



# AGROCAMPUS OUEST, Angers Centre

*Higher Education and Research*

## HORTICULTURE

## LANDSCAPING

AGRO  
CAMPUS

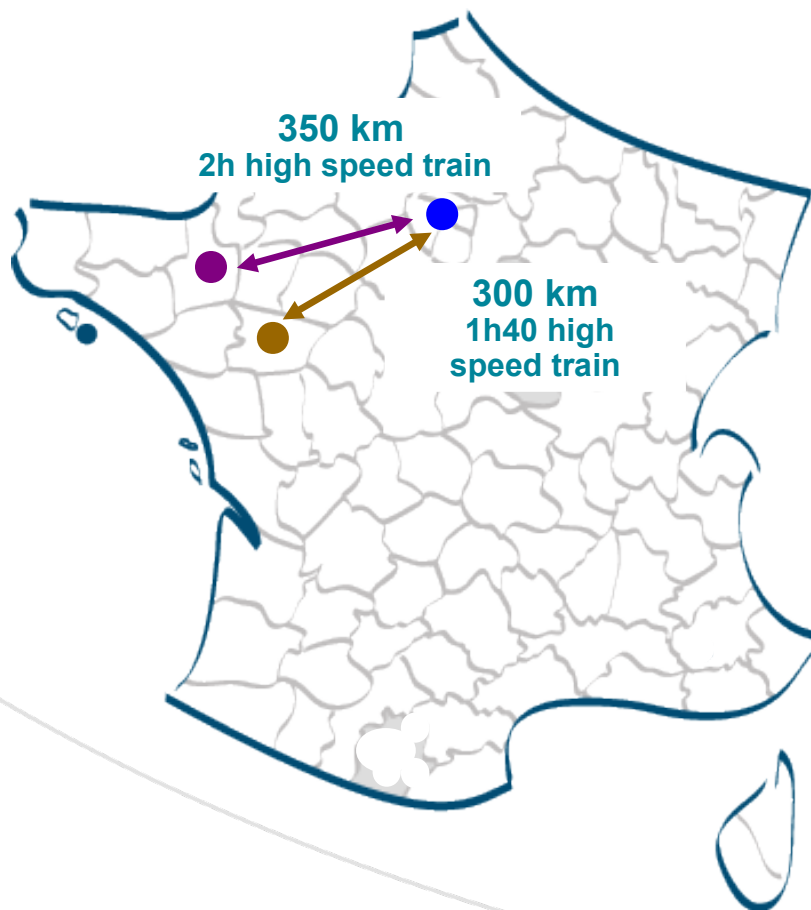
OUEST

CENTRE D'ANGERS

Institut National  
d'Horticulture et de Paysage



- Rennes
- Angers
- Paris



Fr m f t l f n

In the heart of the number one European region for food and agriculture, **AGROCAMBUS QUEST** has a programme with a unique range of subjects and themes.

**AGROCAMBUS QUEST** is able to deliver Masters degrees for:

- Horticultural Engineer
- Agribusiness Engineer
- Landscape Engineer
- Agronomy Engineer

These degrees are equivalent to an M.Sc. In conformity with the European harmonisation for diplomas.

