



**PERROTIS
COLLEGE**
A DIVISION OF THE
AMERICAN FARM SCHOOL

B.Sc. in Sustainable Agriculture and Management



Curriculum

1st Year

- Env't. Technology & Agricultural Machinery
- Introduction to ICT for Agriculture & Environment
- Agricultural Marketing
- Principles of Microbiology & Chemistry
- Academic & IT Skills
- Entomology
- Environmental Soil Science
- Botany and Plant Propagation
- Business Administration & Agricultural Accounting
- Principles of Biotechnology & Plant Breeding
- Field Crop Production

2nd Year

- Plant Physiology
- Principles of Plant Pathology
- Waste Management
- Biometry & Agricultural Experimentation
- Principles of Pesticides - Applications & Safety
- Introduction To Livestock Science
- Weed Science & Management
- Olive Production Systems
- Viticulture
- Crop Nutrition & Soil Fertility Management
- Fruit Tree Production

3rd Year

- Dissertation
- GIS In Agriculture & The Environment
- Horticultural Science
- Post Harvest & Olive Processing
- Farm Management

OPTIONAL

*In level 6 students are required to choose one of the two optional modules

- **Medicinal & Aromatic Plant Production**
- **Work Based Learning**
- Ecological Agriculture
- Greenhouse Technology & Management
- Precision Agriculture Applications
- Irrigation & Water Management



The **Bachelor of Science (B.Sc.) in Sustainable Agriculture and Management** is an academic program focused on providing high quality and professionally relevant undergraduate modules to transfer scientific and technical knowledge as well as practical skills. Program graduates benefit from a wide-ranging, critical understanding of the areas of agriculture and precision agriculture, the environment, sustainable crop and soil management, as well as human and animal nutrition and consumer issues as they relate to the SAM discipline.

Specializations and Career Opportunities

Precision Agriculture

Precision Agriculture is the integrated use of cutting-edge technology and information-based, and methodologies. This innovative and holistic the farm production processes and costs. Graduates are eligible to continue studying at the post-graduate level or directly enter the job market, working with firms and institutions that focus on farm products, agro-environmental consulting and waste management.

Livestock Management

This specialization enables students to acquire practical animal husbandry skills and learn the main production parameters of animal nutrition, reproduction, selection, installations, health and welfare. Graduates can continue their studies at the post-graduate level or directly enter the job market in fields related to the care and management farm animals.

Contact information:

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