

OFFICIAL UNDERGRADUATE DEGREE IN DESIGN

Academic Guide 2013-2014



Credits

Coordination/redaction

Academic coordination

Graphic design

Communication office

Direction

Academic coordination

ESDi Escola Superior de Disseny

Marquès de Comillas, 81-83

08202 Sabadell (Barcelona)

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Information about ESDi

Presentation

In the context of a plural, updated and humanistic higher education, ESDi Higher School of Design, centre created in 1989 and attached to Ramon Llull University in 1992, set the objective of training future professionals, perfectly qualified to face changes that take place in all the fields of contemporary design.

In 2008 ESDi became centre attached to Ramon Llull University and, as such, it will begin the year 2008-2009 teaching Official Undergraduate Degree in Design, within the European Higher Education Area (EHEA).

Its academic activity in a humanistic framework deals with four concepts:

- Interdisciplinary teaching, open to integration in the different areas.
- Newest technologies use, in order to provide students with command of tools demanded by the market every moment.
- Close link between school and enterprise, which results in benefit of professional opportunities of our students.
- Research and analysis constant task, carried out by both professors and students by means of special programmes.

In the 10.000 m² of facilities distributed between Sabadell and Barcelona, ESDi has:

- Several laboratories equipped with advanced technology
- Multiple platforms (PC, Apple Macintosh, Silicon Graphics, Sun)
- Wide range of peripherals
- Photography, audiovisual production and post-production and audiovisual facilities laboratories
- Photography and video set
- Workshops: industrial; textile, stitch and fretwork; printing and dressmaking
- Internet lab
- Library
- Textile pattern samples
- Audiovisual material loan service

The student can use all these areas as Open Classroom within the established timetable, in order to have the best technological resources available to carry out the practical works of the different subjects.

Organization

FUNDIT organizes its activity according to knowledge nodes that work symbiotically on-line with responsibility and autonomy. Nodes form four big activity areas:

ESDi Higher School of Design, activity's nuclear body, which develops university training, research and experimentation in design field.

ESDi University Institute EATM, which embraces the postgraduate activities, continuous training and design culture diffusion.

ESDi Corporate Development, which takes charge of activities related to students admission, interuniversity relationships and graduates accompaniment at the beginning and development of the professional activity.

ESDi enterprise, which is a space offered to entrepreneur graduates for them to start developing their activity.

FOUNDATION-FUNDIT

EMPLOYERS COMMITTEE

EXECUTIVE COUNCIL

GOVERNMENT COMMITTEE

ESDi ACADEMIC MANAGEMENT AND COORDINATION COMMITTEE

ANALYSIS, DESIGN AND SOCIAL DEVELOPMENT UNIT

AUDIOVISUAL UNIT

PRODUCT UNIT

FASHION UNIT

INTERUNIVERSITY RELATIONSHIPS UNIT

INTERNATIONAL RELATIONSHIPS

ESDi Students Association

What Students Association is?

It is the representation organism of students. It is composed by students willing to improve things and do new things.

What is Students Association for?

It is the link between students and school management. It tries to have a good communication with it without forgetting its main objective: to watch over students' rights and over training quality. At the same time, it wants to promote several types of activities, like celebrations or contests.

You can address the Association for:

- Academic improvements proposals
- Non-university activities proposals
- Information to students
- Exams archive consults, notes...
- Complaints to management processing

Who is part of Students Association?

It represents all students following a democratic system:

Each group chooses its classroom delegate. Each speciality chooses its speciality delegate. Delegates choose the Association president. You can look up who the delegates are on the Association notice board. All charges are chosen at the beginning of the year and they are one year long.

*Important: all 1st year classes will have to communicate the name of its classroom delegate to the students' delegation as soon as possible.

Students Association activities

Every week meet up to share and discuss points arisen. Organized activities are announced on the Association notice board and also on posters.

Archive

Gradually we increase the association archive: exams, notes... You can consult it every time you want. Also there are interesting things in the Association folder at the school intranet: ESDiServ14Lectura4Delegació d'Estudiants

Contact

You can find Association members at the second floor office. You can find service timetables on the notice board. You can also contact with the Association by ae@alumnes.esdi.es address.

Association is a meeting point among all students. Take part in it!

ACADEMIC RULES

Methodology

Teaching method followed in ESDi searches for balance between three components:

1. Theoretical foundations which mean the learning basis.
2. Tools and languages that enable to put in practice ideas.
3. Professional experience in enterprises.

There are three types of subjects:

- Conceptual subjects: theoretical subjects that provide knowledge and abilities in humanities and social sciences.
- Instrumental subjects: with the essential tools and materials to understand the types of products to design.
- Project subjects: subjects that teach design specific work methodology.

These groups have a morning basic timetable assigned, except for 4th year, which is basically an afternoon timetable. During the teaching period, it is possible to have some classes out of their basic timetable. Students of superior degrees have to make, during the 4th year, an internship period (a minimum of 120 hours), which enables them to be part of and adapt to the real labour world.

Attendance

a) Classes

The student must attend classes compulsorily. Not fulfilling this can entail the loss of the evaluation right (NAVL) in those subjects in which the professor considers it justified. In case the student cannot attend classes regularly for justified reasons, he or she must communicate it to the corresponding professor and tutor, before 30 October. Once passed the first 10 minutes of the beginning of a class, an exam or a task given in, the student will not be able to get in unless he or she can justify the delay with some valid document.

b) Tutor sessions

A tutor sessions system will be established for particular subjects. Students can attend tutor sessions to consult what they believe convenient or because the professor requested it. The tutor sessions schedule/timetable will be exposed publically on the academic information notice board, and at the school website www.esdi.es.

Pass a course

Failed subjects of previous years must be registered. Student should give priority to these subjects.

Validation - credit recognition

Subjects studied in other university studies or in Higher Level Training Cycles can be validated or recognised. Equally, labour practise is also recognised.

To recognise or validate subjects by academic record, the following documentation must be provided:

- a) Official academic certification of studies, including the qualification and marks obtained.
- b) Certified copy of the programmes of the subjects to validate.
- c) Validations application form

A maximum of 36 credits for labour practise can be recognised. 14 of these credits will necessarily correspond to Enterprise internships subject. The rest can be distributed among the other Degree subjects.

To recognise the labour practise, the following documentation must be provided:

- a) A document recognising that the person has a minimum work experience of 2 years. It has to be stated that they were designer tasks. Self-employed registrations, work life and enterprise contracts or letters can be admitted.
- b) Documentation demonstrating that he or she has the required abilities in the particular subject to recognise.

Examination sessions

- a) Official examination sessions

All subjects have two official examination sessions. In the case of first semester subjects, examination sessions are in February and June.

Second semester subjects and annual subjects have the first examination session in June and the second one in September. Degree final project (PFG) has an official examination session in June-July and an extraordinary one in September-October.

Registration of any subject allow student to take two examination sessions during the academic year. The maximum of examination sessions that a student can take is four, during all the degree.

Non-taking (NPRE) of any examination session for justified reasons must be communicated in in writing to the corresponding professor and tutor, at the latest 24 hours after the exam day of the official examination session, in this case does not compute for the purpose of adding up the four examination sessions mentioned before.

In case of non-taking without justified reason, a non-evaluated (NAVL) will be stated on official record of the subject with the consequent loss of examination session.

Students non-passing the forth examination session of any subject have the right to ask for a revision of the evaluated material in front of a Special Board. This board will be designated by management office and will be composed by two school professors and the subject professor. In case that the board considers that the provided material does not allow the establishment of an evaluation opinion, the board can ask the student to provide exercises or complementary tests. Once exhausted the four examination sessions and the Special Board appeal, the student will not be able to continue studying at the centre.

b) Partial evaluations

Annual subjects can have a partial evaluation. In case that there is only one professor, he or she is free to establish the importance of this examination session, although he or she must bear in mind that official examination sessions take place in June and September.