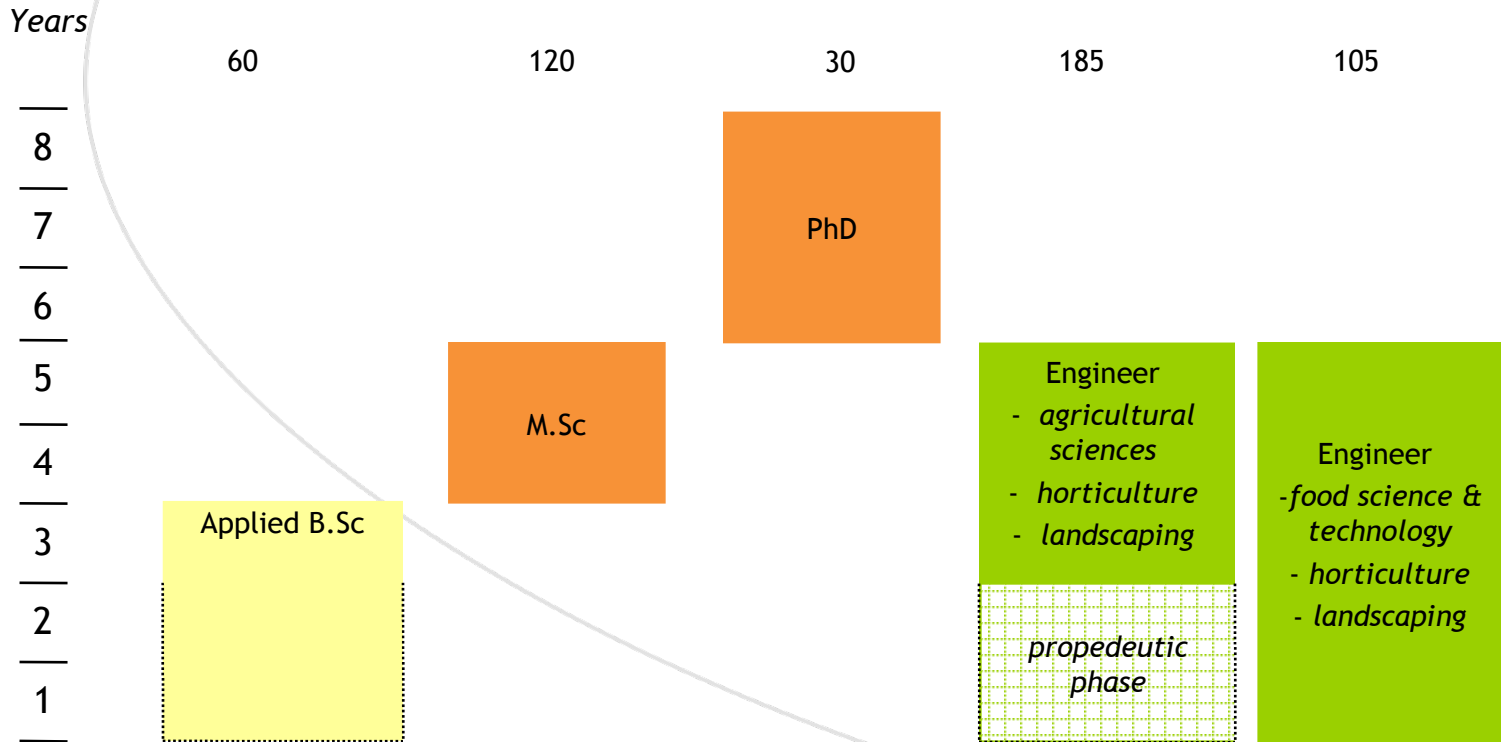
- A brand new institute founded by two Graduate Institutes in Sciences and Engineering:
  - Agrocampus Rennes
  - National Institute of Horticulture and Landscaping (Angers)
  
- The only institute in France offering such a wide choice of training courses in the field of Life Sciences up to PhD
  
- 150 researchers – 350 scientist partners (joint research units)
- 11 teaching and research departments
- 1,650 students
- 2 centres
  - Rennes (agriculture, food, life sciences)
  - Angers (horticulture, landscape engineering)

- An active participant in Centres of Excellence (GIS Pôle Ouest)
- In a major agricultural region in Europe
- Member of a hub of competencies in Western France
  - Pôle Mer Bretagne
  - Valorial, l'aliment de demain
  - Végépolys
- Founding member of the European University of Brittany
- certified ISO 9001:2000  
for all activities in education and research

