

**DISCLAIMER - Automatic translation:** This document is an unofficial translation to facilitate the understanding of the university regulatory framework in Spain. The University is not responsible for it. The official version of this document is available in Spanish at the following link: [BOE-A-2011-19597 Real Decreto 1618/2011, de 14 de noviembre, sobre reconocimiento de estudios en el ámbito de la Educación Superior.](#)

**NOTA ACLARATORIA – Traducción automática:** *El presente documento es una traducción no oficial para facilitar a los interesados la comprensión del marco regulatorio universitario en España. La Universidad no se hace responsable de la misma. Puede consultar en castellano la versión oficial del presente documento en el siguiente enlace: [BOE-A-2011-19597 Real Decreto 1618/2011, de 14 de noviembre, sobre reconocimiento de estudios en el ámbito de la Educación Superior.](#)*

## I.GENERAL PROVISIONS

### MINISTRY OF EDUCATION

**19597** *Royal Decree 1618/2011, of November 14, on the recognition of studies in the field of Higher Education.*

One of the objectives pursued with the implementation of the European Higher Education Area (EHEA) was to increase the compatibility and comparability between European Higher Education systems, respecting their diversity, with the intention of promoting the mobility of students, graduates, professors and administrative staff.

The student mobility pursued should not only be understood in its international dimension, but also within Spain, between the different teachings that make up Higher Education. In this sense, the Organic Law 2/2006 of May 3, 2006, on Education determines that "university education, higher artistic education, higher vocational training, higher professional education in plastic arts and design and higher sports education constitute higher education" (article 3.4).

Certainly, current legislation already allows the internal mobility of students between the different courses of study that make up the European Higher Education Area, through the system of recognition and validation of studies, although the rules that regulate it are broken down in the provisions governing each course of study.

In relation to university education, Royal Decree 1393/2007, of October 29, 2007, which establishes the organization of official university education, limits itself to providing generically that "credits taken in other higher education courses may be subject to recognition" (article 6.2).

For artistic teachings, the Organic Law 2/2006, of May 3, on Education, in its article 53.4, and article 28 of Royal Decree 596/2007, of May 4, establishing the general organization of the professional teachings of Plastic Arts and Design, establish that "the validations that could be established between the professional teachings of plastic arts and design of higher degree and university teachings" will be regulated. Article 27 of Royal Decree 596/2007, of May 4, 2007, also regulates the possibility of establishing validations or recognition of credits between higher level plastic arts and design studies and undergraduate artistic studies.

On the other hand, articles 10.2 of Royal Decrees 633, 634 and 635 (all of 2010), which regulate the basic contents of the degree courses in Design, Plastic Arts and Conservation and Restoration of Cultural Heritage, determines that "the Educational Administrations will recognize those who hold the Higher Technical Degrees in Plastic Arts and Design, the credits corresponding to the basic training and specialized training subjects (of the artistic education degree courses), when the specialty of the degree is directly related to the specific competences of the specialty being studied".

For sports education, article 65.4 of Organic Law 2/2006, and article 38 of Royal Decree 1363/2007, of October 24, which establishes the general organization of special regime sports education, provide that the Government, after consulting the Autonomous Communities and having heard the Council of Universities, shall establish validations between university studies and higher level sports education studies.

Finally, paragraph 3 of the first additional provision of Organic Law 4/2011, of March 11, 2011, complementary to the Sustainable Economy Law, which amends Organic Laws 5/2002, on Professional Qualifications and the

Vocational Training, 2/2006, of Education and 6/1985, of the Judiciary, entrusts the educational administrations and the universities, within the scope of their competences, to promote mobility between university and higher vocational training courses. The legislator, consistent with the essential purpose of the legal reform of promoting vocational training, devotes special attention to the mobility of vocational training students who intend to pursue official university studies (letters a), b) and c), but also refers to mobility in the opposite direction, from university studies to vocational training, when it entrusts the Government with the regulation of "the appropriate validations between the university degree studies, or equivalent, that they have taken and the corresponding professional modules of the higher level training cycle that they are taking" (letter d). With these measures, Organic Law 4/2011 aims to facilitate the mobility of students when there is a relationship between the undergraduate university studies, or equivalent, that they have taken and the professional modules of the higher level training cycle that they intend to take. From the analysis of this broad regulatory framework, it can be deduced the need for the Government to exercise the various legal powers and regulatory mandates that fall upon it to establish a general legal framework to promote the recognition of these studies among themselves. Recently, Royal Decree 1147/2011, of July 29, which establishes the general organization of vocational training in the educational system, reiterates the need for this regulation by entrusting the Government, by means of a royal decree, to establish the system of validations between higher education courses: university courses, vocational training courses and those of the higher education system. special (Article 38.2).