In case of different professors in each semester, the first semester will have official examination sessions in February and June.

Other special academic procedures

a) Mark complaint

When a student does not agree with the mark obtained in a subject, he or she can ask for an exercise revision to a special board.

He or she must meet the following requirements:

1. To attend the mark comment established by the centre.
2. To have exhausted the two official examination sessions to which he or she has right during each academic year.
3. To fill in the Special Board application form, at students' service at Academic Secretary's office. Two weeks after the mark comment day, applications will not be accepted.

b) Exam date change application

Exam date change can only be asked whether the student is ill and hospitalization has been necessary; first degree relative decease; citation or being an elite athlete. In all these cases corresponding written proofs must be submitted.

Failed subjects

Failed subjects of previous years must be registered in the following year and should be retaken attending the corresponding classes regularly during the year and taking the exams. If the timetable of the failed subject is incompatible with the following year timetable, a permission to the failed subject professor to attend programmed retake tutor sessions has to be asked for. Otherwise the student must renounce registration of the following year subject. School will not keep in any case the mark of an assessment exam passed in previous years.

Marks

Marks on official records must be numerical and alphanumeric. It must be applied the following scale:

NAVL: Non-evaluated

NPRE: Non-presented

From 0.00 to 4.99: Fail

From 5.00 to 6.99: Pass

From 7.00 to 8.99: B grade

From 9.00 to 10.00: Excellent

From 9.00 to 10.00: Distinction

There are subjects taught by two or three professors. In these cases the subject only has one mark, obtained by weighted average of the parts. To calculate the average the student must have a minimum of 4 in each part of the subject, otherwise the subject is failed. In case that the student fails a part, the student must register the whole subject the following year.

In case of subjects with partial evaluations used to remove topics, the final mark is the average, provided that both are equal or more than 4. If the partial evaluation mark/s is less than 4 the student must retake it in the following extraordinary examination session of the same academic year. If the partial evaluation mark is equal or more than 4 it will be kept, if necessary, until September examination session of the same academic year. In case of failing the two parts, the final mark on record will be the highest mark less than 4. If finally the obtained mark is not a pass mark, student will have all the topics failed for the following year. Evaluation criteria of each subject are responsibility of each professor in his or her exercise of the academic freedom right.

Information about ESDi educational cooperation programmes (internship in enterprises)

Internship in enterprises completes and reinforces the student training with work experiences in the corporate world. Educational cooperation agreements are the framework that regulates the relationship between enterprise, student and university. There are two types of agreements:

1. Regulating agreement of the subject "Enterprise internships".

Compulsory subject (14 credits) for all students, therefore, it has academic evaluation. Its duration is a minimum of 120 hours. To do the internship, 120 credits corresponding to all 1st and 2nd year subjects must be passed, although it is recommended to do it in 4th year.

2. Educational cooperation internship agreement for knowledge practice.

No credit load. Its duration cannot exceed 4 months or 20 hours per week. In this type of agreement the student is not paid, but some remuneration can be received as a scholarship.

Internship agreements can be given either by an offer from any enterprise with which ESDi has contacted or by a direct contact from the student with the enterprise. In both cases the agreement must be formalized by means of the internship enterprise application.

Each enterprise must carry out a monitoring of the student and, at the end, to do an evaluation that will help ESDi tutor to give the corresponding mark to the student. In case that this document is not submitted, Enterprise internships subject will have the "Non-presented" mark.

You will find all the corresponding documents and rules at reception.

Use rules of workshops, laboratories and classrooms

Professors, students and administration and services staff are responsible for the facilities respect and for the building maintenance in perfect condition.

All students wanting to use school facilities for some extraordinary activity must ask permission. For exhibitions students must talk with the professor in charge, and for the rest of activities students can ask for help at students support or academic coordination.

There are different noticeboards specifically for posters; the rest of walls must be kept clean.

For certain uses and services of workshops and laboratories, student card will be compulsorily required.

Workshop list with the units they belong to is detailed below:

- Industrial design workshop Product unit
- Textile and fashion design workshop Fashion unit

It includes the following workshops:

Stitch fabrics workshop

Fretwork fabrics workshop

Printing workshop

Dressmaking workshop

Textile projects classroom

- Audiovisual laboratories Audiovisual unit

It includes the following workshops:

Set-video-control

Sound classroom

Video classroom

Dubbing room

Technological resources

Computer labs

Infrastructures and technological development

Registration

The registration ordinary period takes place during July and the extraordinary period, at the end of September.

Students not respecting these periods will have a 10% economic penalty in the total of the registration.

Regarding 3rd year elective subjects, it has been established a minimum of 10 or 12 students and a maximum of 30. Beyond these figures the group will be closed.

Breach of payment deadlines entails registration cancellation and loss of exam right.

Seminars and workshops

In order to provide student with a complementary training, the school has a series of activities to complement training programme subjects. They are conferences, workshops and seminars:

a) Conferences. They are about 2 hours and about different topics perpendicular to design. They are not useful to get optional assignments credits.

b) Workshops and seminars. They are about 10 or 15 hours and they are practical and experimental.

70% sessions' attendance and carrying out the corresponding tasks can mean getting 1 optional assignments credit. Some exercises can be evaluated by professors if they believe convenient.

Students can carry out as many activities as they want provided that there are available vacancies. However, the maximum number of optional assignments credits recognizable is 2. It is also possible to apply for optional assignments credits for activities outside ESDi, provided that the student submits certificate of attendance and the equivalent university credits value. Courses without credits certificate will not be accepted.

THE DEGREE

Official Undergraduate Degree in Design

Design studies have the objective of training professionals able to shape our environment through coordination and integration of all the influencing aspects. The effort to define an object that will be produced afterwards forces the designer to reflect, invent and plan. This work process allows him or her to formalise coherently the future object's structure in such way that it corresponds with useful and symbolic needs that organise it. Design process also has social, cultural, productive and ecological effects and consequences.

Official Undergraduate Degree in Design prepare the student for face design process in general and, from 3rd year, allows him or her to study in depth one of the following professional education programme: Graphic design

- Product design
- Interior design
- Fashion design
- Audiovisual design
- Multidisciplinary integration

Training programme

Degree in Design training programme has 240 credits, which ESDi recommends to distribute among 4 courses of 60 credits each. Each ECTS (European Credit Transfer System) credit is equivalent to 25 hours of student's effort, both classroom work and independent work.

The credits and subjects distribution suggested below proposes 60 credits per academic year, but there is the option to study more or less credits. The minimum are 35 and the maximum, 75.

240 credits are distributed in the following way:

Type	1 st year	2 nd year	3 rd year	4 th year	Total
Basic training	36	24			60
Mandatory assignments	24	36	34		96
Elective subjects			26	30	56
Enterprise internships				14	14
Degree final project				16	16

Click the section you are interested in

Basic training and mandatory assignments subjects are:

1ST YEAR

Art theory and history I
Sociology
Representation drawing
Technical drawing I
Computing I

Form theory and workshop
Design theory and history I
Projecting basis
Photography I
Introduction to projects

2ND YEAR

Art theory and history II
Communication
Business I: organization and processes
Computing II
Design theory and history II

Literature and communication
Projects I
Comprehensive projects
Profession ethics
Materials and technology I

3RD YEAR

Projects II
Comprehensive projects II
Design subjects
Business II: economy and marketing
Materials and technology II

4TH YEAR

Enterprise internships
Degree final project

Within the elective subjects is where speciality skills are learned. Training programme includes the following elective subjects. However, they are not all studied; the student must only study 56 credits. The offer can vary from one year to the other depending on what the school considers more appropriate.

