UNIVERSITAT POLITÈCNICA DE VALÈNCIA

Bachelor's Degree in **Industrial Design Engineering and Product Development**

Engineering and Architecture
Industrial and Aeronautical

School of Design Engineering
Building 7B
Campus of Vera (València)

4 courses
240 credits

Spanish and valencian

Credit 19,27€
(2020/2021)
It will make you eligible for scholarships

140 places

Cut-off marks

info@etsid.upv.es
+34 963 877 180
www.upv.es/titulaciones/GIDIDP/

Introduction to the degree

The aim of these studies is to provide future professionals with scientific and technical training enabling them to be in charge of and manage the entire life of a product, from its inception as an idea (market analysis, marketing, basic design...), through the product's production, manufacturing and launch, to the study of environmental impact at the end of its useful life.

The curriculum includes a series of optional subjects, which are grouped into two itineraries:

· One is taught at the Polytechnic School of Alcoi, and offers the following elective subjects: Production and Innovation, Quality and Management, Product Design, and Textiles and Fashion.

· And the other one is taught at the School of Design Engineering, and comprises the following elective subjects: Integral Consumer Products Design, Advanced Design of Industrial Products, Public Use Products, and New Products Design.

International mobility

The most popular destinations are the Politecnico di Milano, Italy, and the Ingeniørhøjskolen Odense Teknikum, Denmark -vacancies there are quickly filled.

In addition, more than 100 vacancies are offered at other universities in Europe, America, Asia and Oceania that are no less interesting, because of the language that you can learn there and of the university's prestige as well.

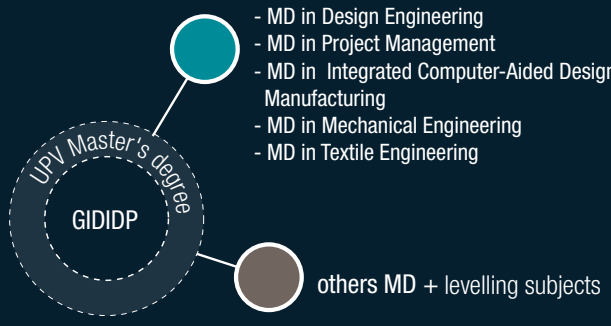
Internships

The Bachelor's Degree in Industrial Design and Product Development recognizes up to 18 credits for work experience in any of the 500 companies (from all fields of industrial design) with which the EPSA and the ETSID have signed agreements.

The vast majority of those internships are paid, which improves their quality.

Continuation of studies

With this degree, you will be able to access to:



Professional opportunities

You will be able to work in companies belonging to all industrial sectors (furniture, lamps, ceramics, plastic and metal processing, etc.) in the technical, design, research, project and new products development departments.

You will also be able to practise your profession freely, creating consultancy companies or producing companies. Or you can choose a public administration career (as a European Union, national, regional or local administration civil servant or employee); or a career in research, development and innovation (at public or private education centres, or in R&D departments of large companies) or in teaching.

Study at the UPV

and be part of
Spain's best technological university
according to the Shanghai ranking

Enjoy our huge campuses with spaces designed for you such as the **Student Recreation House**.

You can do up to **40 sports** in our facilities.

You will find many services at your disposal: language classes, discounts in public transport, counselling, employability support…

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Curriculum

Credits for obtaining the degree

Basic courses	Compulsory	Elective	Internship	TFG	Total
60.00	120.00	48.00	0.00	12.00	240.00

The subjects that you will be able to take

Basic courses

Artistic Drawing
Business Administration
Computer Science
Mathematics I - II
Physics
Technical Drawing I - II

Compulsory courses

Aesthetics and History of Design
Basic Design and Creativity
Computer-Aided Design
Conceptual Design
Containers and Packaging
Design Methodology
Design Workshop I - II - III
Electrical and Electronic Technology
Ergonomics
Graphic Design and Communication
Industrial Processes
Marketing and Legal Aspects
Materials
Mechanics and Theory of Mechanisms
Project Development and Execution
Strength of Materials
Workshop on Prototypes and Models

Elective courses

Academic and Professional French A1 - A2 - B1 - B2
Academic and Professional German A1 - A2 - B1 - B2
Academic and Professional Italian A1 - A2
Academic Writing Skills for Final Degree Projects
Advanced Conceptual Design for Industrial Product Development
Advanced Detailed Design for Industrial Product Development
Advanced Development of Products for Leisure and Habitat
Advanced Physics
Business Start-Up and Management
B2 Level English
Ceramic Processes
Chemistry
Colour and Design
Computer Software for Design and Manufacturing I - II
Computer-Aided Design of Mechanical Systems
Computer-Aided Manufacturing
Design for Leisure and Habitat
Design of Exhibition Systems
Design of Products for Collective Use
Design of Street Furniture
Design Quality I
Detailed Design of Street Furniture
Digital Fabrication Modeling
European Project Semester (EPS)
Exchange I - II - III - IV - V - VI
Film Music
Graphic Analysis and Presentation of Industrial Products
Graphic Communication and Corporate Identity I - II
New Products Communication for Leisure and Habitat
Photography
Prevention and Safety in the Design and Marketing Industry
Prevention Methodology in the Design and Marketing Industry
Prevention Methodology in the Mechanical Sector
Science and Colour Vision
Scientific and Technical French - B1
Strategic Design
Sustainable Development and Environmental Ethics
Technical English
Technical Valencian C1 - C2
University Cooperation for Development
Virtual Product Design and Evaluation
Virtual Prototyping and 3D Modelling
Web Development