In accordance with the above, this Royal Decree gives a comprehensive treatment to the recognition of studies in the field of Higher Education, which necessarily starts from the principle, generally applied up to now, that the recognition of studies must be based on the similarity between the competences, knowledge and learning outcomes provided by the studies passed and those to be pursued. The novelty of the model lies in establishing direct relations between certain degrees, between which student mobility will be greatly facilitated.

The main difficulty in achieving this objective without undermining the purpose of the different courses of study lies in establishing these "gateways" between directly related degrees, especially with university courses, due to the absence of a closed catalog of official university degrees. To solve this problem, the references to university degrees have been directed in the first instance to the branches of knowledge, deferring their subsequent specification to agreements between the educational administration and the universities. The recognition of the effects of these agreements throughout the national territory ensures the effectiveness and efficiency of this cooperative model.

In any case, mobility between the different courses of study is possible thanks to the fact that, after the approval of Organic Law 2/2006, all official higher degrees have assigned a number of ECTS credits to their modules and subjects, just like university degrees, which provides objective parameters for comparing the duration and course load of the curricula and syllabuses. This common basis has made it possible to establish a minimum number of ECTS credits whose recognition is guaranteed when studies directly related to those already accredited are sought. This guaranteed minimum is determined according to the duration of the degree to be recognized and the studies to be pursued.

During its elaboration process, the Royal Decree has been submitted to the report of the State University Students Council, the Universities Council and the State School Council. It has also been submitted to the consideration of the Autonomous Communities through the Sectorial Conference of Education and the General Conference of University Policy.

By virtue thereof, on the proposal of the Minister of Education, with the prior approval of the Vice-President of the Government for Territorial Policy and Minister of Territorial Policy and

Public Administration, in agreement with the Council of State and after deliberation of the Council of Ministers at its meeting held on November 11, 2011,

PROVIDED

*Article 1. Purpose and scope of application.*

1. The purpose of this Royal Decree is to establish the system for the recognition of studies between the different courses of study that make up higher education.

2. This Royal Decree shall not apply to the validation or recognition between the following studies, which shall be governed by their specific regulations:

- a) The validation or recognition between studies of the same education.
- b) Validation between higher technical studies of different courses.

*Article 2. Studies eligible for recognition.*

1. Studies leading to the following official Spanish higher education degrees may be recognized:

- a) University graduate degrees.
- b) Degrees of graduation in artistic education.
- c) The titles of superior technician of plastic arts and design.
- d) The titles of higher vocational training technician.
- e) The titles of superior sports technician.

2. In general, only complete courses of study leading to the official degrees valid throughout the Spanish territory listed in the previous section may be subject to recognition.

However, the periods of studies passed leading to official Spanish university or artistic degrees and the specialization courses referred to an official degree of Higher Technician of Vocational Training or Higher Sports Technician of Sports Education may be subject to recognition, provided that they are officially accredited in ECTS credits.

3. Foreign degrees may also be considered for recognition purposes provided that they have been recognized as equivalent to any of the official Spanish higher education degrees, in accordance with the applicable regulations in each case.

*Article 3. Competent authorities.*

1. The educational administrations are responsible for the recognition of officially accredited undergraduate university studies, for the purpose of pursuing studies leading to the degree of higher technician, higher sports technician, or artistic education degree.

2. Universities are responsible for the recognition of officially accredited studies of higher education in the arts, sports or vocational training, for the purpose of pursuing programs of study leading to university degrees.

*Article 4. Evaluation criteria.*

1. The recognition of studies will be carried out taking into account the adequacy of the competences, knowledge and learning outcomes between the subjects leading to the obtaining of bachelor's degrees and the modules or subjects of the corresponding higher technical degree.