GRAPHIC DESIGN

Possible elective subjects

Typography I

Graphic arts

Mockups and originals

Photography II

Calligraphy

Typography II

Video

Documentary photography

History of cinema

Expression techniques

Computing III

Book and projects presentation

Projects III

Projects IV

Graphic analysis

Web pages design

Image digital processing

Illustration

Graphic for advertising

Industrial packaging

Department intensification

FASHION DESIGN

Possible elective subjects

Fabric structures techniques

Pattern designing and dressmaking

Spinning

Textile computing

Textile design projects

Dyes and finishes

Technical fabrics

Fabric and clothing history

Technology (pattern designing industrial processes)

Textile computing II

Fashion projects I

Fashion projects II

20th century fashion. Style and fashion photography

Book and projects presentation

Collection concepts

Materials and technology III

Department intensification

PRODUCT DESIGN

Possible elective subjects	Industrial packaging
Technical drawing II	Projects III
Mockups and prototypes	Projects IV
Materials use technique and mechanics	Book and projects presentation
Ergonomics	Illustration
Technique	3D modelling and rendering
Eco-design	Product: projects analysis
Computer extension: industrial	Furniture design
Web pages design	Small household appliances design
Bionics	Lighting design
Automotive industry	Department intensification

MULTIDISCIPLINARY INTEGRATION DESIGN

Possible elective subjects	Ergonomics
Typography I	Sports history and anthropology
Object typology	Scenography and lighting
Visual communication techniques	Specific projects I
Spaces setting up	Specific projects
Events planning and development and protocol	Book and projects presentation
Labour sociology	Channels and techniques
Eco-design	Business III: design management
Law and legislation	Information and signs
	Department intensification

INTERIOR DESIGN

Possible elective subjects
Technical drawing II
Mockups and prototypes
Space setting up
Computing III
Photography II
Computing IV
Materials and finishes
History of architecture
Facilities
Design and adaptability

Lighting and acoustics
Projects III
Projects IV
Book and projects presentation
Projects analysis
Facilities II
Refurbishment
External spaces design
Ephemeral displays
Department intensification

AUDIOVISUAL DESIGN

Possible elective subjects
Sound digital processing
Narrative, script and audiovisual models analysis
Programming and author systems I
Computerized animation I
Image digital processing
Digital media appearance
Critical theory and new media

Projects III
Audiovisual creation
Interactive systems design and programming
Audiovisual facilities
Graphic design for TV
3D alternative techniques
Department intensification

The number of elective credits of each itinerary is 56 ECTS. A minimum of 50 ECTS must belong to the speciality module and the remaining six can belong to elective subjects of other itineraries.

You will find subjects offered in the current year and its description at the following section.

Elective subjects for the year 2013-2014

3rd year

Between 3rd and 4th year you must complete 56 ECTS, which is recommended to split between 26 on 3rd year and 30 on 4th year.

Below we present the courses offered during 2013-2014. The routes on which the sum of ECTS is greater than 26 (in 3rd) and 30 (in 4th) the student can not to take the courses marked with an asterisk.

Departmenta intensification (4 ECTS): Subject open to all the itineraries.

GRAPHIC

Subject	ECTS
Video	4
Illustration	4
Image digital processing	3
Computing III	4
Photography II	4
Expression techniques	3
Typography I	4

AUDIOVISUAL

Subject	ECTS
Audiovisual creation	6
Programming and author systems I	8
Sound digital processing	3
Narrative, script and audiovisual models analysis	6
Image digital processing	3

PRODUCT

Subject	ECTS
Computer extension: industrial	4
Industrial packaging	3
Mockups and prototypes	4
Eco-design*	4
Ergonomics	4
Automotive design *	4
Small household appliances design	3
Technical fabrics*	3

INTERIOR

Subject	Type
Installations	4
Computing III	4
Mockups and prototypes	4
Lighting and acoustics	3
Photography II	4
Space setting up	4
Technical fabrics	3

FASHION

Subject	Type
Collection concepts*	4
Textile design projects (lingerie, man, shoes)	4
Textile computing I	4
Spinning	3
Pattern designing and dressmaking	4
Fabric and clothing history	3
Dyes and finishes*	4
Technical fabrics*	3
Fabric structures techniques*	4

MULTIDISCIPLINARY INTEGRATION

Subject	Type
Specific projects I	5
Labour sociology	4
Events planning and protocol	4
Spaces setting up	4
Visual communication techniques	4
Eco-design	4
Technical fabrics*	3
Free election	1

3rd year elective subjects to share

Subject	Specialities in which subject is recommended	Type
Technical fabrics	F, P, Int, MI	Projects
Eco-design	G, Int, F	Conceptual
Visual communication techniques	Int, P, F, G	Instrumental
Illustration	P, MI, Int, F	Projects
Image digital processing	Int, P, F, MI	Instrumental
Photography II	Av	Instrumental
Documentary photography	AV	Instrumental
Optional workshop/seminar	All	Instrumental

Note: subjects with an asterisk can be not studied and you can choose another one from another itinerary. You will find the description on page 58.

4th year

Click the section you are interested in

GRAPHIC

Subject	ECTS
Projects III	6
Industrial packaging	3
Projects IV	6
Documentary photography	4
Typography II	4
History of cinema	3
Web pages design	4
Free election	1

AUDIOVISUAL

Subject	ECTS
Projects III	6
History of cinema	3
3D alternative techniques	4
Graphic design for TV	3
Interactive systems design and programming	8
Audiovisual installations	5
Free election	1

PRODUCT

Subject	ECTS
Projects III	6
3D modelling and rendering	6
Bionics	3
Materials use technique and mechanics	4
Lighting design	4
Book and projects presentation	4
Technique	3

INTERIOR

Subject	ECTS
Projects III	6
Refurbishment	4
Materials and finishes	4
Installations II	6
Computing IV	4
Design and adaptability	3
History of architecture	3

FASHION

Subject	ECTS
Fashion projects I	6
Fashion projects II	6
Materials and technology III	8
Fabric structures techniques*	4
Book and projects presentation*	4
20th century fashion*	3
Channels and techniques*	6
Free election	1 or 2

MULTIDISCIPLINARY INTEGRATION

Subject	ECTS
Ergonomics	4
Specific projects II	5
Channels and techniques	6
Business III: design management	6
Graphic analysis	4
Object typology	4
Law and legislation	3
Free election	2

Note: subjects with an asterisk can be not studied and you can choose another one from another itinerary. You will find the description on page 58. Subjects open to more itineraries are the ones on the previous page list. You will find the description on page 58.

Representation drawing

This subject is outlined and structured, as “a drawing initiation course”, that feels the basis of this discipline in two directions; on one side, enabling to assume later functional projects designs as a specific technique, and on the other, contributing to develop the necessary visual and formal training.

TYPE: BT (Basic training)

ANNUAL

ECTS: 6

Technical drawing I

This subject, as a component of the drawing discipline, intends to deal with the more rational aspects from the aesthetical ideas world. Besides, it aims to promote the student's graphic ability for space prediction, description and analysis, as well as for the bodies that inhabit it, all in relation to techniques and technologies appropriate to its practise.

TYPE: BT (Basic training)

ANNUAL

ECTS: 6

Projecting basis

This subject outlines a double and extra approach to the basic operative principles that guide and encompass the projects activity: on one hand, covers its instrumental nature to generate the activities' peculiar modus operandi; and on the other, stimulates reflection around the use and opportunity that puts them in a certain action framework.

