



Study Program

Product Design

Curriculum of the Higher Education Degree of Design of ESDAP Escola Superior de Disseny i d'Arts Plàstiques.

1. Specialties.

Level	Specialties
Higher Education Design	Graphic Design
	Product Design
	Interior Design
	Fashion Design

2. ECTS credit distribution of the curriculum according to type of subject matter.

Type of activity	Credits
Foundational training (FT)	84
Compulsory (C)	96
Electives (E)	26
Outside placement/internship	8
Final project	26
Total credits	240

In the first year the student receives basic training common to all specialties. Specialization begins in the second year.

The four-year program consists of compulsory core courses, electives, interdisciplinary projects, internships and external placements, seminars and a final project.

SPECIALTY OF PRODUCT DESIGN

FOUNDATIONAL TRAINING

Subject Matter	Courses	SEM	ECTS
Design fundamentals	Introduction to design	2	8
	Theories of perception, colour and form	1	4
	Anthropometry and ergonomics	3	4
Languages and techniques for representation and communication	Two-dimensional studio	1	4
	Three-dimensional studio	2	4
	Drawing I	1	3
	Drawing II	2	3
	Plane and Descriptive Geometry	1	3
	Descriptive geometry	2	3
	Computer assisted drawing	2	6
	Typography and composition	1	3
	Digital photography and images	1	3
	Audio-visual media	2	2
	Science applied to design	Introduction to material science	1
Eco-efficiency and sustainability		4	4
Art and design history	Art history	1	4
	Introduction to the history of design	2	4
Design culture	Design and society	3	4
	Design and thought	6	6
Management for design I	Professional and economic setting for design	6	6

ELECTIVES

Subject Matter	Courses	SEM	ECTS
Studios of technical applications and resources *	Choose between offerings	5-6	6
Theory, criticism and humanities *	Choose between offerings	7	8
Monographic product design projects	Choose between offerings	7	6
Monographic interdisciplinary projects *	Choose between offerings	7	6

COMPULSORY FOUNDATIONAL. SPECIALTY OF PRODUCT DESIGN

Subject Matter	Courses	SEM	ECTS
Materials and technology applied to product design	Materials and technology I	3	4
	Materials and technology II	4	4
	Materials and technology III	5	10
	Resistance of materials and structures	5	3
	Life cycle analysis	6	3
History of product design	History of industrial design I	4	4
	History of industrial design II	5	4
Product and system projects	Industrial design projects I	3	6
	Industrial design projects III	5	10
	Industrial design projects IV	6	4
	Interdisciplinary projects I	6	8
Container and packaging projects	Industrial design projects II	4	6
Tools for product design	Bionics	4	3
	Ergonomics II	4	3
	Industrial technical drawing	3	6
	Computer modelling and rendering I	3	3
	Computer modelling and rendering II	4	3
	Mock-ups and prototypes I	3	3
	Mock-ups and prototypes II	4	3
	Management for product design	Org. of industrial prod. and control of product execution	7
	Management of industrial design	7	4
Practicum	Outside placements/internships	8	8
Final project	Introduction to the final project (Seminar)	7	4
	Final project	8	22

SPECIALTY OF PRODUCT DESIGN

Subject matter		
Design fundamentals	16	FT
Languages and techniques for representation and communication	34	FT
Science applied to design	10	FT
Art and design history	8	FT
Design culture	10	FT
Design management I	6	FT
Materials and technology applied to product design	24	C
History of product design	8	C
Products and system projects	28	C
Container and packaging projects	6	C
Tools for product design	24	C
Management for product design	6	C
Practicum	8	C
Final project	26	C
Studios of technical applications and resources	6	E
Theory, criticism and humanities	8	E
Monographic product design projects	6	E
Monographic interdisciplinary projects	6	E

FT: Foundational training

C: Compulsory

E: Electives

SPECIALTY OF PRODUCT DESIGN

1ST YEAR

1st semester	Courses	FT	C	E	ECTS
TPCF	Theories of perception, colour and form	•			4
TALLBI	Two-dimensional studio	•			4
DIBUIX1	Drawing I	•			3
GEOPD	Plane and Descriptive Geometry	•			3
TIPCOM	Typography and composition	•			3
FOTID	Digital photography and images	•			3
INTCM	Introduction to material science	•			6
HISART	Art history	•			4
2nd semester	Courses				
INTDIS	Introduction to design	•			8
TALLTRI	Three-dimensional studio	•			4
DIBUIX2	Drawing II	•			3
GEODES	Descriptive geometry	•			3
DIBAO	Computer assisted drawing	•			6
MITAUD	Audio-visual media	•			2
INTHD	Introduction to the history of design	•			4
		60	0	0	60

