



SEEDS & PLANT PROPAGATION

One semester from September to January
Angers, FRANCE

Our programme trains students into skilled professionals in all sectors of seeds and plant propagation. It prepares students to access attractive and diverse positions such as:

- seed biologist and technologist,
- plant pathologist,
- production manager,
- product development manager,
- commercial technical representative,
- customer service representative.

These positions may be held in private companies in the R&D or marketing/legal divisions from small specialized companies to multinationals.

Graduates may also work for the public sector in technical institutes, syndicates, non-profit organisations as consultant, project manager.

Join our **SEEDS & PLANT PROPAGATION** programme for 1 semester as an exchange student and **get 30 ECTS!**

Our Agricultural Engineering M.Sc. in **SEEDS & PLANT PROPAGATION** is based on interdisciplinary courses that integrate biology, production technologies, conservation strategies, data management and experimental design along with business management, intellectual properties and regulations.

TEACHING UNITS (TU)

TU 1. (10 ECTS)

Biology and management of seeds and propagation material

- Big data and experimental design for Phenotyping and Genotyping Biology and Biotechnology of seeds, transplants and clonal material
- Seed conservation and management of plant biological resources

TU 2. (4 ECTS)

Knowledge of the seeds and plant propagation industry

- Evolution and challenges of French and international industries
- Intellectual property and business strategies in seed industries
- Evolution and challenges of French and international industries

TU 3. (8 ECTS)

Seeds and clonal material production and postharvest technology

- Seeds and plant sanitary quality
- Conventional and organic production and seed technology
- Biocontrol and biostimulation of seed and clonal material

TU 4. (8 ECTS)

Communication and action learning

- Action learning by industry commissioned project
- Foreign languages: English, German or Spanish

TEACHING STAFF

Plant Sciences applied to Agriculture and Horticulture

A. Degrave, E. Geoffriau, A. Grapin, P. Grappin, V. Le Clerc, O. Leprince, M.-H. Macherel, B. Teulat

Applied Mathematics and Computer Science

J. Bourbeillon

Economics, Management & Society

D. Rousselière, C. Widehem

PROGRAMME FEATURES

- A unique programme located in the heart of a major European seed and transplant production basin
- Active participation of professionals and scientific partners
- All courses in English

SUPPORT

- Single Welcome Desk
- Free French Language Courses
- Housing Support

Application Deadline

June 15th

Requirements

Master 1 with a background in plant sciences (genetics, physiology, biochemistry, plant pathology) and basic statistics.
B2 level English proficiency.

More info & Registration

<https://international.institut-agro-rennes-angers.fr>
student.mobility@agrocampus-ouest.fr

