

Mediterranean Agronomic Institute of Zaragoza

Courses 2017-18 / 2018-19

PLANT PRODUCTION

	DATE	PLACE	ORGANIZATION
* MASTER IN OLIVE GROWING AND OIL TECHNOLOGY	25 Sep. 17/25 May 18	Córdoba	UCO/JA/CSIC/INIA/ IAMZ/IOC
ADVANCES IN BREEDING AND AGRONOMY FOR IMPROVING SUSTAINABILITY AND QUALITY OF GRAIN LEGUME CROPS	16-20 Oct. 17	Zaragoza	IAMZ/EU Projects LEGATO and EUROLEGUME
MYCOTOXINS IN CEREAL FOOD/FEED CHAINS	22-26 Jan. 18	Zaragoza	IAMZ/Agrotecnio
BREEDING SMALL GRAIN CEREAL CROPS IN A CLIMATE CHANGE SCENARIO	19-23 Feb. 18	Zaragoza	IAMZ/ClimBar FACCE-JPI/ICARDA
GREENHOUSE GAS ASSESSMENT AND MITIGATION IN AGRICULTURE	12-16 Mar. 18	Zaragoza	IAMZ/ICARDA/Red REMEDIA
WATER AND ENERGY IN MEDITERRANEAN RURAL ENVIRONMENTS: THE NEXUS IN IRRIGATED AGRICULTURE	7-12 May 18	Zaragoza	IAMZ/FAO/ICARDA/ 5+5 Dialogue Water
* MASTER IN PLANT BREEDING	24 Sep. 18/12 June 19	Zaragoza	IAMZ/UdL
PLANT DISEASES CAUSED BY <i>Xylella fastidiosa</i> : DETECTION, IDENTIFICATION, MONITORING AND CONTROL	12-16 Nov. 18	Zaragoza	IAMZ/MAPAMA/EU Projects POnTE, XF- ACTORS and MSCA- RISE CURE-XF

ANIMAL PRODUCTION

* MASTER IN ANIMAL NUTRITION	25 Sep. 17/1 June 18	Zaragoza	IAMZ/UZ/FEDNA/ UPM
* MASTER IN ANIMAL BREEDING AND REPRODUCTION BIOTECHNOLOGY	1 Oct. 18/28 June 19	Valencia/ Barcelona	UPV/UAB/IAMZ/ IVIA/INIA
CONTROLLING DISEASE AT THE WILDLIFE-LIVESTOCK INTERFACE	26-30 Nov. 18	Zaragoza	IAMZ/MAPAMA
LIVESTOCK AND CLIMATE CHANGE: ASSESSMENT OF EMISSIONS, MITIGATION OPTIONS AND ADAPTATION STRATEGIES	11-15 Feb. 19	Zaragoza	IAMZ/Red REMEDIA/4 per 1000 initiative
ANTIMICROBIAL RESISTANCE: IMPLICATIONS FOR ANIMAL HEALTH AND FOOD SAFETY	18-22 Mar. 19	Zaragoza	IAMZ/FAO
PRECISION LIVESTOCK FARMING	1-5 Apr. 19	Zaragoza	IAMZ

ENVIRONMENT

RESTORATION OF DEGRADED DRYLANDS AND MONITORING OF DESERTIFICATION PROCESSES	5-10 Feb. 18	Zaragoza	IAMZ/IUCN/ ICARDA/SER-Europe
GREENHOUSE GAS ASSESSMENT AND MITIGATION IN AGRICULTURE	12-16 Mar. 18	Zaragoza	IAMZ/ICARDA/Red REMEDIA
WATER AND ENERGY IN MEDITERRANEAN RURAL ENVIRONMENTS: THE NEXUS IN IRRIGATED AGRICULTURE	7-12 May 18	Zaragoza	IAMZ/FAO/ICARDA/ 5+5 Dialogue Water
LIVESTOCK AND CLIMATE CHANGE: ASSESSMENT OF EMISSIONS, MITIGATION OPTIONS AND ADAPTATION STRATEGIES	11-15 Feb. 19	Zaragoza	IAMZ/Red REMEDIA/4 per 1000 initiative