2ND YEAR

3rd semester	Courses	FT	C	E	ECTS
ANTERG	Anthropometry and ergonomics	•			4
DISSOC	Design and society	•			4
MATTEC1	Materials and technology I		•		4
PRODIN1	Projectes de disseny industrial I		•		6
DIBTI	Industrial technical drawing		•		6
MODREN1	Computer modelling and rendering I		•		3
MAQPRO1	Mock-ups and prototypes I		•		3

**SPECIALTY OF PRODUCT DESIGN
2ND YEAR**

4th semester	Courses	FT	C	E	ECTS
ECOSOS	Eco-efficiency and sustainability	•			4
MATTEC2	Materials and technology II		•		4
HISDIN1	History of industrial design I		•		4
PRODIN2	Industrial design projects II		•		6
BIONICA	Bionics		•		3
ERGONO	Ergonomics		•		3
MODRENI2	Computer modelling and rendering II		•		3
MAQPRO2	Mock-ups and prototypes II		•		3
		12	48		60

3RD YEAR

5th semester	Courses	FT	C	E	ECTS
MATTEC3	Materials and technology II		•		10
RESME	Resistance of materials and structures		•		3
HISDIN2	History of industrial design II		•		4
PRODIN3	Industrial design projects III		•		10
OPTATA1	Choose between offerings I		•		3
6th semester	Courses				
DISPEN	Design and thought	•			6
EPED	Professional and economic setting for design	•			6
ANCIVI	Life cycle analysis		•		3
PRODIN4	Industrial design projects IV		•		4
PROINT1	Interdisciplinary projects I		•		8
OPTATA2	Choose between offerings II			•	3
		12	45	3	60

4TH YEAR

7th semester	Courses	FT	C	E	ECTS
OPICEP	Organization of industrial production and control of product execution		•		2
GESDIN	Management of industrial design		•		4
SIPFG	Introduction to the final project (Seminar)		•		4
OPTECRHU	Choose between offerings			•	8
OPMODPR	Choose between offerings			•	6
OPMOINTER	Choose between offerings			•	6
8th semester	Courses				
PRAPRO	Outside placements/internships		•		8
PFG	Final project		•		22
			40	20	60

3RD YEAR

Subject matter	ECTS	
Studios of technical applications and resources	6	E

4TH YEAR

Subject matter

Theory, criticism and humanities	8	E
Monographic graphic design projects	6	E
Monographic interior design projects	8	E
Monographic fashion design projects	6	E
Monographic product design projects	6	E
Monographic interdisciplinary projects	6	E

Third year electives

3RD YEAR

Subject matter	Courses	ECTS
Studios of technical applications and resources	Illustration and graphic narratives	3
	Calligraphy	3
	Pictorial applications	3
	Modelling and mould-making	3
	Wood carving	3
	Metal techniques	3
	Ceramic applications	3
	Working with precious metals and enamel	3
	Textile printing studio	3
	Applied textile techniques	3
	Photographic documentation	3
	Video-graphic documentation	3
	Experimental studio with new materials	3
	Applications with cardboard	3
	Stone studio	3
	Artistic institutions: interaction, creation, intervention	3
	Light studio	3
		6

Fourth year electives

4TH YEAR

Subject matter	Courses	ECTS	
Theory, criticism and humanities	Theories and criticism of design	4	
	Panorama of contemporary art	4	
	Contemporary tendencies in design	4	
	Current economy and design	4	
	Design promotion	4	
	The designer as social change agent	4	
	Strategies for creativity	4	
	Defence and reasoning of projects	4	
	Monographic graphic design projects	Multimedia and interactive design	6
		Editorial design. Analogue and digital publishing.	6
Web design and digital management		6	
Graphic communication campaigns		6	
Experimental typography		6	
Monographic interior design projects		Design of outdoor spaces, gardens and landscapes	6
		Design of living interiors and furnishings	6
		Design of commercial spaces and retail windows	6
		Design of bars, restaurants, and leisure spaces	6
Monographic fashion design projects		Textile design, fashion, and technology	6
	Design of accessories	6	
	Design of sportswear	6	
Monographic product design projects	Communication and fashion	6	
	Furniture design	6	
	Lighting design	6	
	Design for living spaces	6	
Monographic interdisciplinary projects	Design of interfaces	6	
	Design of temporary installations	6	
	Commercial space and design	6	
	Design and environment	6	
	Theatre arts	6	
	26		