Diploma Supplement
Record of Academic Achievement

XXXXXXXXXX

Master of Science

xxx

Diploma serial number:
XXX

Diploma Supplement
Record of Academic Achievement

This Diploma Supplement follows the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international "transparency" and fair academic and professional recognition of qualifications (diplomas, degrees, certificates, etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1 Family name(s): XXX
1.2 Given name(s): XXX
1.3 Father's name: XXX
1.4 Place and date of birth (*day/month/year*): XXX
1.5 Nationality: XXX
1.6 Student identification number or code (*if available*): XXX

2 INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of qualification and (*if applicable*) title conferred (*in original language)*:
Master of Science
2.2 Main field(s) of study for the qualification: **Sustainable Agriculture**
2.3 Name and status of awarding institution (*in original language*):
International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM). International organization created by an intergovernmental agreement in 1962, ratified by the Greek government (Law 4443/1964) and the governments of the other member countries[1], which has been entrusted the duty of providing higher education at postgraduate level in the following sectors: Food Production and Quality Management, Environment and Natural Resources Management, Economics and Development Policies, Fisheries and Aquaculture. Each Mediterranean Agronomic Institute (MAI) of CIHEAM (Bari-Italy, Chania-Greece, Montpellier-France and Zaragoza-Spain) provides specific postgraduate programmes within the above sectors.
2.4 Name and status of institution (*if different from 2.3*) administering studies (*in original language*):
Mediterranean Agronomic Institute of Chania (MAICh). **Accredited institute of CIHEAM in Greece, Law 1537/1985** as ratified by the Greek Parliament under the provisions of article 28 of the Greek Constitution (2/3 majority).
2.5 Language(s) of instruction/examination: **English**

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1 Level of qualification: Postgraduate level. **Master of Science**
3.2 Official length of programme: Two academic years (min 120 ECTS)
3.3 Access requirement(s):
- *First part: Postgraduate Specialization Diploma* (min 60 ECTS)
  Applicants must have the academic level that qualifies them to undertake postgraduate level studies in their home country or must have a Bachelor's degree equivalent to a minimum of a four-year undergraduate study programme. Their degree must also be in a discipline compatible with the area of specialisation they choose to pursue (agricultural engineering or any related field). Knowledge of the English language is mandatory and proof of proficiency in English is required. A minimum TOEFL score of 500 is essential for the awarding of the Postgraduate Specialisation diploma.

[1] Albania, Algeria, Egypt, France, Greece, Italy, Lebanon, Malta, Morocco, Portugal, Spain, Tunisia, Turkey

- *Second part: M.Sc. Thesis* (60 ECTS)
  Students must have obtained an overall ECTS grade equalling or exceeding B (average numerical score equal to or above 70/100) in the first part of the programme and are required to submit an approved research proposal indicating the research topic they are going to pursue. An Institutional or Official TOEFL with a score exceeding 550 or with an equivalent score as well as a TWE pass are necessary preconditions for acceptance to the Master of Science programme. Other acceptable certificates allowing students to pursue a Master's degree and exempting them from sitting the TOEFL exam are Michigan or Cambridge Proficiency, IELTS, an undergraduate degree from a University where all courses are in English and which is located in a country where English is the native language.

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1 Mode of study: Full-time, mandatory presence.

- *The first part of the programme* is carried out at MAICh.
- *The second part of the programme* is carried out entirely at MAICh, or partly at MAICh and partly in collaborating universities or research institutions.

4.2 Programme requirements:

- *First part: Postgraduate Specialization Diploma* (min 60 ECTS)
  Students must attend all lectures, seminars and conferences and carry out applied and supervised work scheduled in the programme. A full-time presence is required. Assessment and evaluation of the work corresponding to the credits awarded is always required.
  Oral Examination: In addition to the written examinations, a comprehensive oral examination conducted by an Examination Board will be held at the end of the academic year. The relative weight to the total grade is 15%. There in no retake of the oral examination.
  Retake Policies and Incomplete Courses: To improve grades or to be graded for incomplete courses students have the option of retaking course examinations of their preference equivalent of 9 ECTS credits during a weeklong retake period.
- *Second part: M.Sc. Thesis* (60 ECTS)

This is dedicated to the elaboration of a supervised original thesis based research work. The "Master of Science" thesis is submitted and evaluated by a three member Committee assigned by MAICh.

