

Subjects offered in English in the Bachelor Degree  
**“Grado en Ingeniería Agronómica y Sistemas Biológicos”**  
 (Degree in Agricultural Engineering and Biological Systems)”  
**Course 2025-26**

---

Contact: [subdtor.relext@etsia.upct.es](mailto:subdtor.relext@etsia.upct.es)

| SUBJECT                                                                         | CODE                   | ECTS | SEMESTER | RESPONSIBLE PROFESSOR                                                                                       | MODE* |
|---------------------------------------------------------------------------------|------------------------|------|----------|-------------------------------------------------------------------------------------------------------------|-------|
| 1st. course (1 and 2. Semester)                                                 |                        |      |          |                                                                                                             |       |
| Geology, Soil Science and Climatology                                           | 518201003              | 6    | S1       | Gregorio García Fernández<br><a href="mailto:Gregorio.Garcia@upct.es">Gregorio.Garcia@upct.es</a>           | III   |
| Plant Physiology                                                                | 518201007              | 6    | S2       | Catalina Egea Gilabert<br><a href="mailto:Catalina.Egea@upct.es">Catalina.Egea@upct.es</a>                  | IV    |
| 2nd. course (3. and 4. Semester)                                                |                        |      |          |                                                                                                             |       |
| Animal Production                                                               | 518202005              | 6    | S3       | Eva Armero Ibáñez<br><a href="mailto:Eva.Armero@upct.es">Eva.Armero@upct.es</a>                             | IV    |
| Environmental Physics                                                           | 518202009              | 4,5  | S4       | Jose Alberto Acosta Avilés<br><a href="mailto:JA.Acosta@upct.es">JA.Acosta@upct.es</a>                      | III   |
| 3rd. course (5. and 6. Semester) – Speciality: Hortifructiculture and Gardening |                        |      |          |                                                                                                             |       |
| Irrigation and drainage                                                         | 518103005              | 6    | S5       | José Francisco Maestre Valero<br><a href="mailto:josef.maestre@upct.es">josef.maestre@upct.es</a>           | III   |
| Genetics                                                                        | 518103006              | 3    | S5       | Julia Weiss<br><a href="mailto:Julia.weiss@upct.es">Julia.weiss@upct.es</a>                                 | III   |
| Environmental management and policy                                             | 518103011<br>518109020 | 3    | S6       | Francisco Alcon Provencio<br><a href="mailto:francisco.alcon@upct.es">francisco.alcon@upct.es</a>           | III   |
| Green Infrastructures                                                           | 518103026              | 3,5  | S6       | Jesus Ochoa<br><a href="mailto:Jesus.Ochoa@upct.es">Jesus.Ochoa@upct.es</a>                                 | IV    |
| Diagnosis and Agricultural Chemistry                                            | 518103004              | 6    | S5       | Héctor Miguel Conesa Alcaraz<br><a href="mailto:hector.conesa@upct">hector.conesa@upct</a>                  | III   |
| 4th. course (7. and 8. Semester) – Speciality: Hortifructiculture and Gardening |                        |      |          |                                                                                                             |       |
| Vegetable crops                                                                 | 518104002              | 6    | S7       | Juan A. Fernández Hernández<br><a href="mailto:Juan.Fernandez@upct.es">Juan.Fernandez@upct.es</a>           | III   |
| Degradation of ecosystems and techniques of restauration                        | 518104001              | 4,5  | S7       | Héctor Miguel Conesa Alcaraz<br><a href="mailto:hector.conesa@upct">hector.conesa@upct</a>                  | III   |
| Dynamic and agrochemical residues                                               | 518109002              | 3    | S8       | María Nazaret González Alcaraz                                                                              | III   |
| Plant Biotechnology                                                             | 518109001              | 3    | S8       | M <sup>a</sup> Ángeles Ferrer Ayala<br><a href="mailto:Mangeles.Ferrer@upct.es">Mangeles.Ferrer@upct.es</a> | III   |

| SUBJECT                                                       | CODE      | ECTS | SEMESTER | RESPONSIBLE PROFESSOR                                                                                   | MODE* |
|---------------------------------------------------------------|-----------|------|----------|---------------------------------------------------------------------------------------------------------|-------|
| 3rd.course (5. and 6. Semester) – Agroalimentary Industry     |           |      |          |                                                                                                         |       |
|                                                               |           |      |          |                                                                                                         |       |
| Food Microbiology                                             | 518103017 | 4,5  | S5       | Paula Ma Periago Bayonas<br><a href="mailto:Paula.Periago@upct.es">Paula.Periago@upct.es</a>            | III   |
| Food engineering operations                                   | 518103016 | 6    | S5       | Francisco Artés Hernández<br><a href="mailto:Fr.Artes-Hdez@upct.es">Fr.Artes-Hdez@upct.es</a>           | III   |
| Wine and fermented products technology                        | 518104011 | 4,5  | S5       | Arantxa Aznar Samper<br><a href="mailto:Arantxa.Aznar@upct.es">Arantxa.Aznar@upct.es</a>                | IV    |
| Equipment for the processing and packaging of foods           | 518103019 | 6    | S6       | Arturo Esnoz Nicuesa<br><a href="mailto:Arturo.Esnoz@upct.es">Arturo.Esnoz@upct.es</a>                  | IV    |
| 4th.course (7. and 8. Semester) – Agroalimentary Industry     |           |      |          |                                                                                                         |       |
| Postharvest technology of fruits and vegetables               | 518104009 | 6    | S7       | Encarna Aguayo Giménez<br><a href="mailto:Encarna.Aguayo@upct.es">Encarna.Aguayo@upct.es</a>            | III   |
| Technology of meat and dairy products                         | 518109016 | 4,5  | S8       | Alfredo Gomez Palop<br><a href="mailto:Alfredo.palop@upct.es">Alfredo.palop@upct.es</a>                 | III   |
| Emergent technologies and control processing in food industry | 518109019 | 4,5  | S8       | Aguayo Giménez, Encarnación Pilar<br><a href="mailto:Encarna.Aguayo@upct.es">Encarna.Aguayo@upct.es</a> | IV    |
| Biotechnology and Additives in the Food Industry              | 518109017 | 4.5  | S8       | Paula Ma Periago Bayonas<br><a href="mailto:Paula.Periago@upct.es">Paula.Periago@upct.es</a>            | III   |

\*There are two modes of subjects:

**Mode III:** Classes are taught in English and class material, tutorials and exams are in English.

**Mode IV:** Classes are taught in Spanish and only class material, tutorial and exams will be in English.