2. When there is a direct relationship between the qualifications claimed and those leading to the courses of study to be pursued, the competent authorities shall

shall guarantee the recognition of a minimum number of ECTS credits depending on the duration of the curricula or study plans, in accordance with the provisions of Annex 1.

Likewise, in these cases, the total or partial recognition must be given to the practical training of a similar nature and, specifically:

- a) External curricular internships in university and higher artistic degree courses.
- b) The professional module of Work Center Training of the higher vocational training courses.
- c) The credits assigned to the practical training phase in companies, studios and workshops of the higher professional education of plastic arts and design.
- d) The credits assigned to the Practical Training phase or module of the higher level sports education.

**Article 5. *Direct relations between degrees.***

1. For the purposes of the provisions of article 4.2, it shall be understood that there is a direct relationship between the qualifications belonging to different courses of study listed in annex 2, without prejudice to the provisions of the following section.

2. The direct relationship between university bachelor's degrees and bachelor's degrees in artistic education, higher technical education and higher technical sports education will be established by means of an agreement between the universities that offer them and the corresponding educational administration.

The relations to be established shall respect the branches of knowledge provided for in Annex 2, as well as the general criteria to be determined by the Minister of Education.

Agreements entered into between a university and the educational administration shall have nationwide effect, shall be communicated to the Ministry of Education and shall be subject to official publication.

3. The Ministry of Education shall maintain, in a publicly accessible format, an updated list of all the qualifications of different courses of study that are directly related, for the purpose of recognition of studies.

**Article 6. *Limits to recognition or validation.***

1. The procedure regulated in this Royal Decree may in no case entail the obtaining of another higher education degree through the recognition of the totality of its teachings.

2. In no case may credits corresponding to the following be recognized or validated:

- a) The end-of-degree projects of university or higher artistic education.
- b) The modules of final work or integrated project of the professional teachings of plastic arts and design.
- c) The professional project modules of the vocational training courses.
- d) The final project modules of sports education.

3. Recognized studies may not exceed 60 percent of the credits of the study plan or curriculum of the degree to be pursued.

4. When the recognition is requested for studies leading to a degree that gives access to the exercise of a regulated profession, it must be verified that the alleged studies meet the conditions required for the curricula and syllabuses whose completion guarantees the necessary professional qualification.

*Article 7. Initiation of the procedure.*

1. The application for recognition shall be submitted to the center or institution in which the interested party is enrolled to pursue the studies for which the recognition of studies is required, and shall be addressed to the competent authority provided for in Article 3 of this Royal Decree.

The applicant must have paid the tuition fees for the studies for which recognition is requested.

2. These applications must be submitted within one month of the official start of the course in which the interested party is enrolled.

3. Applications must be accompanied by official accreditation of the studies for which recognition is requested, by means of the official higher education degree issued by the competent Spanish authorities or a certificate in lieu thereof.

In the case of partial undergraduate studies, the official academic certification corresponding to the studies completed must be provided.

The Ministry of Education, in collaboration with the Autonomous Communities and the universities, will promote the necessary mechanisms so that the interested parties may substitute the provision of these documents for the authorization to the instructor of the procedures to provide them directly, when necessary.

*Article 8. Resolution.*

1. The maximum term to resolve and notify the resolutions will be three months from the day following the day the application is received at the registry of the competent body to resolve.

2. The expiration of the maximum term without notification of an express resolution entitles the interested party or parties who have filed the application to understand it to have been rejected by administrative silence.

*Article 9. Effects of recognition.*

1. The recognition of studies will entail the acceptance by the competent authorities of the credits obtained in other higher education courses for the purpose of obtaining an official degree of those provided for in Article 2.1 of this Royal Decree.

2. The recognition will entail the validation or exemption from taking the modules, subjects or subjects to be determined, for the purpose of obtaining the official Higher Education degree being taken.

In the titles of Higher Vocational Training Technician, the exemption can only be made for the professional modules not associated with professional competence units, except for Training and Occupational Guidance.

*First additional provision. New higher technical degrees.*

The Royal Decrees establishing new degrees of higher technician or higher sports technician and setting their minimum teaching requirements must determine the degrees or branches of knowledge of other higher education with which they establish a direct relationship.