TYPE: BT (Basic training)

SECOND FOUR-MONTH PERIOD

ECTS: 6

Photography I

This subject is outlined as an introduction to photography, considered as a technical, artistic and informative media, as well as an analysis and storage one.

TYPE: BT (Basic training)

ANNUAL

ECTS: 6

Computing I

This subject is outlined as an introduction to computing from the perspective of being a designer's tool. General concepts about applied computing and about Windows, as well as about basic software knowledge focused on vectorial drawing, edition and digital image treatment will be taught.

TYPE: BT (Basic training)

ANNUAL

ECTS: 6

Introduction to Projects

This is a subject with a highly experimental content structured towards practical exercises about conceptual and formal formulations. Creativity understood as a phenomenon and a convergent and divergent problems solving system acting from systematization or derivation. The subject starts outlining representation problems in general and through a marked process, and branches out into metalinguistic formulation, organisation, signs elaboration and matter problems through materials.

TYPE: C

ANNUAL

ECTS: 8

Sociology

This is a subject that offers theoretical knowledge which enables social, cultural and communication reality comprehension and reflection. It starts from a panoramic treatment, through which is possible to demarcate the social phenomena specific field, to analyse its varied problems and to assimilate their own concepts and terminology. On the other side, it aims to place sociology and communication in the social sciences, sociologic knowledge increasing sensitivity and its specificity in relation to design framework.

TYPE: BT (Basic training)

FIRST FOUR-MONTH PERIOD

ECTS: 6

Art Theory and History I

This subject proposes the study of the art history since the 19th and 20th centuries, epoch framed in the artistic modernity. In this way, it outlines an approach to currents of thought that, around the 19th century and during the first 30 years of the 20th century, are considered the origin of the cultural transformation process that results in the emergence of the first avant-garde movements and radical transformation of art traditional languages. The analysis framework focuses on three interrelated factors: cultural context, ideological means and ideas transmission.

TYPE: BT (Basic training)

SECOND FOUR-MONTH PERIOD

ECTS: 6

Design Theory and History I

This subject aims to show, discuss and make think about what design is, when it appears as an autonomous discipline and how is it redefined all along the 19th century and the beginning of the 20th century. It intends to turn the design history knowledge into valid theory for professional practise.

TYPE: BT C

FIRST FOUR-MONTH PERIOD

ECTS: 6

Shape theory and workshop

This is a practical subject structured in series of exercises, essentially inside the colour interaction field. The contents are focused on the urban environment and the landscape, particularly in the chromatic study of a square around the school. This exercise is called “colour islands” and goes deeper into the colour expressive and functional exercise as a means for communication as well as an element of relative value according to its limited or urban scale. Under artificial or natural lighting conditions. The application space works as a sign of public character.

TYPE: BT (Basic training)

ANNUAL

ECTS: 6

Communication

This subject aims to analyse the main communication models that have been developed during the 20th century and its relation to the historical and sociological contexts that have taken place. Besides, it aims to show design as a communicative tool through the semiotic study, and enables the student to know the formal mechanics through which brands identities and meanings, products and corporate images are built.

TYPE: BT (Basic training)

FIRST FOUR-MONTH PERIOD

ECTS: 6

Business I: organization and processes

The Business I subject is the first contact with the business organisations world. Therefore, it tries to offer a general vision about the enterprise's most important concepts. The subject's outline is to approach the enterprise study as subject and to do it in a practical and systematic way, taking into account its labour role, as well as its nature, structure and functioning as one the main elements in our society. The enterprise as a development and value, wealth and occupation creation agent in the economic system. This is why the syllabus aim is to make students aware of the business world, because in the future it will be their professional environment.

TYPE: BT (Basic training)

FIRST FOUR-MONTH PERIOD

ECTS: 6

Profession's ethics

This subject's main aim is to reflect on the ethical dimension, understood as a permanent activity of design of the self from two viewpoints: the ethical dimension in a current world from the following categories: autonomy, heteronomy, monotheism, values polytheism, technology of the self, the end of the story; and a designer's professional deontology enabling conditions.

TYPE: BT (Basic training)

FIRST FOUR-MONTH PERIOD

ECTS: 6

Computing II

This subject is outlined as a computing perfection from the perspective of designer's tool. General concepts about applied computing and about Windows, as well as about basic software knowledge focused on vectorial drawing, edition and digital image treatment will be taught.

TYPE: BT (Basic training)

ANNUAL

ECTS: 6

Literature and communication

Essential methodological tools are provided so as the students will be able to do a research assignment, to quote and to organise bibliography, and that they will learn to express themselves in both written and oral formats.

TYPE: C

SECOND FOUR-MONTH PERIOD

ECTS: 3

Materials and Technology I

This subject is structured in practical exercises and projects that will enable the student to know the materials performance, virtues and limitations so as they can be used properly in the different professional fields. The syllabus will be complemented with theoretical lessons about different materials fabrication processes and its possible uses in different projects and products related to Graphic design.

TYPE: C

ANNUAL

ECTS: 6

Projects I

This subject's aim is to start, in an ordered and simple way, with projects that follow step by step all the design process stages, implementing the knowledge about series of techniques and materials which are necessary for the projects presentation. To achieve this goal, some exercises that deal with some of the most usual formats in a current design study are developed; it is a design process that finishes with the project presentation.

TYPE: C

ANNUAL

ECTS: 8

Projects II

This subject aims to stimulate the student's ability of planning from the global design perspective, as well as to promote his or her teamwork ability, but emphasizing the proposals conceptualisation and experimentation from the different disciplines.

TYPE: C

ANNUAL

ECTS: 8

Art Theory and History II

This subject deals with a conceptual and critic approach of the 20th century art from two simultaneous viewpoints: a critic approach to currents of thought that have defined the cultural context and the society's ideological means, and a study of this century's main characters, authors and artistic movements. The year 1945 marks a turning point in the 20th century art directly related to the new political, economic and technological western map which resulted from the Second World War. Arts expansion and integration break the artistic languages' and objects' limits. Expanded art begins new relationships both with the environment and the spectator. It is the avant-gardes origin and consolidation moment.

TYPE: BT (Basic training)

FIRST FOUR-MONTH PERIOD

ECTS: 6

Design Theory and History II

The Design theory and History II subject focuses on the movements of the late 19th and 20th centuries. The subject is outlined as a design history review continuation. In the first part, there will be a review of the transition movement that leads to modernity and to the acceptance by the industry society in the production, the Modernism as the movement that reflects the transition from the handmade system to the industrial in the production.

TYPE: C

SECOND FOUR-MONTH PERIOD

ECTS: 6

3 Degree in Design

Commons

Business II: organization and processes

This subject is meant to prepare the students to face the professional world and to be in contact with the different representatives who regulate the companies' destinations. Equally, it intends to provide them the working and management tools, based on the standards of the company, the competence and the market, so as to make the dialogue among the designer and the company possible.

TYPE: C

SECOND FOUR-MONTH PERIOD

ECTS: 6

Design Issues

The subject is considered as a critical approach of the contemporary visual culture. It analyses the formal and conceptual performances of the design and the current art as the producers of the present society forms.

TYPE: C

FIRST FOUR-MONTH PERIOD

ECTS: 6

Specific to each itinerary

Materials and Technology II

This subject goes into detail with the study of the performance, the virtues and the limitations of materials so as they can be used properly. Fabrication processes of different materials and the possible uses in different products will be examined.

TYPE: C

ANNUAL

ECTS: 6

Projects II

The Projects II subject is configured as a central axis upon which all the specialty knowledge is synthesized. It is the meeting point of the different contents that make it up and that, therefore, include tools which have a double-role: conceptual and technical.

