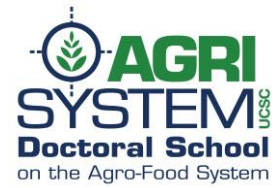




UNIVERSITÀ  
CATTOLICA  
del Sacro Cuore



## SUSTAINABLE CROP PRODUCTION

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### Course Aims

Reviewing the basis of crop production and the role of agriculture for food production and agro-ecosystem services. This course presents current and future strategies to foster sustainability in agriculture.

### Methodology

During the lessons relevant topics will be presented and discussed with the aid of Power point presentations.

Evaluation: Written exam/Power point presentation

### Course Description

Introduction:

- Principles of agronomy and crop production

Technical and biotechnological tools to foster sustainability of crop productions

The role of agriculture and crop production:

- How can we feed an increasing population?
- Smart farming systems, crop production and mitigation of GHGs emission
- Environmental stewardship and agriculture

### Recommended Texts

Study material and note from the lessons will be available on the web