

# Mediterranean Organic Agriculture 2018-2019 (77.0 ECTS)

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## Aims

The Programme aims at preparing graduates to produce innovation in Mediterranean organic agriculture, creating and maintaining sustainability in the farming system, assisting and contributing to national development of organic legislations and regulatory framework

## Objectives

The main objective of the Programme is to train graduated agronomists and agricultural engineers for future professional careers in the domain of Organic Agriculture. Within this framework, the general learning outcomes are:

- developing agronomic skills related to practices and techniques of Mediterranean Organic Agriculture production and management;
- developing skills related to legislation, inspection, certification and labelling of organically produced food and fibres;
- building capacity in socio economic analysis and market strategy for organic agriculture;
- providing trainees with the necessary tools and expertise to assess the agricultural, environmental, and socio - economic opportunities and constraints of organic agriculture in different Mediterranean areas.

## Programme contents

MOA I	UNIT I: INTRODUCTORY COURSES	01 - 26 Oct 2018	7.0 ECTS
MOA I.1.1	Information and Communication Technologies (ICTs) & Criteria for bibliographic research	01 - 05 Oct 2018	1.0 ECTS
MOA I.2	Biodiversity and crops	08 - 12 Oct 2018	2.0 ECTS
MOA I.3	Principles of organic agriculture and Agroecology	15 - 19 Oct 2018	2.0 ECTS
MOA I.4	Crop response to water and climate change: eco-physiological and engineering aspects	22 - 26 Oct 2018	2.0 ECTS
MOA II	UNIT II: ORGANIC LIVESTOCK FARMING	29 Oct - 09 Nov 2018	4.0 ECTS
MOA II.1	Organic poultry farming	29 Oct - 02 Nov 2018	2.0 ECTS
MOA II.2	Organic livestock farming	05 - 09 Nov 2018	2.0 ECTS
MOA III	UNIT III: SOIL FERTILITY MANAGEMENT	12 - 30 Nov 2018	6.0 ECTS
MOA III.1	The soil: biotic and abiotic components	12 - 16 Nov 2018	2.0 ECTS
MOA III.2	Cover crops, fertilizers and biomasses recycling for managing the soil fertility in organic farming	19 - 23 Nov 2018	2.0 ECTS
MOA III.3	Impact of fertilization, soil tillage and crop rotation on soil properties and crop growth	26 - 30 Nov 2018	2.0 ECTS
MOA IV	UNIT IV: INSECT, DISEASE AND WEED MANAGEMENT	03 - 21 Dec 2018	6.0 ECTS
MOA IV.1	Organic weed management	03 - 06 Dec 2018	2.0 ECTS
MOA IV.2	Plant protection against diseases in organic production	10 - 14 Dec 2018	2.0 ECTS
MOA IV.3	Organic insect management	17 - 21 Dec 2018	2.0 ECTS
MOA V	UNIT V: GLOBAL MARKETS AND MARKETING FOR ORGANIC AGRO - FOOD PRODUCTS	02 - 18 Jan 2019	4.0 ECTS
MOA V.1	Sustainable supply chain.	02 - 04 Jan 2019	0.0 ECTS
MOA V.1.2	Appraisal and assessment of local food systems through participatory methods: exploring the potential of organic farming	02 - 04 Jan 2019	0.0 ECTS
MOA V.2	Marketing of agro-food products	07 - 11 Jan 2019	2.0 ECTS

