

I. GENERAL PROVISIONS

MINISTRY OF SCIENCE AND INNOVATION

2806 Order CIN/326/2009, of February 9, which establishes the requirements for the verification of official university degrees that qualify for the exercise of the profession of Forestry Engineer.

The ninth additional provision of Royal Decree 1393/2007, of October 29, which establishes the organization of official university education, establishes that the Ministry of Science and Innovation will specify the contents of its Annex I to which they must comply the applications submitted by universities to obtain verification of the study plans leading to the obtaining of official Bachelor's or Master's degrees, provided for in article 24, which enable the exercise of regulated professions.

Current legislation establishes the profession of Forestry Engineer as a regulated profession whose exercise requires being in possession of the corresponding official Master's degree obtained, in this case, in accordance with the provisions of article 15.4 of the aforementioned Royal Decree 1393/2007, in accordance with to the conditions established in the Agreement of the Council of Ministers of December 26, 2008, published in the "Official State Gazette" of January 29, 2009.

In said Agreement, while the appropriate reforms to the regulation of professions in general in Spain are established, the conditions to which the study plans must be adapted are determined. In its fourth section, in relation to the ninth additional provision mentioned above, it entrusts the Minister of Science and Innovation with establishing the requirements regarding objectives and title of the title and planning of the teachings.

Therefore, in view of the aforementioned provisions, it is appropriate to establish the requirements to which the study plans leading to obtaining the Master's degrees that qualify for the exercise of the profession of Forestry Engineer must be adapted, which present the universities for verification by the Council of Universities.

In the preparation of this order, the interested colleges and professional associations have been heard. It has also been informed by the Government Delegate Commission for Economic Affairs at its meeting on January 29, 2009.

In its virtue, following a report from the Council of Universities, I have:

Unique item. *Requirements of the study plans leading to obtaining Master's degrees that qualify for the exercise of the profession of Forestry Engineer.*

The study plans leading to obtaining the Master's degrees that enable the exercise of the profession of Forestry Engineer, must comply, in addition to the provisions of Royal Decree 1393/2007, of October 29, by which establishes the organization of official university education, the requirements regarding the sections of Annex I of the aforementioned Royal Decree that are indicated in the Annex to this Order.

First final provision. *Application and development enablement.*

The General Directorate of Universities is authorized to issue the necessary resolutions for the development and application of this Order.

Second final provision. *Entry into force.*

This Order will come into force on the day following its publication in the "Official State Gazette."

Madrid, February 9, 2009. -The Minister of Science and Innovation, Cristina Garmendia Mendizábal.

EXHIBIT

Establishment of requirements regarding certain sections of Annex I of the Royal Decree 1393/2007, of October 29, which establishes the organization of official university education, relating to the report for the request for verification of official degrees

Section 1.1 *Name.* -The name of the degrees must comply with the provisions of the second section of the Agreement of the Council of Ministers of December 26, 2008, which establishes the conditions to which the study plans leading to the obtaining titles that enable the exercise of the regulated profession of Forestry Engineer, published in the "Official State Gazette" of January 29, 2009 by Resolution of the Secretary of State for Universities of January 15, 2009, already provided in this Order. So:

1. The name of the official university degrees referred to in the previous section must facilitate the identification of the profession for which it is qualified and in no case may it lead to error or confusion regarding its professional effects.

2. No study plan corresponding to an official university degree whose name includes an express reference to the profession of Forestry Engineer may be subject to verification by the Council of Universities without said degree meeting the conditions established in the aforementioned Agreement and in this Order.

3. No degree may use the name Master's Degree in Forestry Engineering without comply with the conditions established in said Agreement and in this Order.

Section 3. *Objectives.* -To obtain the degree, the student must have acquired the following competencies:

Ability to apply marketing and commercialization techniques for forest products.

Ability to design, direct, prepare, implement and interpret projects and plans comprehensive actions in the natural environment.

Ability to plan, direct and manage forestry industries and facilities first and subsequent transformations.

Ability to apply and define criteria and indicators in the field of environmental auditing.