TYPE: C

ANNUAL

ECTS: 8

Comprehensive Projects II

Based on a proposal, the students have to apply the projects methodology to the performance of little projects firstly, in order to propose a wider one later.

TYPE: C

ANNUAL

ECTS: 8

3 Degree in Audiovisual Design

Digital Image Treatment

The digital image treatment subject goes in depth on aspects either technical or related to graphic languages. These are necessary to complement graphic treatment issues in any audiovisual product.

TYPE: OPT

ANNUAL

ECTS: 3

Audiovisual creation

The subject is suggested as a historical revision of the different practices carried out in the audiovisual field (cinema, TV, video, animation, multimedia) in different formats and fields for which they have been developed (design, art, advertising, documentary, report) from a conceptual point of view based on the approaches suggested by authors along time by means of their productions, which have followed patterns established by the socio-cultural context according to the current historical moment. By means of looking at examples that are milestones along the history, we try to establish what parameters (of language, narrative, of script or techniques) have marked the evolution of world audiovisual production in general.

TYPE: OPT

ANNUAL

ECTS: 6

Programming and authoring systems I

This subject aims to deepen the interactive audiovisual language with cybernetic support (intranet, Internet, networks) knowing the technical fundamentals and measuring its impact in the design and the art area.

One will get close to the aspects needed by an online audiovisual or one with interaction which strongly depend on programming aspects as the means to generate syntax in the audiovisual narrative field.

Authoring systems, knowledge about online and offline applications for different platforms, streaming video or media on-demand publishing systems, formats and HD compression processes will be used; as well as dynamic graphic interfaces applied to the audiovisual signs control.

TYPE: OPT

ANNUAL

ECTS: 8

Digital Sound Treatment I

In this subject, one goes in depth on issues related to the recording and the sound treatment, as well as on edition with tools that allow handling. It also does an incursion in the sound creation through specific software.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 3

Narrative, scripts and audiovisual models analysis

This subject's main goal is to go in depth on theoretical basis in order to recognize different models and mechanisms of the audiovisual narrative. It also aims to provide the students with linguistic audiovisual resources in order to make them able to generate consistent speeches. It also provides them an objective method when creating these speeches.

Structural, communicative and representative mechanics of the audiovisual will also be treated through the analysis of its aesthetic, technological and cultural basis. Both classical and new audiovisual formats will be analysed.

TYPE: OPT

ANNUAL

ECTS: 6

Expression techniques

The subject makes the resources and techniques of graphic material creation and transformation of images known, a fact that will increase the resources and the communicative and aesthetic possibilities of the graphic designer.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 3

Photography II

The Photography II subject aims to go deeper into the photographic process, as much the analogic photography as the digital one, favouring knowledge about the technical means that enables the research in the processes and the photographic handling.

The goal is to master the photographic language in order to apply it on the different professional fields, emphasizing art and design.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 4

Video

This subject will provide the graphic design degree students a vision of animated graphic image, along the motion graphics line, so as to apply it to television products such as program openings or continuity fades from TV channels.

The subject focuses on developing a program's or a TV channel's brand image and how to apply this concept to the animated graphic, with specific tools for this kind of projects; as well as it focuses on the way of solving the technical aspects to generate these kind of audiovisual projects.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 4

Illustration

The subject makes the resources and illustration techniques known, on one side, promoting the student's own style recognition and, on the other, a reunion with the illustrator's figure.

It is also the intention to show the working methodology as much for the conceptual resolution of the illustration applied to different communication platforms: advertising, publisher/editorial, press and design in general, as for the formal one.

TYPE: OPT

SECOND FOUR-MONTH PERIOD

ECTS: 4

Calligraphy

To learn the art of writing with an artistic and correctly formed letter, according to different styles. To know the writing's history and its aesthetic developments framed by the technical skills, the speed and the material limitations of the different people; and to see technological tools, epochs and places.

TYPE: OPT

SECOND FOUR-MONTH PERIOD

ECTS: 3

IT/Computing III

The knowledge about layout and digital image edition programs (Adobe Photoshop) will be improved. The focus will be especially on methodological issues and on everything that is related to the final documents preparation.

TYPE: OPT

SECOND FOUR-MONTH PERIOD

ECTS: 4

Digital Image Treatment

The knowledge about digital image treatment programs will be improved, focusing especially on the advance image retouch and on advanced techniques to manipulate photographic images.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 3

3 Degree in product design

Computing/IT extension: industrial

One will go in depth on the solids three-dimensional modelling introduced at the school, as well as on the photorealistic representation tools. Knowledge acquisition of this computing representation system will be always seen as a tool to make easier for the student how to display an industrial project.

TYPE: OPT

ANNUAL

ECTS: 4

Automotive

One will design the exterior of the vehicle: developing its dimensions, its shape and its surfaces through a number of digital drawings. And the interior of the vehicle too: fixating its dimensions, its shape and its surfaces for the dashboard, the seats, the adjusting panels, etc. Emphasis will be placed on the ergonomics and on the comfort of the passengers. The colour will be decided, as well as the applied aggregates: investigation, design and development of all the colours and interior and exterior materials that have been used for the vehicle (paints, plastics, fabrics, lined with leather, carpets and wooden aggregates, etc.). The colour, the contrast, the texture and the pattern followed to give the vehicle a unique atmosphere and personality will be combined.

TYPE: OPT

ANNUAL

ECTS: 4

Technical Drawing II

Basic knowledge about geometry of space, representation systems and the dihedral-axonometric – conic system will be examined. There will be a synthesis work about projects and representation techniques. A geometrical study and its graphic descriptive documentation about a model from the industrial design area will be done.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 3

Eco-design

Eco-design is a methodology of design innovation directed at preventing or reducing the environmental impact of products, processes and services over their entire life-cycle. From an approach ranging from the global to the local, one works on as much the regulatory framework as the strategies and tools needed for the environmental analysis, alternatives for materials, energy, water or residues; for its use in different curricular itineraries.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 4

Ergonomics

It deals with the interrelation and the use of the ergonomics knowledge and techniques in the product design project. It delimits the respective ontological domains, presents the obtaining and instrumentation of the ergonomics' data and defines an operative methodology to be applied in design projects.

TYPE: OPT

SECOND FOUR-MONTH PERIOD

ECTS: 4

Scale models and Prototypes

The subject deals with the fabrication of scale models concept, the types and the functions. Volume scale models (to work on your own) and static scale models (to handle a project) will be seen. Studies and volume resolutions will be done: which is the most appropriate way to solve a volume, depending on its shape and the desired outcomes.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 4

Small household appliances design

It is the design of small household appliances, such as a hairdryer, a coffee maker, etc. Ergonomics, sustainability, functionality, ease of use, security, accessibility, adaptability and aesthetics will be taken into account.

TYPE: OPT

SECOND FOUR-MONTH PERIOD

ECTS: 4

3 Degree in interior design

Technical Drawing II

Basic knowledge about geometry of space, representation systems and the dihedral-axonometric – conic system will be presented. Descriptive graphic documentation from a model in the industrial design field will be seen. There will be a synthesis work, in which projects and representation techniques will be applied and also a geometrical study.

TYPE: OPT

ANNUAL

ECTS: 3

Photography II

The Photography II subject aims to go deeper into the photographic process, as much in the analogic photography as in the digital one, favouring knowledge about the technical means that enables the research in the processes and the photographic handling.

The goal is to master the photographic language in order to apply it on the different professional fields, emphasizing art and design.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 4

Lightning and acoustics

How to project a lightning integrated with the city's interior and nightlife architecture; how to provide a dynamic lighting for the management of a single space and how to get mutating scenarios imposed by the new ways of living and working will be learnt. The acoustic criteria that each room has to fulfil, depending on the use one wants to give it, will be established. The measuring will be studied so as the enclosure fulfils the aim of its use. Forms, inclinations and materials that will determine the enclosure's acoustic will be defined.