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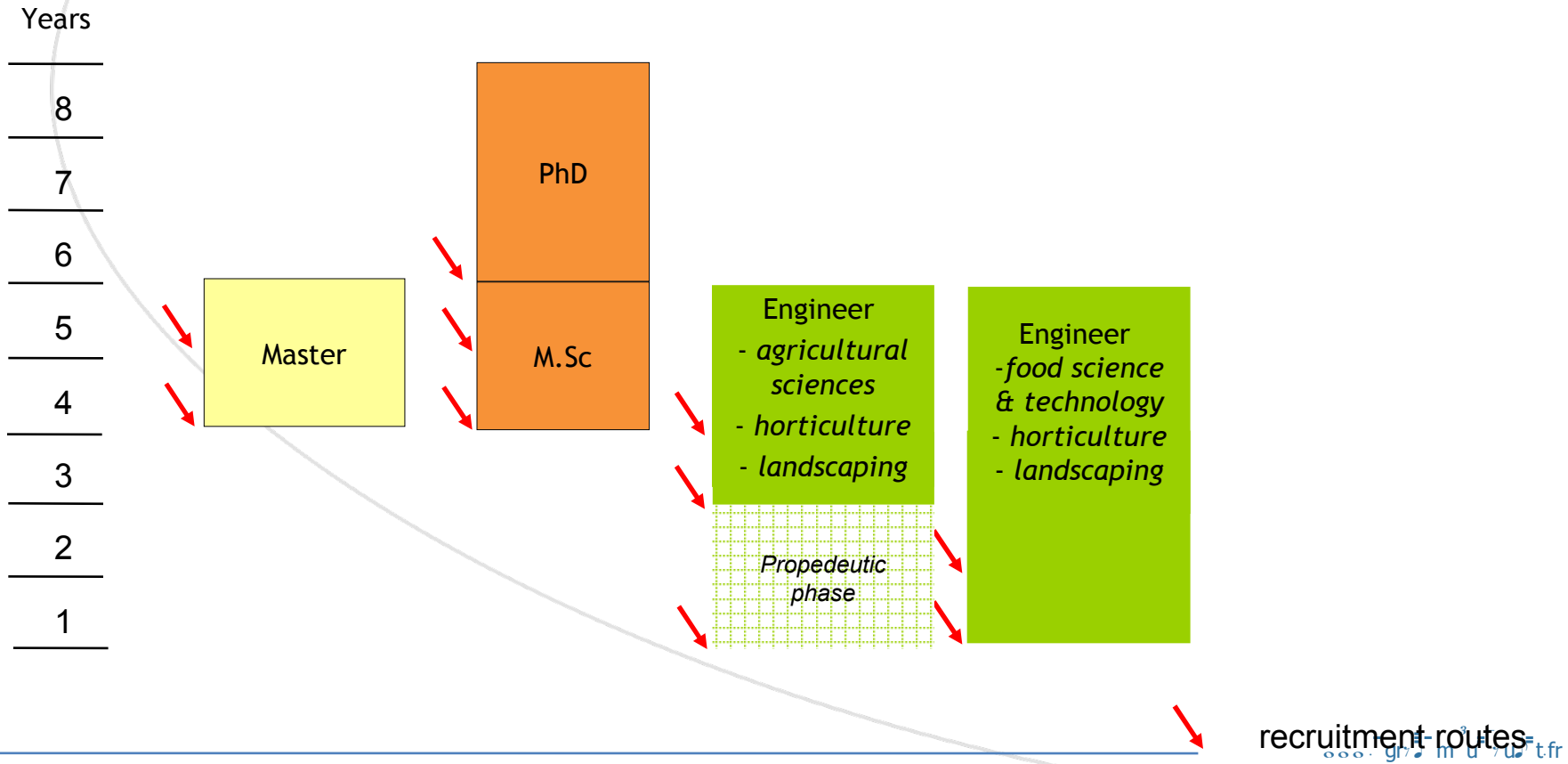
Total number of graduates per year = 500

Outgoing student flow per year (number of graduates)



Secondary education (age 18 - *Baccalauréat* diploma)

# Recruitment routes for foreign students at AGRO CAMPUS OUEST



## International dimension in degree programmes

### 3 main priorities:

⇒ **Pedagogical organisation** adapted for foreign student mobility and exchanges: European Credit Transfer System (ECTS), academic year divided in two semestres, each semestre divided into shorter periods (approx. one month duration).

⇒ **Two compulsory foreign languages**: English and another language (German, Spanish)\* - total ECTS credits per year: 4 to 8

⇒ **Compulsory mobility abroad** for French students, mainly in semester 7 (internship in a company or mobility in a foreign university).