*Second additional provision. Electronic administration.*

The Ministry of Education, in collaboration with the Autonomous Communities and the universities, shall promote measures for the implementation of Electronic Administration in the procedures regulated in this Royal Decree, in accordance with the provisions of Law 11/2007, of June 22, 2007, on electronic access of citizens to Public Services.

Third additional provision. *Direct relations with UNED undergraduate degrees.*

In accordance with the first additional provision of Organic Law 6/2001, of December 21, 2001, on Universities, the National University of Distance Education and the Ministry of Education will establish the agreements provided for in article 5.2 of this Royal Decree to specify the direct relations existing between the bachelor's degrees taught by the university and the bachelor's degrees in artistic education, higher technical vocational training, higher technical plastic arts and design and higher sports technician.

Fourth additional provision: *Non-commissioned officers of the Armed Forces prior to Law 39/2007.*

The non-commissioned officers of the Armed Forces who studied the curricula prior to those developed in execution of Law 39/2007 and whose training has been declared equivalent to the academic level of the degree of Higher Technician in accordance with Royal Decree 205/2002, of February 22, on general guidelines of the curricula of the military training education for the incorporation to the Non-Commissioned Officer Scales of the Armed Forces, may request their recognition for the purpose of studying official university degree courses in the terms that, where appropriate, are determined by the Minister of Education.

First transitory provision. *Proceedings initiated.*

Validation or recognition procedures initiated prior to the entry into force of this Royal Decree shall be governed by the regulations in force at the time the application was submitted, without prejudice to the right of the interested parties to withdraw the application and initiate a new procedure in accordance with the provisions of this Royal Decree.

Second Transitory Provision. *Transfers to the Autonomous Communities.*

Until the Autonomous Communities effectively assume them through the corresponding transfer agreements, the Ministry of Education will continue to perform the functions of validation of the official studies of university and higher artistic degree courses, of higher vocational training and plastic arts and design courses, and of higher sports courses, for those who are studying vocational training, plastic arts and design and sports courses.

First final provision. *Competent title.*

This Royal Decree is issued under the protection of the 30th rule of Article 149.1 of the Constitution, which reserves to the State the exclusive competence for the regulation of the conditions for obtaining, issuing and homologation of academic and professional degrees.

Second final provision. *Qualifications.*

The Minister of Education is empowered to approve as many provisions as may be necessary for the development and application of this regulation and, in particular, to:

- a) To establish general criteria for the specification of the direct relationship between university undergraduate degrees and undergraduate degrees in artistic education, higher technical degrees and higher sports technical degrees.
- b) To establish specific criteria for the assessment of recognition between higher education courses, after a report from the State School Council, the Higher Council of Artistic Education and the Council of Universities, and after hearing the opinions of the Autonomous Communities.

c) To update Annex 2 of this Royal Decree, as a consequence of the approval of higher technician and higher sports technician degrees after the entry into force of this Royal Decree.

Third Final Provision. *Entry into force.*

1. This Royal Decree shall enter into force on the day following its publication in the Official Gazette. "Boletín Oficial del Estado".

2. The provisions of this Royal Decree shall apply to the recognition of studies requested for the purpose of pursuing higher education degrees as of the 2012/2013 academic year.

Given in Madrid, on November 14, 2011.

JUAN CARLOS R.

The Minister of Education,  
ÁNGEL GABILONDO PUJOL



## ANNEX 1

**Minimum number of ECTS credits whose recognition is guaranteed between related degrees, depending on the studies taken and those intended to be taken and for which recognition is requested.**

		Intended course of study				
		University degree	Artistic grade	TS Vocational Training	TS visual arts and design	Superior Sports Technician
Education	University degree		36	24	24	16
	Artistic grade	36		24	24	16
	TS Vocational training	30	30			
	TS visual arts and design	30	30			
	Senior Sports Technician	27	27			

## ANNEX 2

**Higher Education Degrees related to the application of the guaranteed minimum number of recognized credits of article 4.2.**

a) Relationships between artistic education degrees and branches of knowledge of undergraduate university education.

