



Academic year	2017-18
Subject	22487 - Horticultural Crops II
Group	Group 8, 2S, GEAM
Syllabus	A
Language	English

## Syllabus

### Subject

<b>Name</b>	22487 - Horticultural Crops II
<b>Credits</b>	2.4 in-class (60 hours) 3.6 distance (90 hours) 6 total (150 hours).
<b>Group</b>	Group 8, 2S, GEAM
<b>Period</b>	Second semester
<b>Language</b>	English

### Lecturers

Lecturers	Office hours for students					
	Starting time	Finishing time	Day	Start date	End date	Office
Joan Rosselló Veny <a href="mailto:joan.rossello-veny@uib.es">joan.rossello-veny@uib.es</a>	18:30	19:30	Monday	12/09/2017	13/07/2018	Edifici annex al Mateu Orfila

### Context

In this subject we study the basic principles of the production of the most important horticultural and ornamental plants of the Balearic Islands

### Requirements

#### Recommended

To facilitate the study and understanding of the subject, it is advisable to have knowledge of Plant Production, Soil Fertility, Protected Crops Technology, Bases of Crop Protection

### Skills

#### Specific

- \* H2 Bases and technology of the propagation and horticultural, frutícola and ornamental production. Quality control of horticultural products. Commercialization..
- \* H4 Engineering of green areas and horticultural farms.
- \* H5.1 Electrification. Irrigation and drainage. Machinery for horticulture..

#### Generic

- \* C1 Identification and characterization of plant species..
- \* C8 The management and use of agroindustrial by-products..
- \* C9 Decision-making through the use of resources available for work in multidisciplinary groups..



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- \* C10 Transfer technology, understand, interpret, communicate and adopt the advances in the agricultural field..

### Transversal

- \* T2 Ability of analysis and synthesis. Ability to reason critically..
- \* T3 Capacity of organization and planning ...

### Basic

- \* You may consult the basic competencies students will have to achieve by the end of the degree at the following address: <http://www.uib.eu/study/grau/Basic-Competences-In-Bachelors-Degree-Studies/>

## Content

### Theme content

1. Current status of the sector in Balearic Islands
2. Extension on the main horticultural and ornamental crops of the Balearic Islands
3. Main systems of quality certification in crops
4. Application to specific practical cases

## Teaching methodology

### In-class work activities

Modality	Name	Typ. Grp.	Description	Hours
Theory classes		Large group (G)	Teaching master classes to provide students with Theoretical knowledge of the subject (T2, C1, C8, C10, H2, H5.1).	35
Seminars and workshops		Medium group 2 (X)	Preparation and / or presentation of practical or research papers (T2, C8, C10).	15
Practical classes		Medium group 2 (X)	Visits to companies and farms in the sector. Recognition of plants, pests and diseases (T2, T3, H2, H5.1).	10

At the beginning of the semester a schedule of the subject will be made available to students through the UIBdigital platform. The schedule shall at least include the dates when the continuing assessment tests will be conducted and the hand-in dates for the assignments. In addition, the lecturer shall inform students as to whether the subject work plan will be carried out through the schedule or through another way included in the Campus Extens platform.

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### Distance education work activities

Modality	Name	Description	Hours
Individual self-study		Study of the subject. Enhancing según indicate the Temario or teacher to better understand the theoretical explanations (T2, C1, C8, C10, H2, H5.1).	50
Group self-study		Preparation of the exercise during the course. Preparation of exposure (T2, T3, C1, C8, C9, C10).	40

### Specific risks and protective measures

The learning activities of this course do not entail specific health or safety risks for the students and therefore no special protective measures are needed.

### Student learning assessment

#### Theory classes

Modality	Theory classes
Technique	Objective tests ( <b>retrievable</b> )
Description	Teaching master classes to provide students with Theoretical knowledge of the subject (T2, C1, C8, C10, H2, H5.1).
Assessment criteria	Partial tests of theory during the course will be done which will eliminate subject matter and a final test. If done Partial tests, a minimum of 4.0 out of 10 must be obtained to be able to average. If the average is not approved (5.0) the final exam has to be done. The partial note is not saved.

Final grade percentage: 40% with minimum grade 5

#### Seminars and workshops

Modality	Seminars and workshops
Technique	Oral tests ( <b>retrievable</b> )
Description	Preparation and / or presentation of practical or research papers (T2, C8, C10).
Assessment criteria	Oral presentation of the exercise

Final grade percentage: 15% with minimum grade 5

## Syllabus

### Practical classes

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Modality	Practical classes
Technique	Papers and projects ( <b>retrievable</b> )
Description	Visits to companies and farms in the sector. Recognition of plants, pests and diseases (T2, T3, H2, H5.1).
Assessment criteria	Written presentation of the results of the practices. Only in case of having to take the theoretical exam to July, this part can be recovered or presented again.

Final grade percentage: 15% with minimum grade 5

### Individual self-study

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Modality	Individual self-study
Technique	Objective tests ( <b>retrievable</b> )
Description	Study of the subject. Enhancing según indicate the Temario or teacher to better understand the theoretical explanations (T2, C1, C8, C10, H2, H5.1).
Assessment criteria	Delivery of work done during the course.

Final grade percentage: 20% with minimum grade 5

### Group self-study

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Modality	Group self-study
Technique	Papers and projects ( <b>retrievable</b> )
Description	Preparation of the exercise during the course. Preparation of exposure (T2, T3, C1, C8, C9, C10).
Assessment criteria	Delivery of work done during the course.

Final grade percentage: 10% with minimum grade 5

## Resources, bibliography and additional documentation

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### Basic bibliography

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Maroto, J. V., Vicent, J. 2002. Horticultura herbácea especial. 5a ed. Ed. Mundi-Prensa. Madrid. Alonso, F. 2002.

El cultivo de la patata Editorial: Mundi-Prensa. Madrid.

<http://www.globalgap.org/es>

