Erasmus Mundus Joint Master Degree

PLANTHEALTH

“Plant Health in Sustainable Cropping Systems”

www.planthealth.upv.es
ADMISSION REQUIREMENTS

- **Awarded Bachelor of Science** degree (180 ECTS) in Agronomy, Agricultural Sciences or related fields. With at least 4 ECTS in Plant Health or Crop Protection, or equivalent.

- **English language proficiency**: level B2 of the Common European Framework of Reference for Languages (CEFR).

CONSORTIUM
PlantHealth Mobility scheme

M1: 60 ECTS

- M1 in Universitat Politècnica de València, Spain, In English
- M1 in Universität Göttingen, Germany, In English

Orientation week

Common basis for the two M1

M2: 30 ECTS (courses) + 30 ECTS (Master thesis)

- M2 in Germany, Universität Göttingen
  Specialization on temperate crops, arable crops and crops for energy (in English)
- M2 in France, (Agrocampus Ouest, Montpellier SupAgro, AgroParisTech)
  Specialization on tropical horticulture and temperate vegetable crops (in French)
- M2 in Italy, Padova University
  Specialization on temperate fruit crops, ornamental plants and landscape (in English)
- M2 in Spain, Universitat Politècnica de València
  Specialization on Mediterranean crops in orchards and greenhouses (in English)

MASTER THESIS
Practical work (field, greenhouse or laboratory)
Written thesis and oral presentation
Topics covered in M1

- Weed biology and weed management
- Pesticide application in Plant Health management
- Plant Nutrition and Plant Health
- Plant-herbivore interactions
- Applied weed science
- Sustainable farming systems
- Agricultural Botany
- Data acquisition, analyses, and scientific methods in life sciences
- Biodiversity conservation
- Adaptation to climate change in agroecosystems
- Population genetics
- Applied Entomology
- Plant Pathology
- Physiological responses of plants to pathogens and pests
- Molecular techniques in Plant Protection
Fields of specialization developed at each M2

<table>
<thead>
<tr>
<th>Universities</th>
<th>Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>French Universities (Montpellier SupAgro / Agrocampus Ouest / AgroParis Tech)</td>
<td>Tropical horticulture and temperate vegetable crops</td>
</tr>
<tr>
<td>University of Göttingen</td>
<td>Temperate crops, arable crops and crops for energy</td>
</tr>
<tr>
<td>Universitat Politècnica de València</td>
<td>Mediterranean crops in orchards and greenhouses</td>
</tr>
<tr>
<td>University of Padova</td>
<td>Temperate fruit crops, ornamental plants and landscape</td>
</tr>
</tbody>
</table>
### Fees and participation costs:

<table>
<thead>
<tr>
<th></th>
<th>Students from Partner Countries</th>
<th>Students from Programme Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>PlantHealth FEES and PARTICIPATION COSTS</td>
<td><strong>18,000 €</strong> (full 2-year master's degree – 120 ECTS)</td>
<td><strong>9,000 €</strong> (full 2-year master's degree – 120 ECTS)</td>
</tr>
</tbody>
</table>

**Programme Countries**

- **EU Member States**
  - Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom

- **Other Programme Countries**
  - Iceland, Liechtenstein, Norway, former Yugoslav Republic of Macedonia, Turkey

**Partner Countries**

- All other countries throughout the world

- ► Participation of guest lecturers holding an outstanding academic and/or professional profile is financially supported.

- ► Partner universities, research institutions and private companies, support and participate in the program.
**EU-funded EMJMD scholarships**

- The scholarships cover all fees and participation costs.

<table>
<thead>
<tr>
<th>Type of scholarship</th>
<th>2(^{nd}) intake (2017-2019)</th>
<th>3(^{rd}) Intake (2018-2020)</th>
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</thead>
<tbody>
<tr>
<td>Candidates from Programme Countries</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Candidates from Partner Countries</td>
<td>14</td>
<td>11</td>
</tr>
<tr>
<td>Additional Scholarships for Asia – Region 6 (Afghanistan, Bangladesh, Bhutan, Cambodia, China, DPR Korea, India, Indonesia, Laos, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Pakistan, Philippines, Sri Lanka, Thailand and Vietnam)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Additional Scholarships for Latin America – Region 8 (Brazil and Mexico)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Additional Scholarships for ENI South – Region 3 (Algeria Egypt Israel Jordan Lebanon Libya Morocco Palestine, Syria and Tunisia)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>20</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>
► **First Intake (2016-2018):**

- 21 students registered
- 18 scholarship holders and 3 self-funded.
- 13 countries: India, Nepal, Ethiopia, Philippines, Vietnam, Brazil, Serbia, Lithuania, Pakistan, Indonesia, Nigeria, Greece and Spain.
First Intake (2016-2018)

ORIENTATION WEEK

Invited speakers:
- Dr. Pedro Castañera (CIB-CSIC)
- Dr. Jay Ram Lamichhane (INRA)
- Jorge Silva (Bayer CropScience)

1st Semester Activities
Next calls for applications:

- Second intake (2017-2019) → Call for self-funded students: May/June 2017
THANK YOU FOR YOUR ATTENTION!

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