MOA V.2	Global markets and the socio-economic impacts of organics	14 - 18 Jan 2019	2.0 ECTS
MOA VI	UNIT VI: ORGANIC FARMING ECONOMICS, POLICY DEVELOPMENT AND SOCIAL ASPECTS	21 Jan - 15 Feb 2019	8.0 ECTS
MOA VI.1	Principles of farm economics	21 - 25 Jan 2019	2.0 ECTS
MOA VI.2	Support policies for organic agro-food systems	28 Jan - 01 Feb 2019	2.0 ECTS
MOA VI.3	National Action Plan and support policies for organic agriculture in Europe	04 - 08 Feb 2019	2.0 ECTS
MOA VI.4	Socio-economic Impact of Organic Farming in Developing Countries Case study: Ostuni	11 - 15 Feb 2019	2.0 ECTS
MOA VII	UNIT VII: ORGANIC STANDARDS AND LEGISLATION	18 Feb - 15 Mar 2019	8.0 ECTS
MOA VII.1	Organic Production and Sustainable Development: Frameworks and Strategies	18 - 22 Feb 2019	2.0 ECTS
MOA VII.2	Regulations and procedures for the authorization to the use of organic pesticides and fertilizers	25 Feb - 01 Mar 2019	2.0 ECTS
MOA VII.3	Organic regulation in the EU and Mediterranean countries and Import/export; Control and surveillance: the Italian experience	04 - 08 Mar 2019	2.0 ECTS
MOA VII.4	Accreditation, certification and inspection in organic system	11 - 15 Mar 2019	2.0 ECTS
MOA IX	UNIT IX: ORGANIC MEDITERRANEAN COMMODITIES PRODUCTION	15 Apr - 07 Jun 2019	12.0 ECTS
MOA IX.1	Organic Horticulture	15 - 19 Apr 2019	2.0 ECTS
	Technical Trip	23 - 26 Apr 2019	0.0 ECTS
MOA IX.2	Organic Horticulture	29 Apr - 03 May 2019	2.0 ECTS
MOA IX.3	Organic grapevine growing	06 - 10 May 2019	2.0 ECTS
MOA IX.4	Organic Olive Growing	13 - 17 May 2019	2.0 ECTS
MOA IX.5.1	Organic Aquaculture	20 - 24 May 2019	1.0 ECTS
MOA IX.5	Organic Beekiping	20 - 24 May 2019	1.0 ECTS
MOA IX.6	Project and statistics	27 - 31 May 2019	2.0 ECTS
	Project report finalisation and submission	03 - 07 Jun 2019	0.0 ECTS
MOA VIII	UNIT VIII: QUALITY, SAFETY AND POST- HARVEST HANDLING OF CROPS	18 Mar - 12 Apr 2019	8.0 ECTS
MOA VIII.1.1	Organic Food Quality and Safety	18 - 22 Mar 2019	2.0 ECTS
MOA VIII.1.2	Gentle processing of organic food	18 - 22 Mar 2019	0.0 ECTS
MOA VIII.2	Post-harvest techniques	25 - 28 Mar 2019	2.0 ECTS
MOA VIII.3	Food Hygiene Regulations: Rules and New Requirements & Food quality and safety certification schemes	02 - 05 Apr 2019	2.0 ECTS
MOA VIII.4	Food hygiene regulations: rules and new requirements & Traceability and Quality Management System in food supply chain	08 - 12 Apr 2019	2.0 ECTS
MOA X	UNIT X: Impact Assesment of Organic Agriculture	10 - 14 Jun 2019	2.0 ECTS
MOA X.1	Assessment of the Impact of Organic Agriculture on the Economies of Developing Countries	10 - 14 Jun 2019	2.0 ECTS
MOA XI	UNIT XI: PROJECT	01 Oct 2018 - 09 Jun 2019	7.0 ECTS
	Practical activities: Organic farming case study under Mediterranean conditions	01 Oct 2018 - 09 Jun 2019	7.0 ECTS

MOA XI	UNIT XII: FINAL EXAM	17 Jun 2019	0.0 ECTS
MOA XI	Final exam	17 Jun 2019	0.0 ECTS
	From a business idea to its project design: the enterprise culture in the innovation process management	18 - 21 Jun 2019	5.0 ECTS
	Innovation processes: the design and development phases of an innovative idea	18 Jun 2019	2.0 ECTS
	The Lean business model Canvas	19 Jun 2019	2.0 ECTS
	The WEB as tool to develop and communicate the entrepreneurial idea	20 Jun 2019	1.0 ECTS
	Final exam: presentation (pitch) of an innovative entrepreneurial idea.	21 Jun 2019	0.0 ECTS