FOOD SCIENCE, TECHNOLOGY AND MARKETING

** ERASMUS MUNDUS MASTER IN SUSTAINABLE MANAGEMENT OF FOOD QUALITY (EDAMUS)	Sep. 16-June 18	Montpellier and other Consortium countries	UM/IAMM/IAMZ/ UNIBAS/UMC/UCP
* MASTER IN AGRO-FOOD MARKETING	25 Sep. 17/1 June 18	Zaragoza	IAMZ
MYCOTOXINS IN CEREAL FOOD/FEED CHAINS	22-26 Jan. 18	Zaragoza	IAMZ/Agrotecnio
FOOD LOSS AND WASTE REDUCTION AND MANAGEMENT	21-25 Jan. 19	Zaragoza	IAMZ
ANTIMICROBIAL RESISTANCE: IMPLICATIONS FOR ANIMAL HEALTH AND FOOD SAFETY	18-22 Mar. 19	Zaragoza	IAMZ/FAO
BIG DATA APPLICATIONS IN THE FOOD CHAIN	17-21 June 19	Zaragoza	IAMZ

FISHERIES AND AQUACULTURE

* MASTER IN SUSTAINABLE FISHERIES MANAGEMENT	10 Oct. 17/15 June 18	Alicante	UA/IAMZ/MAPAMA/FAO-GFCM
MONITORING ENVIRONMENTAL EFFECTS OF AQUACULTURE	18-22 Sep. 17	Zaragoza	IAMZ
ADVANCES IN FISH REPRODUCTION AND THEIR APPLICATION TO BROODSTOCK MANAGEMENT	19-24 Feb. 18	Castellón	IAMZ/CSIC-IATS
MANAGING DISCARDS IN FISHERIES: ECOLOGICAL AND SOCIOECONOMIC ANALYSIS AND METHODOLOGIES	9-13 Apr. 18	Zaragoza	IAMZ/EU-MINOUEW project
* MASTER IN AQUACULTURE	3 Oct. 18/14 June 19	Las Palmas de Gran Canaria	ULPGC/IAMZ
APPLICATION OF EPIDEMIOLOGY IN AQUATIC ANIMAL HEALTH	25 Feb. – 1 Mar. 19	Zaragoza	IAMZ
SEAFOOD VALUE CHAIN ANALYSIS	13-17 May 19	Zaragoza	IAMZ/FAO

■ **Master Programmes** (120 ECTS) (marked * in the list). They initiate every two years. The dates correspond to the 1st year of the Masters.

- PLANT BREEDING: 18-19; 20-21; 22-23
- OLIVE GROWING AND OIL TECHNOLOGY: 17-18; 19-20; 21-22
- ANIMAL NUTRITION: 17-18; 19-20; 21-22
- ANIMAL BREEDING AND REPRODUCTION BIOTECHNOLOGY: 18-19; 20-21; 22-23
- INTEGRATED PLANNING FOR RURAL DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT⁽¹⁾
- AGRO-FOOD MARKETING⁽¹⁾
- AQUACULTURE: 18-19; 20-21; 22-23
- SUSTAINABLE FISHERIES MANAGEMENT: 17-18; 19-20; 21-22

(1) These two Master programmes are under a process of academic reorganization. The organization of the forthcoming editions will be announced in due time on the IAMZ website.

The Masters are essentially aimed at university graduates in the process of attaining a postgraduate specialization. Nevertheless, the 1st year is structured in independent units to facilitate the attendance of professionals interested in partial aspects of the programme. Participants fulfilling academic requirements may opt to continue for a 2nd year for the obtention of the Master of Science Degree. The deadline for submission of applications for the Masters in Plant breeding, Animal breeding and reproduction biotechnology and Aquaculture is 4th May 2018. The deadline for submission of applications to participate in the Master in Olive growing and oil technology is 15th April 2019. The deadline for submission of applications to participate in the Masters in Animal nutrition and Sustainable fisheries management is 4th May 2019.