TYPE: OPT

SECOND FOUR-MONTH PERIOD

ECTS: 3

Computing III

The subject promotes the learning of a good 3 dimensions modelling tool for the graphic representation of interiors' projects. The programme that will be followed will be 3D Max, with the intention that the student will acquire knowledge about space modelling, lightning and rendering. There will also be an emphasis on the efficient communication of project content.

TYPE: OPT

ANNUAL

ECTS: 4

Spaces fitting-out

This subject's aim is that the students get used to the strategies and criteria needed to design public spaces environmentally. Students will be given tools to be able to modify or design public spaces taking into account the appropriate legal, functional, accessibility, security, acoustic, climatic and lightning requirements.

TYPE: OPT

ANNUAL

ECTS: 4

Installations

This subject wants to provide the students with the tools that will let them know what installations will they need when making a project, how to calculate and measure them, how to integrate them inside the enclosure, how to draw into the plans and how to describe them in the report. In the same way, the students will be taught how to develop the ability of deciding the spaces that will be need for the installations, the relationships between them and the implications in the interior design comprehensive project development.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 4

Scale models and Prototypes

The subject deals with the fabrication of scale models concept, the types and the functions. Volume scale models (to work on your own) and static scale models (to handle a project) will be seen. Studies and volume resolutions will be done: which is the most appropriate way to solve a volume, depending on its shape and the desired outcomes.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 4

3 Degree in fashion design

Collection Concepts

This is an instrumental subject that wants to help the students to generate ideas to implement in a collection. Students will have to know how to apply this methodology in other subjects of projects when designing clothing.

TYPE: OPT

ANNUAL

ECTS: 4

Textile design projects

This subject deals with men's clothes, lingerie and footwear design. Each of these specialties follows specific patterns and types of finishes. The first four-month period the student will have to choose between menswear or lingerie; at the second four-month period they will do footwear.

TYPE: OPT

ANNUAL

ECTS: 4

Textile Computing

Students will work with software previously taught in Computing I and II, Adobe Photoshop and Adobe Illustration, but in an extended and specific to fashion design way. Among the proposed exercises, textile textures simulation, computing fashion illustration and creation of fashion collection fact sheets stand out. Additionally, software of repetition prints design that enables to develop a minimum design to be repeated along a fabric through a digital printing process will be explained.

TYPE: OPT

ANNUAL

ECTS: 4

Pattern designing and dressmaking

This subject deals with the relevance of pattern designing as a supportive element for the piece making and as a fundamental element of study for the research of new essential volumes for the creative processes evolution.

TYPE: OPT

ANNUAL

ECTS: 4

History of Fabric and Costume

The phenomenon of covering oneself' (clothing) need, understood as a reflection of social, technical, political, economic and cultural changes will be the guide or "symptom" through which we will get to know a certain historic moment, trying to deduce ethics from aesthetics. The basic idea is not to forget that fashion is phenomenon parallel to life and that its success depends on the ability of understanding changes and synchronize; it is, therefore, a living phenomenon.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 3

Dyes and finishes

The student will be introduced to the observation of basic printing operations, as well as in the wool, cotton, natural cellulose and synthetic fibres dye and finish. The finished fabric behaviour in the face of dressmaking will be seen.

TYPE: OPT

ANNUAL

ECTS: 3

Spinning

This subject's aim is to provide a knowledge basis about a thread, a fabric and its finishes creation processes. The different structures of woven fabric, knitted fabric and nonwoven, as well as the distinct typologies and properties will be studied. Even so, how to use and take advantage of design fashion materials will be shown.

TYPE: OPT

ANNUAL

ECTS: 3

Fabrics structure techniques

The subject's objective is to know the features of fretworks applied to fashion field. We will identify its properties by means of the analysis of physical patterns and own experimentation with different materials.

TYPE: OPT

ANNUAL

ECTS: 3

3 Degree in Multidisciplinary Integration

Spaces fitting-out

This subject's aim is that the students get used to the strategies and criteria needed to design public spaces environmentally. Students will be given tools to be able to modify or design public spaces taking into account the appropriate legal, functional, accessibility, security, acoustic, climatic and lightning requirements.

TYPE: OPT

ANNUAL

ECTS: 4

Sociology of work

This subject analyses business organization, human resources management, interpersonal relationships and social intelligence, management skills and teamwork.

TYPE: OPT

SECOND FOUR-MONTH PERIOD

ECTS: 4

Visual communication techniques

This subject's aim is that the students get used to basic elements of the audiovisual language and technique, as much in the software part as in the theoretical and analytical one. At the end of the academic year, the student should be able to outline a little audiovisual project establishing coherence between its main idea and the audiovisual language basic elements that have been used.

TYPE: OPT

SECOND FOUR-MONTH PERIOD

ECTS: 4

Planning and development of events and protocol

The student will be introduced to several mass events planning and organization techniques, events and projects management, entry techniques and access control.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 4

Specific Projects I

It is outlined as a methodological and conceptual subject in which students must acquire the necessary knowledge to set out a project making in which all the variations that it may present will be considered in a comprehensive way. In this way, studies about the space, the chart and the signposting as well as recording possibilities are dealt with.

TYPE: OPT

SECOND FOUR-MONTH PERIOD

ECTS: 5

Eco-design

Eco-design is a methodology of design innovation directed at preventing or reducing the environmental impact of products, processes and services over their entire life-cycle. From an approach ranging from the global to the local, one works on as much the regulatory framework as the strategies and tools needed for the environmental analysis, alternatives for materials, energy, water or residues; for its use in different curricular itineraries.

TYPE: OPT

FIRST FOUR-MONTH PERIOD

ECTS: 4

3 Degree in Design

Subjects available to different itineraries

Technical fabrics

This subject will have a theoretical-practical nature and aims to be an introduction to textile fabrics which have a technical use (high technical properties) or technological (those which respond to a stimulus) and lead to suppose an innovating element in the new products development. We can find these materials in different corporate sectors, such as automotive, packaging, sports, architecture/ interior design, fashion, agriculture, medicine, transport, etc. We will see which typologies exist and its properties, as well as the current applications.

ECTS: 3

AVAILABLE TO THE FOLLOWING ITINERARIES:

F, P, INT, MI

Digital Image Treatment

The digital image treatment subject goes in depth on aspects either technical or related to graphic languages. These are necessary to complement graphic treatment issues in any audiovisual product.

ECTS: 4

AVAILABLE TO THE FOLLOWING ITINERARIES:

F, P, INT, MI

Photography II

The Photography II subject aims to go deeper into the photographic process, as much the analogic photography as the digital one, favouring knowledge about the technical means that enables the research in the processes and the photographic handling.

The goal is to master the photographic language in order to apply it on the different professional fields, emphasizing art and design.

ECTS: 4

AVAILABLE TO THE FOLLOWING ITINERARIES:

AV

Illustration

The subject makes the resources and illustration techniques known, on one side, promoting the student's own style recognition and, on the other, a reunion with the illustrator's figure.

It is also the intention to show the working methodology as much for the conceptual resolution of the illustration applied to different communication platforms: advertising, publisher/editorial, press and design in general, as for the formal one.

ECTS: 4

AVAILABLE TO THE FOLLOWING ITINERARIES:

F, P, INT, MI

Eco-design

Eco-design is a methodology of design innovation directed at preventing or reducing the environmental impact of products, processes and services over their entire life-cycle. From an approach ranging from the global to the local, one works on as much the regulatory framework as the strategies and tools needed for the environmental analysis, alternatives for materials, energy, water or residues; for its use in different curricular itineraries.