Undergraduate University Education	Undergraduate Artistic Education
(Branch of knowledge)	(Titles)
Arts and Humanities	- Design.
	- Fine Arts
	- Conservation and Restoration of Cultural Heritage.
	- Music.
	- Dance.
	- Dramatic Art.
Science.	- Conservation and Restoration of Cultural Heritage.
	- Design.
	- Plastic Arts.
Engineering and Architecture.	- Conservation and Restoration of Cultural Heritage.
	- Design.
	- Plastic Arts.
Health Sciences.	- Dance.
Social and Legal Sciences.	- Music
	- Dance.
	- Dramatic Art
	- Design

b) Relationships between higher vocational training degrees and branches of knowledge of undergraduate university education.

Vocational Education and Training (Degree)	Undergraduate University Education (branches of knowledge)
Superior Technician in Physical and Sports Activities Animation.	Social and Legal Sciences. Health Sciences.
Superior Technician in Navigation, fishing and maritime transport.	Engineering and Architecture.
Aquaculture Production Technician.	Science. Engineering and Architecture.
Superior Technician in Supervision and Control of the ship's machinery and installations.	Engineering and Architecture.
Superior Technician in Aquaculture.	Science. Engineering and Architecture.
Senior Technician in Administration and Finance.	Social and Legal Sciences.
Senior Secretarial Technician.	Social and Legal Sciences.
Superior Technician in Management Assistance.	Social and Legal Sciences.
Higher Technician in Management and Organization of Natural and Landscape Resources.	Science. Engineering and Architecture.
Higher Technician in Agricultural Business Management and Organization.	Science. Engineering and Architecture.
Superior technician in landscaping and rural environment.	Science. Engineering and Architecture.
Superior Technician in Forestry and Natural Environment Management.	Science. Engineering and Architecture.
Higher Technician in Editorial Design and Production.	Arts and Humanities. Engineering and Architecture.
Production Technician in Graphic Arts Industries.	Arts and Humanities. Engineering and Architecture.
Senior Technician in International Trade.	Social and Legal Sciences.
Senior Technician in Sales and Marketing Management.	Social and Legal Sciences.
Senior Technician in Transportation Management.	Social and Legal Sciences.
Superior Technician in Consumer Services.	Social and Legal Sciences.
Superior Technician in Transport and Logistics.	Social and Legal Sciences.
Higher Technician in Sales and Commercial Space Management.	Social and Legal Sciences.
Senior Technician in Marketing and Advertising.	Social and Legal Sciences.
Higher Technician in Development of Urban Planning Projects and Topographic Operations.	Engineering and Architecture.
Senior Technician in Development and Implementation of Construction Projects.	Engineering and Architecture.
Superior Technician in Realization and Plans of Works.	Engineering and Architecture.
Senior Technician in Building Projects.	Engineering and Architecture.
Senior Technician in Civil Works Projects.	Engineering and Architecture.
Superior Technician in Telecommunication and Computer Systems.	Engineering and Architecture.
Superior Technician in Automatic Regulation and Control Systems.	Engineering and Architecture.
Superior Technician in Electrotechnical and Automated Systems.	Engineering and Architecture.
Senior Technician in Electronic Product Development.	Engineering and Architecture.
Superior Technician in Electronic Maintenance.	Engineering and Architecture.
Superior Technician in Telecommunications and Computer Systems.	Engineering and Architecture.
Superior Technician in Automation and Industrial Robotics.	Engineering and Architecture.
Superior Technician in Energy Efficiency and Solar Thermal Energy.	Science. Engineering and Architecture.

