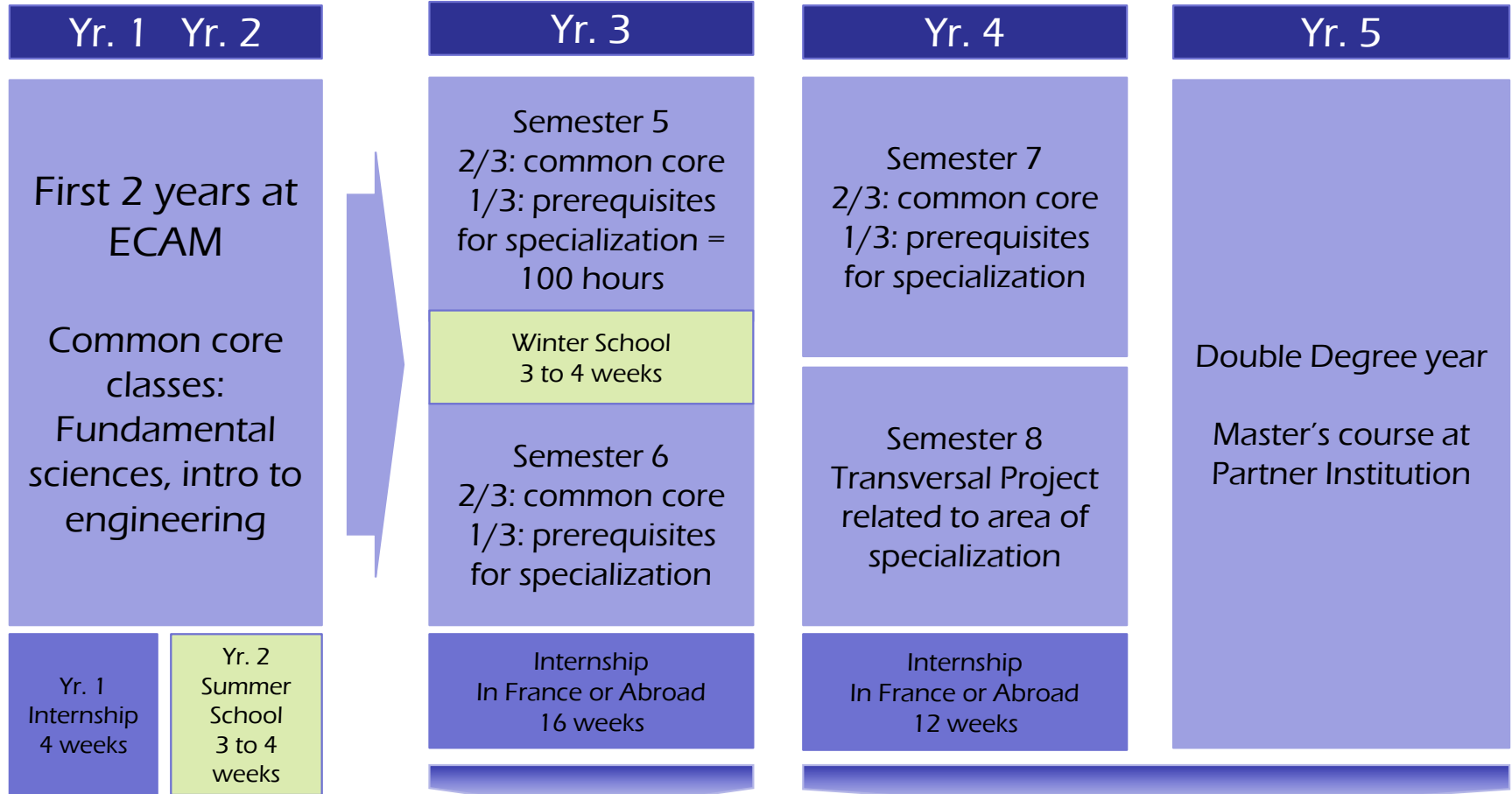
■ 2018/2019 tuition fees: €6,800/year (years 1 to 3), €8,500/year (year 4 & 5)



1st engineering program in France with all 5 years **entirely in English**



ECAM ENGINEERING: STRUCTURE



Students select from modules according to their chosen area of specialization

5 areas of specialization

- Energy Engineering
- Engineering Design
 - Product Design
- Industrial & Supply Chain Management
 - Robotics & IT

Humanitarian



25 clubs
and
associations



Technology



Sport



Culture

Kindness **Drive** **Enthusiasm**
Sharing **Responsibility** **Professionalism**
Team spirit **ECAM Lyon Engineer** **Initiative**
Passion **Generosity** **Commitment** **Rigor**
Solidarity **Perseverance** **Tenacity**
Imagination

