



6D\_SGQ\_CALENDARIO CORSO - REV. 1.0 del 15/06/2016

Academic year 2017/2018

MASTER COURSE:

**Mediterranean Organic Agriculture**

**UNIT 1: INTRODUCTORY COURSES (7 ECTS)**

2 - 27 October 2017	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
	02-06 Oct	Sub-Unit 1			1
		<ul style="list-style-type: none"> <li>Welcome and registration</li> <li>Institute and course presentation</li> <li>Information and Communication Technologies</li> <li>Criteria for bibliographic and technology of search</li> </ul>	O. Lorusso G. Inchingolo	CIHEAM-Bari (Italy) CIHEAM-Bari (Italy)	
	09-13 Oct	Sub-Unit 2			2
		<ul style="list-style-type: none"> <li>Biodiversity and crops</li> </ul>	G. Calabrese	CIHEAM-Bari (Italy)	
	16-20 Oct	Sub-Unit 3			2
		Principles of organic agriculture and Agroecology	L. Al Bitar	CIHEAM-Bari (Italy)	
	23-27 Oct	Sub-Unit 4			2
		Crop response to water and climate change: eco-physiological and engineering aspects	R. Albrizio M. Todorovic	CNR, Naples (Italy) CIHEAM-Bari (Italy)	

**UNIT 2: ORGANIC LIVESTOCK FARMING (4 ECTS)**

<b>30 October – 10 November 2017</b>	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
	30 Oct - 03 Nov	Sub-Unit 1			2
	Organic poultry farming		M. Arduin	Centro Studi Règia Stazione Sperimentale di Pollicoltura (Italy)	
	06-10 Nov	Sub-Unit 2			2
Organic ruminants farming		A. Di Francia	University Federico II - Naples (Italy)		

### UNIT 3: SOIL FERTILITY MANAGEMENT (6 ECTS)

<b>13 November – 1 December 2017</b>	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
	13-17 Nov	Sub-Unit 1			2
	The soil: biotic and abiotic components		C. Zaccone	University of Foggia (Italy)	
	20-24 Nov	Sub-Unit 2			2
	Cover crops, fertilizers and biomasses recycling for managing the soil fertility in organic farming		C. Coccozza	University of Bari (Italy)	
	27 Nov - 01 Dec	Sub-Unit 3			2
Impact of fertilization, soil tillage and crop rotation on soil properties and crop growth		J. Raupp	Agric-science.org (Germany)		

### UNIT 4: INSECT, DISEASE AND WEED MANAGEMENT (6 ECTS)

<b>04 – 22 December</b>	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
	04-07 Dec	Sub-Unit 1			2
	Organic weed management		P. Bàrberi	Scuola superiore di S. Anna- Pisa (Italy)	
11-15 Dec	Sub-Unit 2			2	

	Plant protection against diseases in organic production	I. Pertot	Technical Institute of San Michele all'Adige (Italy)	
18-22 Dec	Sub-Unit 3			2
	Organic insect management	S. Colazza	University of Palermo (Italy)	

### UNIT 5: GLOBAL MARKETS AND MARKETING FOR ORGANIC AGRO-FOOD PRODUCTS (4 ECTS)

03 – 19 January 2018	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
	03-05 Jan	Sub-Unit 1			
		<ul style="list-style-type: none"> <li>Sustainable supply chain</li> <li>Appraisal and assessment of local food systems through participatory methods: exploring the potential of organic farming</li> </ul>	D. Morrone G. Brunori	LUM (Italy) University of Pisa (Italy)	
	08-12 Jan	Sub-Unit 2			2
		Marketing of agro-food products	K. Menger	Kassel University (Germany)	
	15-19 Jan	Sub-Unit 3			2
	Global markets and the socio-economic impacts of organics	Dr. Laura Carraresi	University of Bonn (Germany)		

### UNIT 6: ORGANIC FARMING ECONOMICS, POLICY DEVELOPMENT AND SOCIAL ASPECTS (8 ECTS)

22 January – 16 February 2018	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
	22-26 Jan	Sub-Unit 1			2
		Principles of farm economics	G. Cardone	CIHEAM-Bari (Italy)	
	29 Jan - 02 Feb	Sub-Unit 2			2
	Support policies for organic agro-food systems	F. M. Santucci	University of Perugia (Italy)		

<b>05-09 Feb</b>	<b>Sub-Unit 3</b>			<b>2</b>
National Action Plan for organic agriculture		<b>J. Petrov</b>	RERASD (Croatia)	
<b>12-16 Feb</b>	<b>Sub-Unit 4</b>			<b>2</b>
Socio-economic Impact of Organic Farming in Developing Countries Case study: Ostuni		<b>M. Schermer</b>	Center for Mountain Agriculture (Austria)	

