



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

School of Engineering  
UNIVERSITY OF PADOVA

# University of Padova

# School of Engineering

**Excellence in education since 1876**

<http://www.ingegneria.unipd.it>

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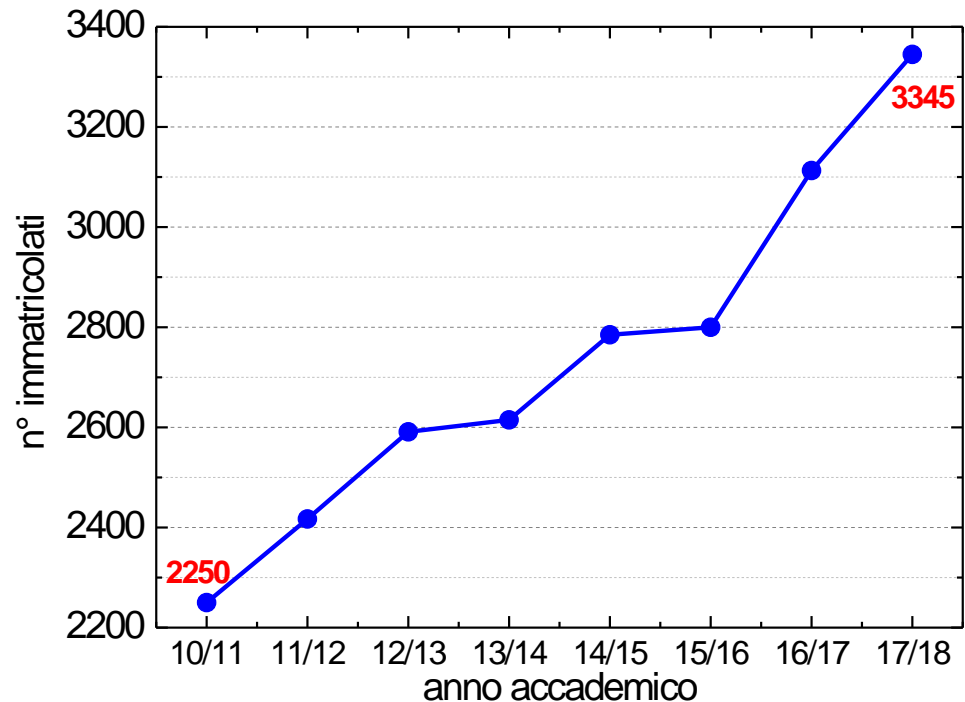


**3113** new enrolments in the 1<sup>st</sup> level programs in a.y. 2016/17

**+1095** new enrol/yr  
vs. 2010/11 (+49%)

**12206** students in total in  
a.y. 2016/17 (~20% of entire UniPD)

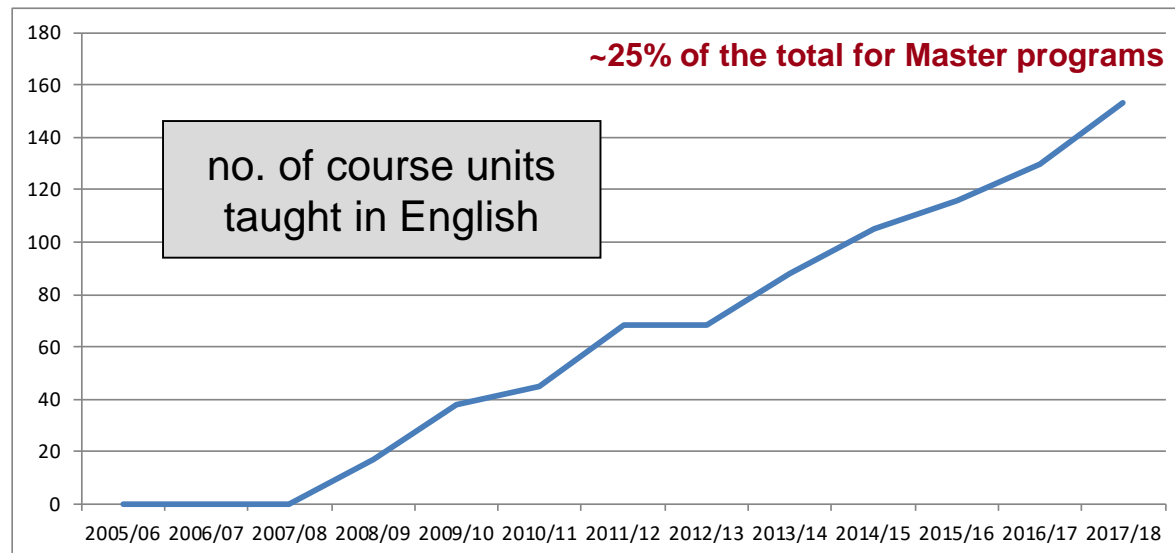
– of which **2422** women  
(20% of total, one of the largest in EU)