(45 % of students participate in an interuniversity exchange programme)

\* other languages may be offered upon request

## Participation in International Education Programmes

### European programmes

- > **Socrates / Erasmus (since 1988)**: student and teaching staff mobility, intensive programmes, curriculum development programmes
  - > **Leonardo (since 1984)**: student internships abroad
- > **Tempus (since 1996)**: cooperation with the ex-Soviet Union countries, the Balkans and the Mediterranean countries: curriculum development and mobility of students and staff
- > **Alfa (since 1997)**: cooperation with Latin America (curriculum development, student and staff mobility)
- > **Erasmus Mundus (since 2004)** : “European Master in Rural Development” (student and staff mobility, institutional partnerships)
- > **Cooperation with US (since 2004)**: curriculum development, student and staff mobility

### International programmes: for instance

- > **AUF** - Association of the French-speaking Universities
- > **CREPUQ** - Canadian Cooperation Programme with the province of Quebec
- > **CAPES - COFECUB** - French-Brazilian cooperation

Member of the **Inter-university Consortium for Agriculture and Related Sciences (ICA** - the European association of agriculture and life science universities)



**500** full-time students  
**115** graduates at Master level each year

Unique French graduate institute of engineering specialising in **plant sciences and landscape engineering**



Located in **Angers**, one of the top horticultural and seed business parks in Europe

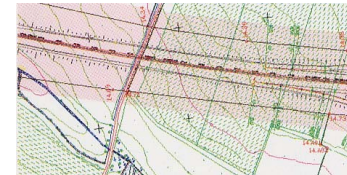
A major partner in the creation of the **Loire Valley plant science cluster** to link education, research and industry

- scientific knowledge
- engineering studies
- human sciences



M2

M1



**Bachelor**  
Common curriculum

L 3

L 2

L 1



M = tu : T m f r = 3

Master

M2 : Specialisation

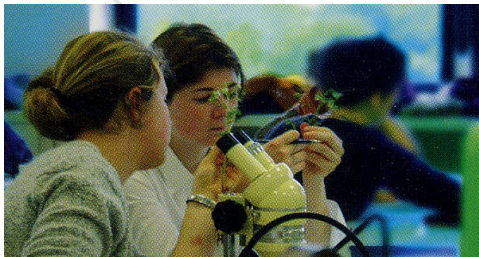
M1 : Horticulture or Landscaping

L 3

L 2

L 1

## Master studies



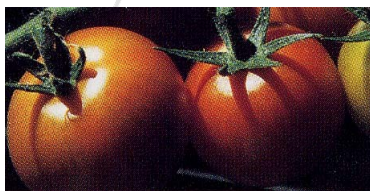
Scientific and professional education

- HORTICULTURE
- LANDSCAPING



## Master-year 1

- Compulsory modules
- Optional modules



## Master-year 2

3 options with a 6-month research project

**Fruit, Vegetables, Food and Markets**

**Ornamental Horticulture and Valorisation**

**Plant Health and the Environment**





**Private companies (66%)**

**Public institutions (34%)**



**Vegetable seed selection**

**Head of production**

**Buyer**

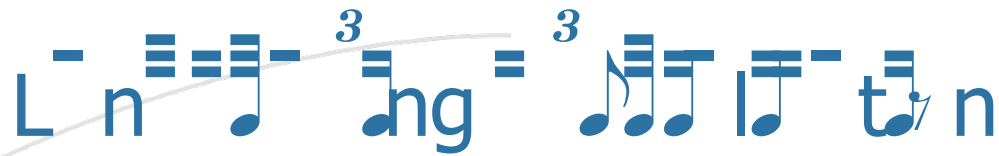
**Head of product**

**Experimentation engineer**

**Head of horticultural production**

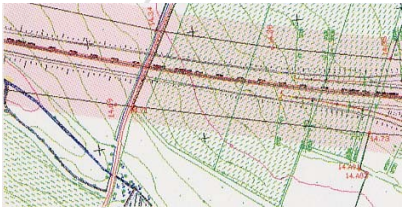
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## Master-year 1

