

Mediterranean Organic Agriculture 2019-2020 (65.0 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	30 Sep - 11 Oct 2019	4.0 ECTS
L&W I.1.1	Welcome and registration	30 Sep 2019	0.0 ECTS
MOA I.1.2	Institute and course presentation	30 Sep 2019	0.0 ECTS
MOA I 1.5	Climate change and agriculture / Biodiversity and crops / Transboundary plant pests & diseases	30 Sep - 04 Oct 2019	0.5 ECTS
MOA I.1.3	Information and Communication Technologies (ICTs) / Criteria for bibliographic and technology of search	01 - 03 Oct 2019	1.0 ECTS
MOA I 2.5	English language	07 - 11 Oct 2019	2.0 ECTS
MOA I 2.1	Communication skills / High technologies for agriculture: Geographical Information Systems / High technologies for agriculture: Remote Sensing / High technologies for agriculture: Information Technology	07 - 10 Oct 2019	0.5 ECTS
MOA II	UNIT II: INTRODUCTION TO ORGANIC AGRICULTURE, AGROECOLOGY AND BIODIVERSITY	14 - 31 Oct 2019	4.0 ECTS
MOA II.1	Principles of organic agriculture and Agroecology	14 - 18 Oct 2019	2.0 ECTS
MOA II.2.2	Sustainable use of Plant Genetic Resources for Food and Agriculture (PGRFA)	21 - 25 Oct 2019	0.0 ECTS
MOA II.2.1	Biodiversity and crops	21 - 25 Oct 2019	2.0 ECTS
MOA II.3	Project	28 - 31 Oct 2019	0.0 ECTS
MOA III	UNIT III: SOIL FERTILITY MANAGEMENT	04 - 29 Nov 2019	8.0 ECTS
MOA III.1	The soil: biotic and abiotic components	04 - 08 Nov 2019	2.0 ECTS
MOA III.2	Cover crops, fertilizers and biomasses recycling for managing the soil fertility in organic farming	11 - 15 Nov 2019	2.0 ECTS
MOA III.3	Organic ruminants farming	18 - 22 Nov 2019	2.0 ECTS
MOA III.4	Plant nutrition, practical activities	25 - 29 Nov 2019	2.0 ECTS
MOA IV	UNIT IV: INSECT, DISEASE AND WEED MANAGEMENT	02 - 20 Dec 2019	6.0 ECTS
MOA IV.1	Organic insect management	02 - 06 Dec 2019	2.0 ECTS
MOA IV.2	Plant protection against diseases in organic production	09 - 13 Dec 2019	2.0 ECTS

MOA IV.3	Organic weed management	16 - 20 Dec 2019	2.0 ECTS
MOA V	UNIT V: ECONOMICS, GLOBAL MARKETS AND MARKETING FOR ORGANIC AGRO - FOOD PRODUCTS	02 - 31 Jan 2020	4.0 ECTS
MOA V.1	Appraisal and assessment of local food systems through participatory methods: exploring the potential of organic farming	02 - 03 Jan 2020	0.0 ECTS
MOA V.2	Principles of farm economics	06 - 10 Jan 2020	2.0 ECTS
MOA V.3	Marketing of agro-food products	13 - 17 Jan 2020	2.0 ECTS
MOA V.4	Sustainable supply chain & Consumer and Organic Value Chain: Analysis and Research	20 - 24 Jan 2020	0.0 ECTS
MOA V. 5.1	Project	27 - 31 Jan 2020	0.0 ECTS
MOA VI	UNIT VI: ORGANIC FARMING ECONOMICS, POLICY DEVELOPMENT AND SOCIAL ASPECTS	03 - 14 Feb 2020	4.0 ECTS
MOA VI.1	Support policies for organic agro-food systems	03 - 07 Feb 2020	2.0 ECTS
MOA VI.2	National Action Plan and support policies for organic agriculture in Europe	10 - 14 Feb 2020	2.0 ECTS
MOA VII	UNIT VII: ORGANIC STANDARDS AND LEGISLATION	17 Feb - 06 Mar 2020	4.0 ECTS
MOA VII.1	Organic regulation in the EU and Mediterranean countries and Import/export; Control and surveillance: the Italian experience	17 - 21 Feb 2020	2.0 ECTS
MOA VII.2	Accreditation, certification and inspection in organic system	24 - 28 Feb 2020	2.0 ECTS
MOA VII.3	Project	02 - 06 Mar 2020	0.0 ECTS
MOA VIII	UNIT VIII: QUALITY, SAFETY AND POST- HARVEST HANDLING OF CROPS	09 Mar - 03 Apr 2020	8.0 ECTS
MOA VIII.1	Organic Food Quality and Safety	09 - 13 Mar 2020	2.0 ECTS
MOA VIII.2	Food hygiene regulations: rules and new requirements & Food quality and safety certification schemes	16 - 20 Mar 2020	2.0 ECTS
MOA VIII.3	Post-harvest techniques	22 - 27 Mar 2020	2.0 ECTS
MOA VIII.4	Sustainable food systems	29 Mar - 03 Apr 2020	2.0 ECTS
MOA IX	UNIT IX: ORGANIC MEDITERRANEAN COMMODITIES PRODUCTION	06 Apr - 08 May 2020	8.0 ECTS
MOA IX.1	Organic Horticulture	06 - 10 Apr 2020	2.0 ECTS
MOA IX.2	Organic Horticulture	13 - 17 Apr 2020	2.0 ECTS
MOA IX.3	Organic grapevine growing	20 - 24 Apr 2020	2.0 ECTS
MOA IX.4	Organic olive growing	27 - 30 Apr 2020	2.0 ECTS
MOA IX. 5	Project	04 - 08 May 2020	0.0 ECTS
MOA X	UNIT X: CONCEPTS IN SUSTAINABLE DEVELOPMENT	11 May - 12 Jun 2020	8.0 ECTS
MOA X.1	The role of the technical advisor in designing and managing a sustainable organic farm	11 - 15 May 2020	2.0 ECTS
MOA X.2	Agriculture inputs	18 - 22 May 2020	2.0 ECTS
MOA X.3	Organic Production and Sustainable Development: Frameworks and Strategies	25 - 29 May 2020	2.0 ECTS
	Project report finalisation and submission	01 - 05 Jun 2020	0.0 ECTS
MOA X.4	Economic Feasibility of Small Scale Organic Production and Risk Management Strategies	08 - 12 Jun 2020	2.0 ECTS

MOA X	UNIT X: FINAL EXAM	15 - 16 Jun 2020	0.0 ECTS
MOA XI	Final exam	15 - 16 Jun 2020	0.0 ECTS
MOA XI	UNIT XI: PROJECT	01 Oct 2019 - 12 Jun 2020	7.0 ECTS
MOA XI 1	Action learning for preparing operators of Sustainable Agriculture	01 Oct 2019 - 12 Jun 2020	7.0 ECTS