Vocational Education and Training (Degree)	Undergraduate University Education (branches of knowledge)
Senior Technician in Power Plants.	Science. Engineering and Architecture.
Superior Technician in Renewable Energies.	Science. Engineering and Architecture.
Advanced Technician in Production Programming in Mechanical Manufacturing.	Engineering and Architecture.
Superior Technician in Foundry Production and Powder Metallurgy.	Engineering and Architecture.
Superior Technician in Metallic Constructions.	Engineering and Architecture.
Superior Technician in Optics and Antiojería.	Health Sciences. Engineering and Architecture. Science.
Superior Technician in Mechanical Manufacturing Design.	Engineering and Architecture.
Advanced Technician in Production Programming in Metal and Polymer Molding.	Engineering and Architecture.
Superior Technician in Tourist Animation.	Arts and Humanities. Social and Legal Sciences.
Higher Technician in Travel Agencies and Event Management.	Arts and Humanities. Social and Legal Sciences.
Superior Technician in Kitchen Management.	Social and Legal Sciences.
Higher Technician in Restaurant Services Management.	Social and Legal Sciences.
Higher Technician in Tourist Guide, Information and Assistance.	Arts and Humanities. Social and Legal Sciences.
Higher Technician in Tourism Accommodation Management.	Arts and Humanities. Social and Legal Sciences.
Superior Technician in Personal Image Consulting.	Health Sciences. Science.
Superior Technician in Aesthetics.	Health Sciences. Science.
Superior Technician in Integral Aesthetics and Wellness.	Health Sciences. Science.
Higher Technician in Styling and Hairdressing Management.	Health Sciences. Science.
Superior Technician in Image.	Arts and Humanities. Social and Legal Sciences. Architecture and Engineering.
Superior Technician in Audiovisual, Radio and Entertainment Production.	Arts and Humanities. Social and Legal Sciences. Architecture and Engineering.
Superior Technician in Audiovisual and Entertainment Production.	Arts and Humanities. Social and Legal Sciences. Architecture and Engineering.
Superior Sound Technician.	Arts and Humanities. Social and Legal Sciences. Architecture and Engineering.
Superior Technician in 3D Animations, Games and Interactive Environments.	Arts and Humanities. Social and Legal Sciences. Architecture and Engineering.
Higher Technician in Viticulture.	Science.
Advanced Technician in Processes and Quality in the Food Industry.	Engineering and Architecture. Science.
Superior Technician in Web Applications Development.	Science. Engineering and Architecture.
Superior Technician in Computer Systems Administration.	Science. Engineering and Architecture.

Vocational Education and Training (Degree)	Undergraduate University Education (branches of knowledge)
Superior Technician in Multiplatform Applications Development.	Science. Engineering and Architecture.
Superior Technician in Maintenance of Thermal and Fluids Installations.	Science. Engineering and Architecture.
Superior Technician in Development of Thermal and Fluids Installations Projects.	Science. Engineering and Architecture.
Superior Technician in Industrial Mechatronics.	Engineering and Architecture.
Superior Technician in Industrial Equipment Maintenance.	Science. Engineering and Architecture.
Superior Technician in Prevention of Professional Risks.	Science. Engineering and Architecture.
Carpentry and Furniture Product Development Technician.	Engineering and Architecture.
Superior Technician of Wood and Furniture Production.	Engineering and Architecture.
Superior Technician in Design and Furnishing.	Engineering and Architecture.
Plastics and Rubber Technician.	Science. Engineering and Architecture.
Senior Technician in the Manufacture of Pharmaceutical and Related Products.	Science. Engineering and Architecture.
Superior Technician in Pulp and Paper Processing Industries.	Science. Engineering and Architecture.
Environmental Chemistry Technician.	Science. Engineering and Architecture.
Superior Technician in Analysis and Quality Control Laboratory.	Science.
Superior Technician in Industrial Chemistry.	Science. Engineering and Architecture.
Superior Technician in Dental Prosthesis.	Health Sciences.
Superior Technician in Oral Hygiene.	Health Sciences.
Superior Technician in Orthoprosthetics.	Health Sciences. Engineering and Architecture.
Superior Technician in Prosthetic Audiology.	Health Sciences. Engineering and Architecture.
Higher Technician in Clinical Diagnostic Laboratory.	Health Sciences. Science.
Senior Technician in Pathological Anatomy and Cytology.	Health Sciences. Science.
Advanced Technician in Dietetics.	Science. Health Sciences.
Senior Technician in Health Documentation.	Social and Legal Sciences. Health Sciences.
Senior Technician in Radiotherapy.	Health Sciences Sciences.
Superior Technician in Diagnostic Imaging.	Health Sciences. Science.
Senior Environmental Health Technician.	Health Sciences. Science.
Senior Technician in Environmental Education and Control.	Science.
Superior Technician in Social Integration.	Social and Legal Sciences.
Higher Technician in Early Childhood Education.	Social and Legal Sciences.
Superior Technician in Sociocultural Animation.	Social and Legal Sciences.
Superior Technician in Sign Language Interpretation.	Arts and Humanities. Social and Legal Sciences.
Superior Technician in Tailor-made and Show Costumes.	Engineering and Architecture.
Vocational Education and Training (Degree)	Undergraduate University Education (branches of knowledge)
Higher Technician in Design and Production of Footwear and Accessories.	Engineering and Architecture.
Superior Technician in Pattern Making and Fashion.	Engineering and Architecture.
Higher Technician in Textile and Leather Technical Design.	Engineering and Architecture.
Higher Technician in Spinning and Weaving Textile Processes.	Engineering and Architecture.
Superior Technician in Textile Processes in Knitting.	Engineering and Architecture.