4.3 Programme details (e.g. modules or unit studied), and the individual grades/marks/credits obtained:

(*if this information is available in an official transcript this should be used here*)

See ANNEX for Analytical Syllabus.

First part: Postgraduate Specialization Diploma - Academic Year XXX

Course unit code - Title of the course unit	ECTS credits (1)	Numerical score (2)	Grade (3)
SAG510 – Biometrics [3 ECTS]			
SAG512 - Crop Experimentation	3		B
SAG520 - Introduction to Sustainability [12 ECTS]			
SAG521 – Agro-Ecosystems and Population Dynamics	3		B
SAG522 – Ecotoxicology	3		B
SAG523 – Agro-Environmental Impact Assessment and Farm Management	3		A
SAG524 – Quality Assurance & Good Agriculture Practice	3		C
SAG530 – Natural Resources Management [9 ECTS]			
SAG531 – Soil Properties and Quality Assessment and Composting Technology	3		A
SAG531.1 – Soil Properties and Quality Assessment (60%)			
SAG531.2 – Composting Technology (40%)			
SAG532 – Nutrient Management and Soil Fertility Improvement	3		B
SAG533 – Water Management	3		A
SAG540 – Assessment of Genetic Resources [9 ECTS]			
SAG541 – Agrobiodiversity Assessment & Management	3		B
SAG542 - Seed Production and Quality Management and Plant Breeding	3		A
SAG542.1 – Seed Production and Quality Management (60%)			
SAG542.2 – Plant Breeding (40%)			
SAG543 – Biotechnological Approaches to Plant Propagation	3		A
SAG550 – Crop Protection [15 ECTS]			
SAG551 – Plant/Pest interactions & Integrated Pest Management	3		A
SAG551.1 – Integrated Pest Management (40%)			
SAG551.2 - Plant/Pest interactions (60%)			
SAG552 – Fungal and Bacterial Disease Management	3		B
SAG553 – Detection and Epidemiology of Plant Virus Diseases	3		A
SAG554 – Insect Management	3		B
SAG556 – Biotechnological Approaches to Crop Protection	3		A
SAG560 - Greenhouse Management [9 ECTS]			
SAG561 – Crop Modelling and Bioclimatology	3		A
SAG562 - Greenhouse Technology and Climate Control	3		B
SAG563 - Soilless Culture	3		B
SAG570 – Case Studies in Integrated & Organic Farming Systems [3 ECTS]			
SAG571 – Case Studies in Organic and Integrated Production - olive trees, vegetables	3		A
SAG571.1 – Case Studies in Organic and Integrated Production of vegetables (60%0			
SAG571.2 – Case Studies in Organic and Integrated Production of olive trees (40%)			
SAG572 – Case Studies in Organic and Integrated Production (citrus trees, grapevine) – Audit	-	Audit	-
Oral Exams		90	A
TOTAL ECTS - TOTAL GRADE	**60**	**86**	**A**
English Proficiency			
TOEFL ITP			**603**
TWE			**4**

(1) 1 full academic year = min 60 ECTS
(2), (3) See 4.4

Second part: M.Sc. Thesis – Academic Year XXX

MSc thesis title	XXX
Internal Supervisor(s)	XXX
Place where work has been carried out	MAICh
Evaluation committee	(1) XXX (2) XXX (3) XXX
Date submitted	XXXX
ECTS credits (1)	60
Numerical score (2)	70
Grade (3)	B

4.4 Grading scheme and, if available, grade distribution guidance: The grading scheme applicable to pass each academic unit during the first part of study is as follows:

Grade	Numerical score	Definition
A	85 - 100	Outstanding performance with only minor deficiencies.
B	70 - 84	Above the average standard but with some deficiencies.
C	50 - 69	Performance meets the minimum criteria. Fair but with shortcomings.
D	40 - 49	Some more work required before the credit can be directly awarded. Students may retake the test.
F	0 – 39	Considerable further work is required. No credit awarded.