Ability to develop techniques and projects in the field of renewable energies.

Ability to develop techniques and projects in the field of forest genetics.

Capacity for the development of forest policies.

Section 4. *2 Conditions for access to the Master.*

4.2.1 Anyone who has previously acquired the skills set out in section 3 of the Ministerial Order establishing the requirements for the verification of titles will be able to access the Master's degree that enables them to practice the profession of Forestry Engineer. official university students who qualify for the exercise of the profession of Technical Forest Engineer and their training must be in accordance with that established in section 5 of the aforementioned Ministerial Order.

4.2.2 Likewise, access to the master's degree will be allowed when the degree certificate of the interested party accredits having completed the basic training module and the module common to the branch, not yet covering a complete block of the specific technology module and 48 credits of those offered in the set of blocks of said module of a degree title that qualifies for the exercise of Technical Forestry Engineer, in accordance with the aforementioned Ministerial Order.

4.2.3 Likewise, those who hold any degree may access this Master's Degree, without prejudice to the establishment of any prior training complements deemed necessary in this case.

The previous sections will be understood, without prejudice to the provisions of the article 17.2 and in the fourth additional provision of royal decree 1393/2007, of October 29.

Section 5. *Planning of teachings.* -The degrees referred to in this agreement are official university Master's degrees, and their study plans must be organized so that the total duration of the Bachelor's and Master's training is not less than 300 hours. European credits, referred to in article 5 of the aforementioned Royal Decree 1393/2007, of October 29. To obtain the master's degree, postgraduate training will be required based on the skills contemplated in the Master's degree and the skills of the bachelor's degree held by the applicant, which, in total, does not exceed 120 European credits.

These teachings will conclude with the preparation and public defense of a Master's final project, which will count between 6 and 30 credits and which in any case will be counted in the overall duration limit of the master's degree.

The total set of postgraduate training must appear in the European Supplement to the degree.

The study plan must include at least the following modules:

Module	No. of credits Europeans	Skills to be acquired
Forest Industries and Energies.	twenty	<p>Ability to draft, direct and execute projects for the unwinding, sawmilling and furniture industries and for the use of renewable energy.</p> <p>Ability to draft, direct and execute projects in pulp and paper industries, fiberboard, particleboard and plywood industries and wood distillation industries.</p> <p>Adequate knowledge and ability to design and size forest industry and product facilities.</p> <p>Renewable energies in the Forest and Natural environment.</p>
Forest planning and improvement on a territorial scale.	twenty	<p>Knowledge and ability to design comprehensive sustainable development plans for forest regions and the development of management indicators.</p> <p>Ability to design and calculate declaration plans and/or management of protected natural spaces.</p> <p>Territorial Planning Plans, Mountain Areas and Zones Coastal.</p> <p>Hydrological planning and fight against desertification.</p> <p>Ability to control pollution of the Natural Environment due to industrial activity and waste management.</p> <p>Forest genetic improvement.</p> <p>Development of forest quality and audit systems environmental.</p>

Module	No. of credits Europeans	Skills to be acquired
Organization of Companies and Forest Policy and the Natural Environment.	twenty	<p>Ability to analyze and diagnose the environment and the company itself, preparation and management of business plans and carrying out profitability studies on forestry investments.</p> <p>Knowledge for the rationalization of production processes and work methods.</p> <p>Knowledge of tools for economic and financial analysis and ability to manage economic resources.</p> <p>Knowledge of marketing strategies, market studies and distribution policies.</p> <p>Knowledge of communication tools, information, motivation and management of personnel.</p> <p>Adequate knowledge of the basic problems that affect the design of forestry policy measures at the regional, state and international levels.</p> <p>Global strategies for the protection of the natural environment. Forestry and natural environment sociology.</p>
Master's final project.		Completion, presentation and defense, once all the credits of the study plan have been obtained, of an original exercise carried out individually before a university tribunal, consisting of a comprehensive Forestry Engineering project of a professional nature in which the skills acquired in the teachings.