Superior Technician in Textile Finishing Processes.	Engineering and Architecture.
Superior Technician in Tannery.	Engineering and Architecture.
Automotive Technician.	Engineering and Architecture.
Senior technician in aeromechanical maintenance.	Engineering and Architecture.
Avionics maintenance technician.	Engineering and Architecture.
Superior Technician Manufacture and Transformation of Glass Products.	Engineering and Architecture.
Superior Technician in Development and Manufacture of Ceramic Products.	Engineering and Architecture.

c) Relationships between higher professional degrees of Plastic Arts and Design and branches of knowledge of undergraduate university education.

Professional Teaching of Plastic Arts and Design (Higher Technical Degrees)	Undergraduate University Education (branches of knowledge)
Applied Sculpture Arts.	Arts and Humanities. Engineering and Architecture.
Applied Apparel Arts.	Arts and Humanities. Engineering and Architecture.
Applied Book Arts.	Arts and Humanities. Social and Legal Sciences.
Applied Wall Arts.	Arts and Humanities. Engineering and Architecture.
Floral Art.	Arts and Humanities. Social and Legal Sciences
Artistic Ceramics.	Arts and Humanities. Science. Engineering and Architecture.
Graphic Design.	Arts and Humanities. Social and Legal Sciences.
Industrial Design.	Arts and Humanities. Engineering and Architecture.
Interior Design.	Arts and Humanities. Engineering and Architecture
Artistic Enamels.	Arts and Humanities. Engineering and Architecture
Art Jewelry.	Arts and Humanities. Engineering and Architecture
Artistic Textiles.	Arts and Humanities. Engineering and Architecture
Artistic Glass.	Arts and Humanities. Science. Engineering and Architecture.

d) Relationships between degrees of higher level sports education and branches of knowledge of undergraduate university education.

Sports Education (Higher Technical Degree)	Undergraduate University Education (Branch of Knowledge)
Superior sport technician in any sport modality.	Social and legal sciences Health sciences

e) Direct relations between artistic education degrees and higher vocational training technical degrees.

Artistic Education (Degrees)	Vocational Education (Higher Technical Degree)
Graphic Design.	Editorial Design and Production. LOGSE
	Production in Graphic Arts Industries. LOGSE
Interior Design.	Development and Application of Construction Projects. LOGSE.
	Building Projects. LOE.
Fashion Design.	Tailor-made Costumes and for Shows. LOE
	Pattern Making and Fashion. LOE.
Product Design.	Mechanical Manufacturing Design. LOE.
Plastic Arts in Ceramics.	Development and Manufacture of Ceramic Products. LOE.
Glass Fine Arts	Manufacture and Transformation of Glass Products. LOGSE.

f) Direct relations between artistic education degrees and higher technical degrees in Plastic Arts and Design.

Artistic Education (Grades)	Professional Teaching of Plastic Arts and Design (Higher Technical Degree)
Graphic Design.	Advertising Graphics.
	Illustration.
	Photograph.
Interior Design.	Project and Direction of Decoration Works.
	Furnishing
	Ephemeral Architecture
	Window dressing.
	Garden elements.
Fashion Design.	Clothing Styling.
	Clothing Modeling.
Product Design.	Modeling and Model Making
	Industrial Modeling
	Furniture.
Plastic Arts in Ceramics.	Artistic Ceramics (LOE)
	Modeling and Ceramic Tooling (LOE).
	Ceramic Coatings (LOE).
	Ceramic Floor and Wall Tiles.
	Artistic Ceramics (LOGSE).
	Modeling and Ceramic Tooling (LOGSE).
	Glass Arts.

Plastic Arts in Glass.

Artistic Stained Glass.