### UNIT 7: ORGANIC STANDARDS AND LEGISLATION (8 ECTS)

<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
<b>19-23 Feb</b>	<b>Sub-Unit 1</b>			<b>2</b>
Organic Production and Sustainable Development: Frameworks and Strategies		<b>D. Gould</b>	IFOAM (USA)	
<b>26 Feb - 02 Mar</b>	<b>Sub-Unit 2</b>			<b>2</b>
<ul style="list-style-type: none"> <li>• Organic regulation in the EU and Mediterranean countries</li> <li>• Import/export; Control and surveillance: the Italian experience</li> </ul>		<b>L. Guarrera G. Mocchiario</b>	CIHEAM-Bari (Italy) MiPAAF (Italy)	
<b>05-09 Mar</b>	<b>Sub-Unit 3</b>			<b>2</b>
Accreditation, certification and inspection in organic system		<b>M. Mraihi</b>	CCPB (Italy)	
<b>12-16 Mar</b>	<b>Sub-Unit 4</b>			<b>2</b>
Regulations and procedures for the authorization to the use of organic pesticides and fertilizers		<b>M. Desantis</b>	CIHEAM-Bari (Italy)	

19 February – 16 March 2018

## UNIT 8: QUALITY, SAFETY AND POST- HARVEST HANDLING OF CROPS (8 ECTS)

<b>19 March – 13 April 2018</b>	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
	<b>19-23 Mar</b>	<b>Sub-Unit 1</b>			<b>2</b>
	<ul style="list-style-type: none"> <li>• Organic food quality and safety</li> <li>• Seminar: gentle processing of organic food</li> </ul>		<b>I. Cavoski</b> <b>R. Di Cagno</b>	CIHEAM-Bari (Italy) University of Bari (Italy)	
	<b>26-29 Mar</b>	<b>Sub-Unit 2</b>			<b>2</b>
	Post-harvest techniques		<b>G. Colelli</b>	University of Foggia (Italy)	
	<b>03-06 Apr</b>	<b>Sub-Unit 3</b>			<b>2</b>
	<ul style="list-style-type: none"> <li>• Food hygiene regulations: rules and new requirements</li> <li>• Food quality and safety certification schemes</li> </ul>		<b>M. Semeraro</b> <b>C. Sigliuzzo</b>	CIHEAM-Bari (Italy)	
	<b>09-13 Apr</b>	<b>Sub-Unit 4</b>			<b>2</b>
	Traceability and Quality Management System in food supply chain		<b>A. Maraglino</b>	CIHEAM-Bari (Italy)	

## UNIT 9: ORGANIC MEDITERRANEAN COMMODITIES PRODUCTION (12 ECTS)

<b>16 April – 08 June 2018</b>	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
	<b>16-20 Apr</b>	<b>Sub-Unit 1</b>			<b>2</b>
	Organic Horticulture		<b>L. Kenny</b>	IAV-Hassan II (Morocco)	
	<b>23-27 Apr</b>	<b>Sub-Unit 2</b>			<b>2</b>
	Organic Horticulture		<b>L. Kenny</b>	IAV-Hassan II (Morocco)	
	<b>30 Apr - 04 May</b>	<b>Sub-Unit</b>			
	Technical trip				

	07-11 May	Sub-Unit 3			2
	Organic Grapevine Growing		M. Tucci	CIHEAM-Bari (Italy)	
	14-18 May	Sub-Unit 4			2
	Organic Olive Growing		E. Kabourakis	NAGREF (Greece)	
	21-25 May	Sub-Unit 5			2
	<ul style="list-style-type: none"> <li>Organic Beekeeping</li> <li>Organic Aquaculture</li> </ul>		R. Addante P. Lembo	University of Bari (Italy) Coispa (Italy)	
	28 May - 01 Jun	Sub-Unit 6			2
	Project and statistics		C. Zanasi	University of Bologna(Italy)	
	04-08 Jun	Sub-Unit			
	Project report finalization and submission				

### UNIT 10: IMPACT ASSESSMENT OF ORGANIC AGRICULTURE (2 ECTS)

<b>11 – 15 June</b>	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
	11-15 Jun	Sub-Unit 1			2
	Assessment of the Impact of Organic Agriculture on the Economies of Developing Countries		D. Giovannucci	The COSA (USA)	

### UNIT 11: PROJECT (7 ECTS)

	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
		Sub-Unit 1			7

	Practical activities: Organic farming case study under Mediterranean conditions	<b>R. Mohamad</b>	CIHEAM-Bari (Italy)	<b>15%</b>
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**UNIT 12: FINAL EXAM**

<b>June 2018</b>	<i>DATE</i>	<i>SUB-UNIT</i>	<i>LECTURER</i>	<i>INSTITUTIONAL AFFILIATION</i>	<i>ECTS*</i>
		Sub-Unit 1			
	Final exam		<b>Jury</b>		<b>25%</b>

**(\*) ECTS: EUROPEAN CREDIT TRANSFER SYSTEM**