



COURSE: FRUIT GENERAL CROPS

ACADEMIC YEAR: 2016-2017

TYPE OF EDUCATIONAL ACTIVITY: Characterizing

TEACHER: BARTOLOMEO DICHIO

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website:

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mobile (optional): 0039 329 3606260

Language: Italian

ECTS: 6

lessons 5

tutorials/practice 1

n. of hours: 56

lessons 40

tutorials/practice 16

Campus: Potenza

Dept./School: SAFE

Program: Agricultural technology

Semester: II

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES

The course has the general objective to provide the scientific and technical bases of fruit trees production.

Investigate the morphological, physiological and agronomic aspects, highlighting the relationships plant/environment.

Transfer knowledge related to the orchard plantation and its proper management in order to increase productivity, the overall quality and reduce the application of the external inputs to the orchard system.

Provide hints about the characteristics of the main species cultivated in Italy.

PRE-REQUIREMENTS

Materials of Botany

SYLLABUS

The following main topics will be covered within the course:

- fruit tree species and eco-physiology of the plant;
- vegetative and reproductive cycle of the main fruit tree species, ripening and fruit quality;
- propagation techniques
- sustainable soil management techniques: nutrition, irrigation and pruning

TEACHING METHODS

Theoretical lessons, Laboratory tutorials, Project works, Technical visits

EVALUATION METHODS

Oral examination and Practical test during the hours of exercitation.

TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL

Silviero Sansavini, Riccardo Gucci, Paolo Inglese, Angelo Ramina, Cristos Xiloyannis: **-Arboricoltura Generale** Pàtron Editore Bologna

Enrico Baldini: **Arboricoltura Generale** - Editrice CLUEB Bologna

Appunti dalle lezioni

Rivista di Frutticoltura – Ed agricole

Informatore Agrario rivista in abbonamento www.informatoreagrario.it Italus Hortus rivista scientifica di orticoltura, floricoltura e frutticoltura – Soci SOI

INTERACTION WITH STUDENTS

At the beginning of the course, the teacher provides educational materials (shared folders) to the students.

Simultaneously, he collects a list of students together with name and email.

Office hours: Monday from 9.30 to 13.30 and Thursday from 14.30 to 17.30 at the Prof. Dichio office at the Campus Macchia Romana in Potenza.

Prof. Dichio is also available by email for students' communication.

EXAMINATION SESSIONS (FORECAST)¹

23/02/2017; 30/03/2017; 27/04/2017; 25/05/2017; 29/06/2017; 21/07/2017; 31/08/2017; 28/09/2017;
26/10/2017; 30/11/2017; 14/12/2017; 25/01/2018; 22/02/2018; 29/03/2018; 26/04/2018

SEMINARS BY EXTERNAL EXPERTS YES NO

FURTHER INFORMATION

Evaluation Committee

President Prof. Bartolomeo Dichio

Component Dr. Giuseppe Montanaro

Replacement Member Prof. Vitale Nuzzo
