

Why studying this MSc Degree?

In recent years landscaping, gardening, and environmental issues have acquired high global relevance to development in the agricultural sector. Therefore, their technical complexity, technological progress, and investments made require high professionalization and qualification of technicians and entrepreneurs involved.

Our MSc programme offers studies up to the same standard as those already existing in other foreign universities in these areas: design, project, planning, execution, maintenance, and management of landscape, environment, and gardening tasks.

Goals:

MSc Degree in Gardening and Landscaping offers studies at a very high academic level in the fields of design, project, planning, execution, maintenance, and management of landscape, environment, and gardening tasks.

Target group:

This MSc Degree is specially oriented towards BSc Degrees, Engineering Degrees, and Short-Cycle Degrees in the fields of agriculture, architecture, forestry, environment, landscape, and biology.

Suitable for those graduates of the public or private sector whose interest is related to these matters and wish to update their knowledge in these fields.

Branch: Engineering and Architecture

Area: Agroforestry Engineering and Environment

Orientation: Professional

Credits: 90 ECTS

Duration: 3 Semesters

Education: Attendance-based

Number of places: 30

Language: Spanish

Contact details:

Departamento de Producción Agraria

Escuela Técnica Superior de Ingeniería Agronómica,

Alimentaria y de Biosistemas (ETSIAAB)

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For more information and registration:

www.etsiaab.upm.es/docencia/masteres

** The subjects will be taught in Spanish if all the students are Spanish-speaking.*



Escuela Técnica Superior de Ingeniería
Agronómica, Alimentaria y de Biosistemas

MSc Degree in Gardening and Landscaping



UNIVERSIDAD
POLITÉCNICA
DE MADRID



ESCUELA TÉCNICA SUPERIOR
DE INGENIERÍA AGRONÓMICA,
ALIMENTARIA Y DE BIOSISTEMAS

MSc Degree in Gardening and Landscaping

ETSIAAB

Curriculum

COURSES	ECTS	SEM
MODULE I: HISTORY		
History of Gardening	4	1
Historical Gardens in Madrid	2	2

MODULE II: ORNAMENTAL PLANTS AND GARDENING TECHNIQUES	ECTS	SEM
Applied Botany	3	1
Ornamental Plants	5	A
Settlement of Gardens	6	A
Maintenance Techniques in the Garden	8	3

MODULE III: LANDSCAPING	ECTS	SEM
Landscape Ecology: Environmental Impacts	4	1
Landscape Analysis: Climatic and Edaphic Factors	4	1
Landscaping (I)	2	2
Landscaping (II)	2	3

MODULE IV: INSTALLATIONS AND INFRASTRUCTURE	ECTS	SEM
Soils and Terrains Systematization. Soil Drainage	4	1
Electrical Installations and Equipment	3	2
Irrigation Systems I	2	2
Irrigation Systems II	2	3
Civil Works in the Garden and Gardening Equipment	3	3

MODULE V: DESIGN AND PROJECTS	ECTS	SEM
Technical Project Documents. PC Software	3	1
Hand and Digital Drawing	5	A
(Pocket or Small) Garden Design Workshops	2	2
Urban Garden Design Workshops	2	2
Urban Park Design Workshops	2	3
Gardening and Landscaping Firms	2	3

A: Annual

MODULES VI & VII	ECTS	SEM
Company Internships	10	Undefined
Final Master Degree Project	10	Undefined

Structure

MODULE I	HISTORY	6 COMPULSORY ECTS
MODULE II	ORNAMENTAL PLANTS AND GARDENING TECHNIQUES	22 COMPULSORY ECTS
MODULE III	LANDSCAPING	12 COMPULSORY ECTS
MODULE IV	INSTALLATIONS AND INFRASTRUCTURE	14 COMPULSORY ECTS
MODULE V	DESIGN AND PROJECTS	16 COMPULSORY ECTS
MODULE VI	COMPANY INTERNSHIPS	10 COMPULSORY ECTS
MODULE VII	FINAL MASTER DEGREE PROJECT	10 COMPULSORY ECTS

The varied profile of the students promotes multidisciplinary workingteams similar to professional life.

