

# École Polytechnique



## INTERNATIONAL ADMISSIONS

« INGENIEUR POLYTECHNICIEN »  
AN ADVANCED MASTER  
IN SCIENCE & TECHNOLOGY

[www.polytechnique.edu](http://www.polytechnique.edu)

2012

# « INGENIEUR POLYTECHNICIEN » CURRICULUM FOR INTERNATIONAL STUDENTS

## Per year enrolment

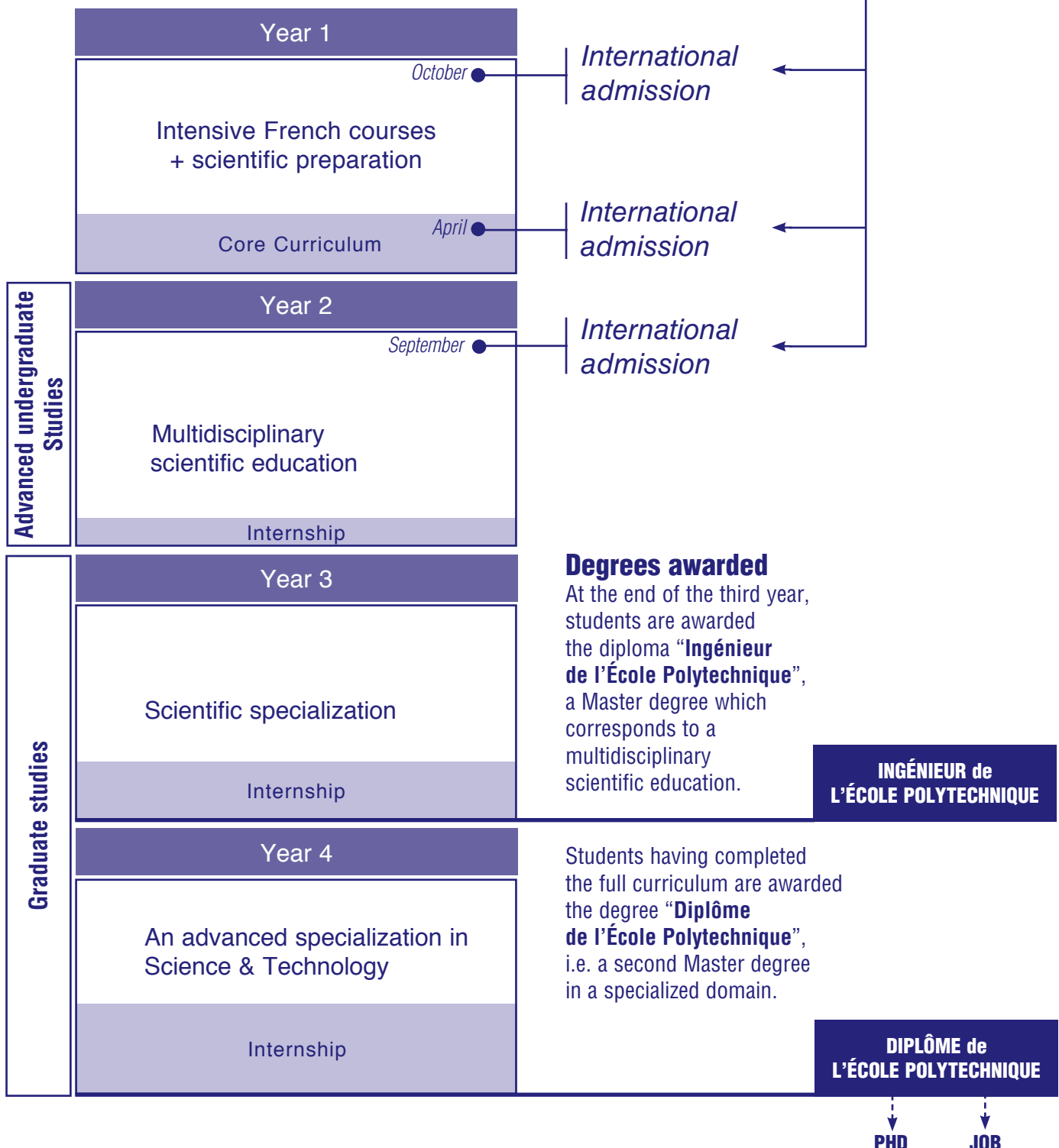
400 French students  
100 International students

## Duration of studies

2, 3 or 4 years  
for international students,  
depending on the admission date

## IN YOUR HOME UNIVERSITY

2 to 3 years  
of undergraduate studies  
in Science or in Engineering



# Looking ahead in a global world

**École Polytechnique** is dedicated to training high potential scientists and future executives at an international level.

**The École Polytechnique** curriculum provides:

- A multidisciplinary scientific education at the highest level
- Courses in the Humanities and Social Sciences
- Professional know-how, acquired through a series of internships and based on strong scientific background, leading to a career either in the corporate world or in academic research.

International students graduating from École Polytechnique will be part of an international network of highly qualified people who will plan and implement major scientific, economical and technical projects in the future.

École Polytechnique recruits among the best students having completed two to three years of undergraduate studies in Science or in Engineering.

In the first part of the program, general education focuses on multidisciplinary, in-depth scientific training. During this period, a student is required to master at least six different subjects among: Mathematics, Mechanics, Applied Mathematics, Chemistry, Computer Science, Biology, Physics, Economics.

In the second part of the program, students choose a specialization among a wide range of domains, spanning from theoretical subjects mentioned above to more applied fields such as Engineering Mechanics, Energies of the XXIst century, Electrical Engineering, Complex Computerized Systems, Engineering and Innovation Technologies, Ecosciences, Financial Mathematics...

Courses are mainly given in French.

# ADMISSION PROCEDURE FOR INTERNATIONAL STUDENTS

## Application requirements

Candidates must be under 26 years of age on January 1, 2012.

Candidates must have completed 2 to 3 years of undergraduate studies in Science or in Engineering.

An excellent command of Mathematics is a key to success.

Candidates cannot be French citizens.

Candidates cannot apply more than once.

No knowledge of the French language is required for applications.

## Calendar

On-line application deadline: October 1, 2011

Paper documents must be received by October 11, 2011

Eligibility to examinations: notification in November 2011

Examinations: from November 21<sup>st</sup> to December 2<sup>nd</sup>, 2011

Admission notification: end of December 2011

## Eligibility

Academic records, statement of purpose and letters of recommendation together determine the eligibility of a candidate to be examined.

## Examinations

**Location:** in France or abroad.  
(depending on residency of candidate)

**Language:** Examinations can be conducted in French or in English.

Four examinations are given:

1. A written test in Mathematics and Sciences
2. An oral examination in Mathematics
3. An oral examination in Physics
4. An oral examination in General scientific knowledge: an interview focusing on the analysis of scientific documents and the candidate's motivation.

Admission criteria include both the quality of the candidate's academic records and his or her results in the examinations.

## Tuition fees

International students from outside the European Union should pay tuition fees.

Scholarships covering tuition fees and/or living expenses are offered to outstanding students.

**Apply on-line by October 1, 2011 at:  
[www.polytechnique.edu](http://www.polytechnique.edu)**