ECTS: 4

AVAILABLE TO THE FOLLOWING ITINERARIES:

G, INT, F

Visual communication techniques

This subject's aim is that the students get used to basic elements of the audiovisual language and technique, as much in the software part as in the theoretical and analytical one. At the end of the academic year, the student should be able to outline a little audiovisual project establishing coherence between its main idea and the audiovisual language basic elements that have been used.

ECTS: 4

AVAILABLE TO THE FOLLOWING ITINERARIES:

INT, P, F, G

Documentary photography

The problem with the photographic expression emphasizing the way how language and visual communication change into the essential vehicles of art and design peculiar emotions will be worked on. The goal will be to obtain the sensitization and, consequently, an answer from the observer in the face of photographically documented design proposals.

ECTS: 4

AVAILABLE TO THE FOLLOWING ITINERARIES:

AV

Compulsory subjects

4 Degree in Design

Final Degree Project

The FDP is the last pedagogical record to evaluate the student's acquired knowledge all along the studies. It is a work that has to integrate of projects, instrumental and conceptual competences. It is done individually with the tutor's help.

The FDP has very specific regulations which can be found in ESDi's web page.

ECTS: 16

TYPE: C

Enterprise internships

The Degree in Design wants to make students ready to be able to join an enterprise. The internships, with a minimum duration of 120 hours, are the very first contact of the student with a professional studio.

Internships' description can be found in page 14.

ECTS: 14

TYPE: C

Projects III

4 Degree in Audiovisual Design

The projects subject goes deeper into the methodology of projects outlined in the previous courses emphasizing the assignment's limitations and the efficiency in the goals' achievement, as well as in language and aesthetic factors that make more appropriate the election of one way or another to transmit a message in an efficient way.

Students will work on a classic or new format audiovisual project.

TYPE: OPT

ECTS: 6

3D alternative techniques

3D tools will be introduced as another kind of elements to generate so as to incorporate them in a classic or interactive audiovisual product.

3D software will be used to generate objects, learning modelling basic techniques. Frequent things in any 3D software such as a materials and textures editor and scene lightning creation will be used. Basic animation techniques and synchronization with sound to these tools will be learnt, as well as final images creation through the most used types of render depending on the production that has to be made.

TYPE: OPT

ECTS: 4

Interactive systems design and programming

This subject starts from the acquired knowledge to the audiovisual installations execution and goes in depth into relationships between users and interactive systems identifying requirements and needs in order to be able to make a design focused on the user. New spaces and interactive environments will be analysed, as well as new devices. Programming language knowledge like Open Frameworks and Processing will be offered, as well as practical tools in the field of audiovisual languages and installations.

TYPE: OPT

ECTS: 8

Graphic design for TV

The Graphic Design for TV subject will provide the students a vision of the audiovisual closer to motion graphics and its application to television products such as program openings or continuity fades from TV channels.

The subject is more approached from the graphic design vision, which focuses on giving a brand image to a program or a TV channel, and on how to apply this concept to motion graphics with specific tools for these kinds of projects.

TYPE: OPT

ECTS: 3

Critical theory and new media

The subject proposes a revision of the different aesthetic approaches linked with the digital media development and a reflection about the most influent aspects in the path towards the current situation of generalised aestheticism. To this end, theoretical-practical inputs that have decisively taken part in the modification process of the contemporary subject perception will be analysed together with the very concept of subject.

TYPE: OPT

ECTS: 4

Book and projects presentation

This is a subject focused on the creation of a self-promotion book of the student and aims to teach students how to improve their projects presentation. A profession like a designer requires to be able to express in a convincing way, through a professional book in which the designer's work is shown.

TYPE: OPT

ECTS: 4

History of cinema

The subject suggests an approach to the development of history of cinema as a process in which interact different discursive series: aesthetic, social, economic, political, technological and cultural in general. Genres as specific artistic forms of cinema are studied and those moments where a differentiated style or aesthetic is seen are highlighted, as well as the main historical schools and aesthetics, the artistic statute of cinema and cinematographic vanguards at a European and American level. Its main features, representatives and most outstanding works are exposed. Proposals of films analysis are offered, and conditions of the audiovisual message reception together with the main theoretical aesthetics and trends of the world of cinema are studied.

TYPE: OPT

ECTS: 3

Calligraphy

To learn the art of writing with an artistic and correctly formed letter, according to different styles. To know the writing's history and its aesthetic developments framed by the technical skills, the speed and the material limitations of the different people; and to see technological tools, epochs and places.

TYPE: OPT

ECTS: 3

Documentary photography

The problem with the photographic expression emphasizing the way how language and visual communication change into the essential vehicles of art and design peculiar emotions will be worked on. The goal will be to obtain the sensitization and, consequently, an answer from the observer in the face of photographically documented design proposals.

TYPE: OPT

ECTS: 4

Projects III

It is outlined as a subject in which all knowledge acquired the previous years, in relation to the itinerary, the representation languages and the concepts analysis are tested. It is a year of perfection, research, acquisition of tools so as to improve the professional practise and innovation. In this academic year the student is the one who leads and has to decide what he or her wants to do. The teacher takes part in the project's conduction making public corrections.

TYPE: OPT

ECTS: 6

Projects IV

This subject is approached to perfection in the projects graphic analysis for the correct justification of decisions that have to be made. It is also open to approach other proposals of projects which have not been dealt with in the previous project subjects, embracing new proposals and trends.

TYPE: OPT

ECTS: 6

Book and projects presentation

This is a subject focused on the creation of a self-promotion book of the student and aims to teach students how to improve their projects presentation. A profession like a designer requires to be able to express in a convincing way, through a professional book in which the designer's work is shown.

TYPE: OPT

ECTS: 4

Web pages design

It is the second level of knowledge acquired in the 3rd year in this field. The subject goes deeper into tools and resources so as to get a correct web page design and creation, as a relevant part of any enterprise's or product's/service's brand image.

TYPE: OPT

ECTS: 4

Industrial packaging

Students will learn to create, plan and make a 3D volume meant to protect, represent, preserve, identify and promote any product.

At the same time, different typologies of order will be dealt with in relation to packaging proposals like facing proposals for new products in the design sector.

TYPE: OPT

ECTS: 3

History of cinema

The subject suggests an approach to the development of history of cinema as a process in which interact different discursive series: aesthetic, social, economic, political, technological and cultural in general. Genres as specific artistic forms of cinema are studied and those moments where a differentiated style or aesthetic is seen are highlighted, as well as the main historical schools and aesthetics, the artistic statute of cinema and cinematographic vanguards at a European and American level. Its main features, representatives and most outstanding works are exposed. Proposals of films analysis are offered, and conditions of the audiovisual message reception together with the main theoretical aesthetics and trends of the world of cinema are studied.

TYPE: OPT

ECTS: 3

4 Degree in Product Design

Bionics

Bionics consists of applying to the observation design and the structure knowledge, the nature possibilities and mechanics. It studies the best nature ideas and afterwards it imitates its designs and processes so as to solve human problems.

TYPE: OPT

ECTS: 3

Book and projects presentation

This is a subject focused on the creation of a self-promotion book of the student and aims to teach students how to improve their projects presentation. A profession like a designer requires to be able to express in a convincing way, through a professional book in which the designer's work is shown.

TYPE: OPT

ECTS: 4

Lightning design

The subject is divided in two areas: decorative and technical lightning. From the formulated briefing, the market models will be analysed and, thanks to the theoretical training, the students' projects viability will be considered. For the formalisation the constructive blueprints, the prototyping and the 3D, as well as graphic tools for its later presentation will be taken into account.