- **Compulsory modules**
- **Optional modules**



## Master-year 2

- **2 options with a 6-month research project**

**Landscape Planning**

**Landscape and Engineering**





**Private companies (61%)**

**Public institutions (39%)**



**Head of landscape studies**

**Landscape engineer**

**Landscaper**

**Head of landscape works**

**Head of Parks and Gardens**

**Government posts for landscape enquiries**

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## Joint Research Units with INRA and Angers University



**Agronomic Sciences Applied to Horticulture**

**Genetic Resources and Plant Breeding**

**Molecular Seed Physiology**

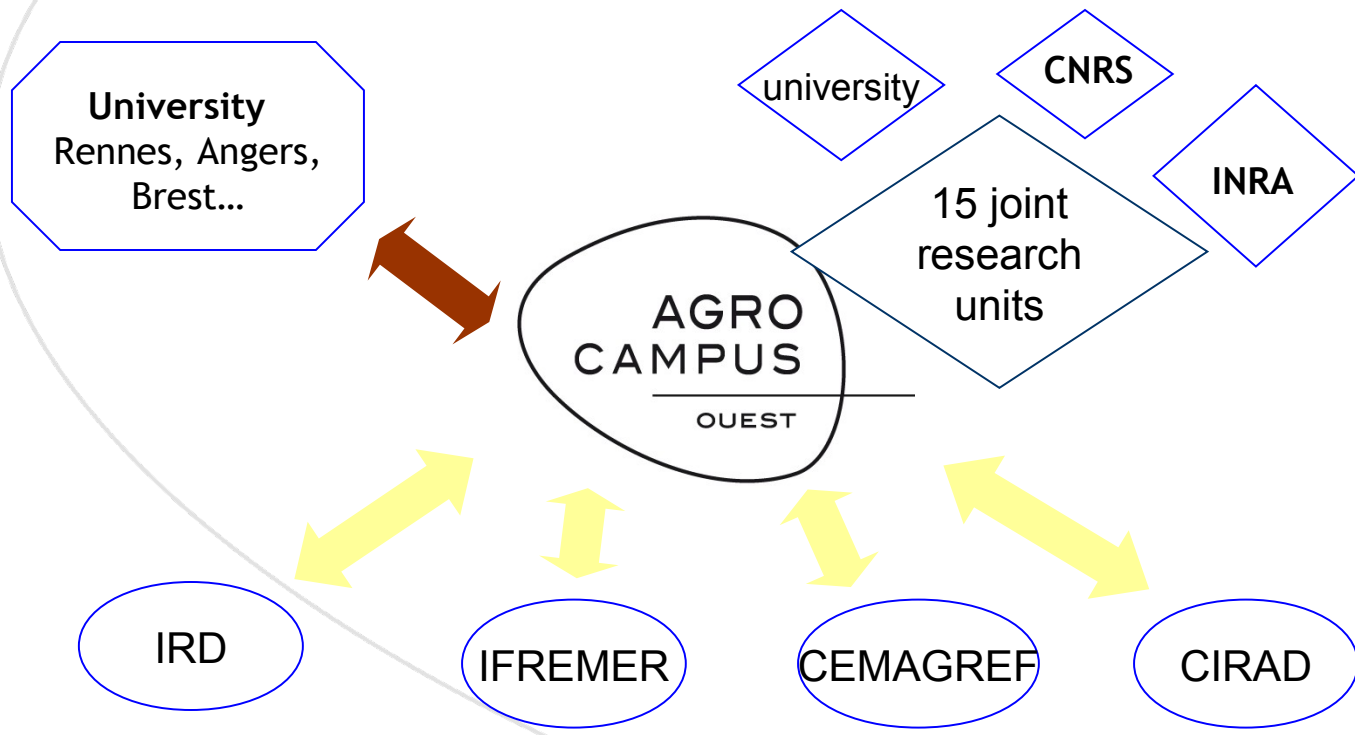
**Plant Pathology**

**Landscaping and Biodiversity**

**Economics and Management**



# a partnership strategy



- ↔ Doctoral schools
- ↔ Parternship agreements