The State of Spain has conferred the CIHEAM Master of Science degree, issued through the IAMZ, the equivalence with the official Master degree of the Spanish university system.

■ **Erasmus Mundus Master** (marked ** in the list). It is held every year. For more information and application consult <http://www.master-edamus.eu/>

■ **The short duration courses** are aimed preferably at researchers and professionals whose work is related to the subject matters of the courses. The registration period for these short courses will finish ninety days before the starting date of the course.

■ **Scholarships.** Candidates from CIHEAM member countries (Albania, Algeria, Egypt, France, Greece, Italy, Lebanon, Malta, Morocco, Portugal, Spain, Tunisia and Turkey) may apply for scholarships covering registration fees, and for scholarships covering the cost of travel and full board accommodation during the course. Candidates from other countries who require financial support should apply directly to other national or international institutions.

Nevertheless, in some of the courses jointly organized with other institutions, scholarships may be awarded for candidates of some non-CIHEAM member countries. It is advisable to consult the corresponding scholarship section in the information leaflet specifically provided for each course programmed.

■ **Information and registration.** The information leaflets of each course are published 6-8 months before the beginning of the course. The leaflets may be obtained from IAMZ or directly from the web site, where the corresponding information about application procedures is also available: www.iamz.ciheam.org



CIHEAM

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Mediterranean Agronomic Institute of Zaragoza (IAMZ)

Accredited as CIHEAM Institute in 1969, the IAMZ fulfils the objectives of developing agricultural cooperation by updating and perfecting the training of professionals and promoting research programmes of common interest for agriculture in the Mediterranean region.

The objectives guiding the development of the activities are focused on:

- The sustainability of the Mediterranean agricultural and natural systems
 - Sustainable agriculture.
 - Policies and management of ecosystems and natural resources.
- Increasing the value of Mediterranean productions
 - Improvement of the efficiency of production systems and markets.
 - Valorization of agro-food products.
 - Introduction and application of innovative methods and techniques.

Plant and animal productions, food technology and marketing, environment, and fisheries and aquaculture are the work areas that frame the courses and the cooperative research programmes.

The activities involve annually more than 500 professionals of 40 nationalities that participate in the courses, 370 lecturers from more than 30 countries and 400 Mediterranean researchers integrated in the cooperative research programmes that IAMZ coordinates.

A large part of the activities are carried out in collaboration with numerous national and international institutions of the Mediterranean region taking place both at the IAMZ and in other centres of Mediterranean countries.

The IAMZ is situated on the Campus of Aula Dei and some of its activities interact closely with the research and experimentation programmes that are carried out in the various institutions on campus.

The IAMZ has collaboration agreements with the main universities of the neighbouring area.

International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM)

An intergovernmental organization created in 1962 under the auspices of the Council of Europe and the OECD.

Mission: To develop cooperation between Mediterranean countries through postgraduate training and promotion of cooperative research in the field of agriculture and natural resources.

Member countries: Albania, Algeria, Egypt, France, Greece, Italy, Lebanon, Malta, Morocco, Portugal, Spain, Tunisia and Turkey.

Governing Board: Directs the policy of the Centre. Composed of a representative of each member country, and representatives of the Council of Europe and the OECD. The FAO, the EC, and the AOAD participate as observers.

Scientific Advisory Committee: Members are eminent independent scientists that advise the Governing Board in the definition of the Centre's scientific policy.

General Secretariat: Coordinates the activities of the Centre. Its headquarters are in Paris. It is composed of the Secretary General, the Directors of the Mediterranean Agronomic Institutes and the attached staff.

Mediterranean Agronomic Institutes: The Centre has 4 Mediterranean Agronomic Institutes situated in Bari (Italy), Chania (Greece), Montpellier (France) and Zaragoza (Spain).