To pass the first part of the programme the awarded average must be equal to or above 50, no section graded below 50 and no unit graded below 40. To be admitted to the second part of the programme the weighted average of the numerical score must be equal to or above 70.
To pass the second part of the programme the grade obtained in the Master thesis must be equal to or above 50, the grading scheme being the same as that in the first part of the programme. No resubmission of the thesis is allowed.
Distinctions in the first and second part of the programme are awarded as follows:
Cum Laude, overall grade equal to B, average numerical score between 70 and 84
Cum Maxima Laude, overall grade equal to A, average numerical score equal to or above 85
4.5 Overall classification of the qualification (*in original language*):
First part of the programme: 86, A (*Cum Maxima Laude* distinction)
Second part of the programme: 70, B (*Cum Laude* distinction)

5 INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study: Access to a scientific doctoral study programme and/or professional career opportunities
5.2 Professional status (*if applicable*): Not applicable

6 ADDITIONAL INFORMATION

6.1 Additional information:
In the Postgraduate specialization programme instruction is delivered by visiting faculty from all over the world, coming from universities, higher education institutions and research centres under the coordination of the qualified scientists of MAICh (min post-doctoral studies).
In the Master of Science programme, students' research theses are supervised by affiliated professors (external supervisors) who are leading academicians/researchers in their disciplines and / or MAICh post-doctoral researchers (internal supervisors). MAICh has developed strong links with other European and North American Universities.
The length of this part of the programme should not exceed one academic year. It may, however be extended with the necessary approval.
The international character of the programme is also strengthened by the origin of the students who come mostly from CIHEAM Mediterranean member countries but also from other parts of the world, mainly the Balkans, Asia and Africa.
6.2 Further information sources:
MAICh Academic Informational Handbook for Postgraduate students;
On the institution website: www.maich.gr and on the organization website: www.ciheam.org

7 CERTIFICATION OF THE SUPPLEMENT

Diploma of Specialized Studies No D0000XXXX / XXX

Master of Science No M000XXX / XXX
7.1 Date: XXX
7.2 Signature: XXX

7.3 Capacity: Director of MAICh (on behalf of the CIHEAM President and the CIHEAM Secretary General)
7.4 Official stamp or seal[2]:

8 INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM(S)

CIHEAM being an intergovernmental institution does not conform to any particular national educational system or its regulations. CIHEAM adapts the characteristics of its M.Sc. degree and academic regulations to EU guidelines under the Bologna process.
The following Universities are affiliated with and have being accepting the M.Sc. graduates of MAICh directly into their PhD programmes providing full scholarships:

Agricultural Univ. of Wageningen, NL
Aristotelian Univ of Thessaloniki, GR
Catholic University of Leuven - BE
Cornell Univ. College of Agriculture and Life Sciences, USA
Economic Univ. of Athens, GR
Imperial College (ICRF), UK
Mc Master, CA
Michigan State Univ. USA
Nijenrode University and University of Leiden, NL
Pennstate -The Pennsylvania State University, USA
Purdue University, USA
Rutgers -The State University of New Jersey, USA
Univ. of Patras, GR
University of Aachen, GE
University of Athens, GR
University of Florida, USA
University of Hamburg, GE
University of Kentucky, USA
University of Maryland, USA
University of Nebraska-Lincoln, USA
University of Newcastle, UK
University of Pennsylvania, USA
University of Reading, UK
University of Viterbo, IT
University of Saskatchewan, CA
Virginia Technical University, USA
Wye College, Univ.Of London, UK

[2] **This document is not valid without the indication of an impressed seal engraved on it./Δεν έχει ισχύ χωρίς ανάγλυφη σφραγίδα**