**153** course units taught in English (see <http://en.didattica.unipd.it/catalogues/2017/IN>)

**3** Master degree programs taught entirely in English



**245** Master's students in International mobility per year



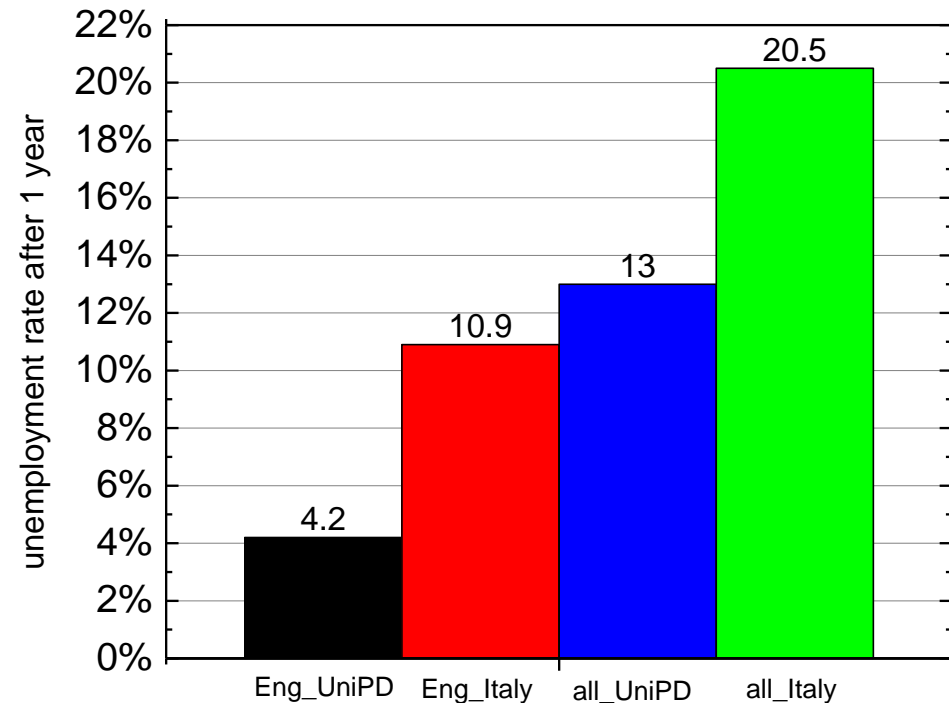
**900** traineeships/year in  
companies, of which:

- 700 for students
- 200 for laureates

**2.6** months

- time to first job for senior engineers

### Unemployment rate for senior laureates



(source: AlmaLaurea, 2017 analysis)



- **All branches** of engineering covered
  - Industrial
  - Information
  - Civil & Environmental
- **13 Bachelor** degree programs (first-cycle degrees or *Laurea*)
  - 3 years
- **18 Master** degree programs (second-cycle degrees or *Laurea magistrale*)
  - 2 years
- **1 single-cycle degree** program
  - 5 years
- **8 Ph.D.** programs (*Dottorato di ricerca*)
  - 3 years
- **several Lifelong post-graduate learning programs**
  - typically, 1 year after 1<sup>st</sup> or 2<sup>nd</sup> cycle degree



## Industrial Engineering

- Aerospace Engineering
- Chemical and Materials Engineering
- Energy Engineering
- Engineering and Management
- Mechanical Engineering
- Product Innovation Engineering

⑥

## Information Engineering

- Biomedical Engineering
- Computer Engineering
- Electronic Engineering
- Information Engineering
- Mechatronic Engineering

⑤

## Civil & Environmental Engineering

- Civil Engineering
- Environmental and Land Planning Engineering

②



## Industrial Engineering

- Aerospace Engineering
- Chemical and Process Engineering
- Civil and Industrial Safety Engineering
- Electrical Energy Engineering
- Energy Engineering
- Engineering and Management
- Materials Engineering
- Mechanical Engineering
- Product Innovation Engineering

⑨

## Information Engineering

- Automation Engineering
- Bioengineering
- Computer Engineering
- Electronic Engineering
- ICT for Internet and Multimedia\*
- Mechatronic Engineering

⑥

## Civil & Environmental Engineering

- Civil Engineering
- Environmental Engineering\*
- Mathematical Engineering\*
- Building Engineering and Architecture (*single-cycle program*)

④



- Civil and Environmental Engineering Science
- Fusion Science and Engineering
- Industrial Engineering
  - *Chemical and Environmental Eng.*
  - *Mechanical Eng.*
  - *Materials and Biomedical Eng.*
  - *Thermo-mechanical Energy Eng.*
  - *Electrical Energy Eng.*
- Information Engineering
- Management Engineering and Real Estate Economics
- Mechatronics and Product Innovation Engineering
- Science and Engineering of Materials and Nanostructures
- Space Sciences, Technologies and Measurements





- **2 Campuses**
  - Padova and Vicenza
- **4 Engineering Depts + 2 Basic Sciences Depts**
  - Civil, Architectural and Environmental Engineering (ICEA)
  - Engineering and Management (DTG)
  - Industrial Engineering (DII)
  - Information Engineering (DEI)
  - Mathematics
  - Physics and Astronomy
- All degree programs are designed and managed by the Engineering Dpts.



- All degree programs are involved in student international **mobility programs**
  - virtually all Europe is covered (**Erasmus Plus** and **TIME** (Top Industrial Managers for Europe) programs)
    - typically, 6-month stay in the foreign Institution
    - the aim is to take exams or carry out the final thesis in the hosting institution
  - bilateral agreements with several other Countries
    - USA
    - China (CSC)
    - India
    - Brazil (*Science without Borders*)
    - Australia
    - Japan
    - ...



- Two semesters with classes and exam sessions.  
Typical schedule (subject to changes):
  - **First semester:** October 1 – February 28
    - Classes: September 25 – January 15
    - Exams: January 16 – February 28
  - **Second semester:** March 1 – July 20
    - Classes: March 1 – June 10
    - Exams: June 11 – July 20
- One extra exam session
  - August 20 – September 21
- Thesis/final project: close collaboration with research labs and industries (*internships*)
  - may start at any time throughout the year