

FIRST LEVEL ACADEMIC DIPLOMA IN INDUSTRIAL DESIGN WITH CERAMIC AND ADVANCED MATERIALS

1st Year

| Learning Activities B= basic S= specific | Scientific – disciplinary Sectors | Hours of Lectures | Private study hours | CFA – Academic Credit System | Exam | Type |
|--|--|----------------------|---------------------------|---------------------------------------|----------------------|--------------------------|
| S | Theory of perception | 62 | 62 | 5 | E | |
| B | Semiotics for design | 50 | 50 | 4 | E | |
| B | History of contemporary art | 50 | 50 | 4 | | Two-years ⁽¹⁾ |
| B | History and culture of design | 50 | 50 | 4 | | Two-years |
| B | Mathematics for design | 50 | 50 | 4 | E (v) ⁽²⁾ | Combined ⁽³⁾ |
| B | Information technology for design | 38 | 38 | 3 | | |
| S | Design Methodology I with Physical Modelling | 125 | 125 | 10 | E(v) | |
| S | Drawing and form Analysis | 50 | 50 | 4 | E(v) | Combined |
| S | Drawing techniques | 50 | 26 | 3 | | |
| B | Descriptive and projective geometry | 62 | 62 | 5 | | Two-years |
| S | Photography and post-production | 50 | 50 | 4 | | Two-years |
| B | Materials science | 75 | 75 | 6 | E(v) | |
| Extra learning activities | English | 50 | 50 | 4 | | Two-years |
| | Totals | 762 | 738 | 60 | E (v) 4 E 2 | |

Notes

1) The course is held over two years with a final exam at the end of the second year.

2) E(v): students must pass this exam to gain access to the successive year.

3) Combined Exam: one single exam, common to all the relative subjects.

Compulsory attendance of at least a part of the lecture hours according to the requirements of the Academic Board.

2nd Year

| Learning Activities B= basic S= specific | Scientific – disciplinary Sectors | Hours of Lectures | Private study hours | CFA | Exam | Type |
|--|--|----------------------|---------------------------|-----|----------------|-----------|
| B | History of Contemporary Art | 50 | 50 | 4 | E(v) | Two-years |
| B | History and culture of design | 50 | 50 | 4 | E | Two-years |
| S | Design Methodology II with Physical Modelling | 126 | 126 | 10 | E(v) | Combined |
| B | Digital 2D and 3D technical drawing | 50 | 50 | 4 | | |
| B | Descriptive and Projective Geometry | 62 | 62 | 5 | E(v) | Two-years |
| S | Illustration | 62 | 62 | 5 | E | Combined |
| S | Tools and techniques of communication | 50 | 50 | 4 | | |
| S | Photography and post-production (two years) | 50 | 50 | 4 | | |
| B | Polymers Technology | 50 | 50 | 4 | E(v) | Combined |
| B | Ceramics Technology | 50 | 50 | 4 | | |
| B | Metals Technology | 50 | 50 | 4 | | |
| Extra learning activities | Product Atelier/Communication Atelier optional | 50** | 50 | 4* | E | Two-years |
| Extra learning activities | English | 50 | 50 | 4 | E | Two-years |
| | Totals | 750 | 750 | 60 | E (v) 4 E 4 | |

During the first and second year lecturers may allow for a reduced attendance according to the recognition of learning outcomes and competences the student already possesses in the relative subject.

3rd Year

| Learning Activities B= basic S= specific | Scientific – disciplinary Sectors | Hours of Lecture s | Private study hours | CFA – Academi c Credit System | Exam | Type |
|--|---|-----------------------------|---------------------------|--|------|-----------|
| B | History and critique of contemporary design | 50 | 50 | 4 | E | |
| S | Design methodology III with physical modelling | 125 | 125 | 10 | E | |
| S | Product Graphics | 62 | 62 | 5 | E | Combined |
| S | 3D automatic drawing | 50 | 50 | 4 | | |
| S | Design with Physical Modelling | 126 | 126 | 10 | E | Combined |
| S | Communication Design | 50 | 50 | 4 | | |
| S | Industrial Ceramic Processes | 50 | 50 | 4 | E | |
| S | Industrial Metals and Polymers Processes | 62 | 62 | 5 | E | |
| Extra learning activities | Product Atelier/ Communication Atelier (optional) | 50** | 50 | 4* | E | Two-years |

| | | | | | | |
|--|---------------------------------|-----|-----|----|-----|--|
| | Stage, research and development | | | 2 | | |
| | Individual activities * | | | 3* | | |
| | Diploma Thesis | | 250 | 5 | E | |
| | Totals | 625 | 875 | 60 | E 8 | |

*Individual activities can be chosen by each student, and could consist in organized projects (i.e. Ateliers, events attending, etc.) or self-arranged activities advanced by the student and accepted by the Academic Council.

** the value is indicative as it is connected to the choices of the student - see table below "optional curricular activities".