TYPE: OPT

ECTS: 4

Projects III

The project is outlined as a real project, with real market needs, with specific competence and possible interested enterprises. It is about providing a much closed differential value to proposals, an offer with a reasonable price and an appropriate decisive viability. The important thing is to follow the appropriate steps and to have a correct attitude in the evolution, in such a way that during the process the student must ask him or herself the right questions to determine the path to follow in each moment.

TYPE: OPT

ECTS: 6

3D modelling and rendering

This subject is about creating and modifying 3D objects through 3D modelling applications. Students will also find lightning effects creation, texturing, animation, transparencies, etc. And they will deal with objects creation through polygonal, tonalities, textures, shadows, reflections, transparencies, translucence, refractions, lightning (direct, indirect and global), depth of field, motion blur, atmosphere, point of view, etc.

TYPE: OPT

ECTS: 6

Technique

The technique's study includes melting and forging processes, with machines and welded or riveted connections, standardization rules, mechanical metrology, numerical control, tracing together with stippling and surface treatment.

TYPE: OPT

ECTS: 3

Utilisation technique. Materials and mechanics

Industrial handling processes. Finishes and surface treated. Relationship between structure elements. Mechanisms. Object's physical properties. Structures. Object's parts resistance.

TYPE: OPT

ECTS: 4

4 Degree in Interior Design

Installations II

This subject is presented as a continuation of Installations I, it will go deeper into air conditioning systems, insulations, water, electricity, etc... essential technical aspects when planning a construction.

TYPE: OPT

ECTS: 6

Book and projects presentation

Nowadays, designers' self-promotion is essentially done through the net. A virtual identity will be created and students will examine how to improve Internet positioning, sales through social networks, etc.

TYPE: OPT

ECTS: 4

History of architecture

The point of view that encompasses this subject is the history of architecture and design study in an interdisciplinary way and combining art historians', architects' and designers' vision.

TYPE: OPT

ECTS: 3

Computing IV

This subject pursues 3D tools' perfection and to get the maximum quality of realism from the projects representation through the use of advanced animation and lightning.

TYPE: OPT

ECTS: 4

Materials and finishes

The subject will emphasize on materials and its different finishes for interior design. Students will work on the project idea and on the material and finish choice as a part of the same fact, since the materials choice and its application in work is part of the global project decision.

TYPE: OPT

ECTS: 4

Projects III

The project is outlined as a real project, with real market needs, with specific competence and possible interested enterprises. It is about providing a much closed differential value to proposals, an offer with a reasonable price and an appropriate decisive viability. The important thing is to follow the appropriate steps and to have a correct attitude in the evolution, in such a way that during the process the student must ask him or herself the right questions to determine the path to follow in each moment.

TYPE: OPT

ECTS: 6

Refurbishment

This subject pretend to provide the student theoretical-practical knowledge related to spaces refurbishment. For this reason, it is approached from the current regulations, to the used materials, through the most appropriate techniques for each method.

TYPE: OPT

ECTS: 4

4 Degree in Fashion Design

Fashion projects I

This subject goes deeper into all the stages that form the whole project design process, such as: conceptualisation, execution and communication, all of them are essential to elaborate a solid project, as much in the ideas field as in all that makes the viable, either in the programmatical, constructive aspect or in the economic one.

TYPE: OPT

ECTS: 6

Fashion projects II

This subject will go deeper into content taught in the textile design Projects' subject, in which lingerie, menswear and footwear were dealt with.

TYPE: OPT

ECTS: 6

Book and projects presentation

This is a subject focused on the creation of a self-promotion book of the student and aims to teach students how to improve their projects presentation. A profession like a designer requires to be able to express in a convincing way, through a professional book in which the designer's work is shown.

TYPE: OPT

ECTS: 4

21st century fashion

Review of the 21st century fashion and its maximum representatives in the fashion world. Analysis of this field's phenomena. Introduction and illustrated comments about fashion communication campaigns in all its aspects (magazines, videos, catwalks...). Real simulation about how a fashion editorial is prepared by a magazine, it implies the most appropriate fashion designing approach for a photo shoot. The exercise will receive the support of a photographer and make-up professional teams.

TYPE: OPT

ECTS: 3

Materials and technology III

To learn that technology and innovation take part, more and more, of our closer daily environment and that we cannot omit the paper that textile materials and accessories can develop in the design world so as to create new objects, spaces, events, and particularly, costumes proposals with special features. To instil experimentation as a work method so as future designers get to use the analysis, as a research tool and as a way of looking for creative solutions.

TYPE: OPT

ECTS: 8

Textile computing II

Nowadays, designers' self-promotion is essentially done through the net. A virtual identity will be created and students will examine how to improve Internet positioning, sales through social networks, etc.

TYPE: OPT

ECTS: 4

Channels and techniques

The subject is suggested from three essential main ideas that allow us to talk about design communication. The first one will be journalism orientated towards fashion field, as a key tool in contents dissemination. In this sense we will have in mind the new models of online communication and the survival of traditional media specialized in this sector. We will also tackle the importance of trends in the profession of designer and the methodologies that we can follow to attain them. Finally, we will take a look to the different sales channels and the techniques carried out to reach the final client.

TYPE: OPT

ECTS: 4

Fabrics structure techniques

The subject's objective is to know the features of fretworks applied to fashion field. We will identify its properties by means of the analysis of physical patterns and own experimentation with different materials.

TYPE: OPT

ANNUAL

ECTS: 3

Business III: design management

Design business management. Planning and organisation of processes that enable to carry out activities which intend to offer a personalised and specialised product that takes into account the user's need and that provides competitiveness to the enterprise. To integrate design in the organization at a strategic level (that has to be part of the competences used to strategic decisions inside the organisation). Design integration degrees in the organisation (organisational design politics).

TYPE: OPT

ECTS: 6

Graphic analysis

This subject will be approached as a reinforcement of Final Degree Project conceptual part. Graphic models and art, culture and trends cultural precedents that will help the student to have a more critical vision about graphic design projects will be analysed.

TYPE: OPT

ECTS: 4

Ergonomics

Ergonomics is the application of anatomical, physiological and psychological knowledge to problems caused by the relationship between humans and objects and designed spaces that they use. Either environmental ergonomics or the ergonomics of a job position, furniture, a project or a service will be examined.

TYPE: OPT

ECTS: 4

Specific projects II

This subject's aim is to go deeper into the interdisciplinary concept understood as the integration and globalization resulting from each of the design disciplines. Proposals of projects have its origins in the approach of general hypothesis with a certain conceptual abstraction, in which the common ideas generating process, the communicative ability and the clarity and coherence in which the project is presented are essentially valued.

TYPE: OPT

ECTS: 5

Object's typology

Object's utilitarian, cultural and symbolic functions will be technically analysed. Additionally, an economic and commercial analysis with ethical evaluation criteria will be done.

TYPE: OPT

ECTS: 4

Typography I

This language instrumental subject is organized with workshop exercises and complemented with theoretical concepts. It outlines the formal interpretation of any kind of text, using the different typographic and paging resources, leading information from the authors to the readers through different formats according to typologies.

TYPE: OPT

ECTS: 4

Book and projects presentation

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TYPE: OPT

ECTS: 4

Channels and techniques

The subject is suggested from three essential main ideas that allow us to talk about design communication. The first one will be journalism orientated towards fashion field, as a key tool in contents dissemination. In this sense we will have in mind the new models of online communication and the survival of traditional media specialized in this sector. We will also tackle the importance of trends in the profession of designer and the methodologies that we can follow to attain them. Finally, we will take a look to the different sales channels and the techniques carried out to reach the final client.

TYPE: OPT

ECTS: 4