Milano School

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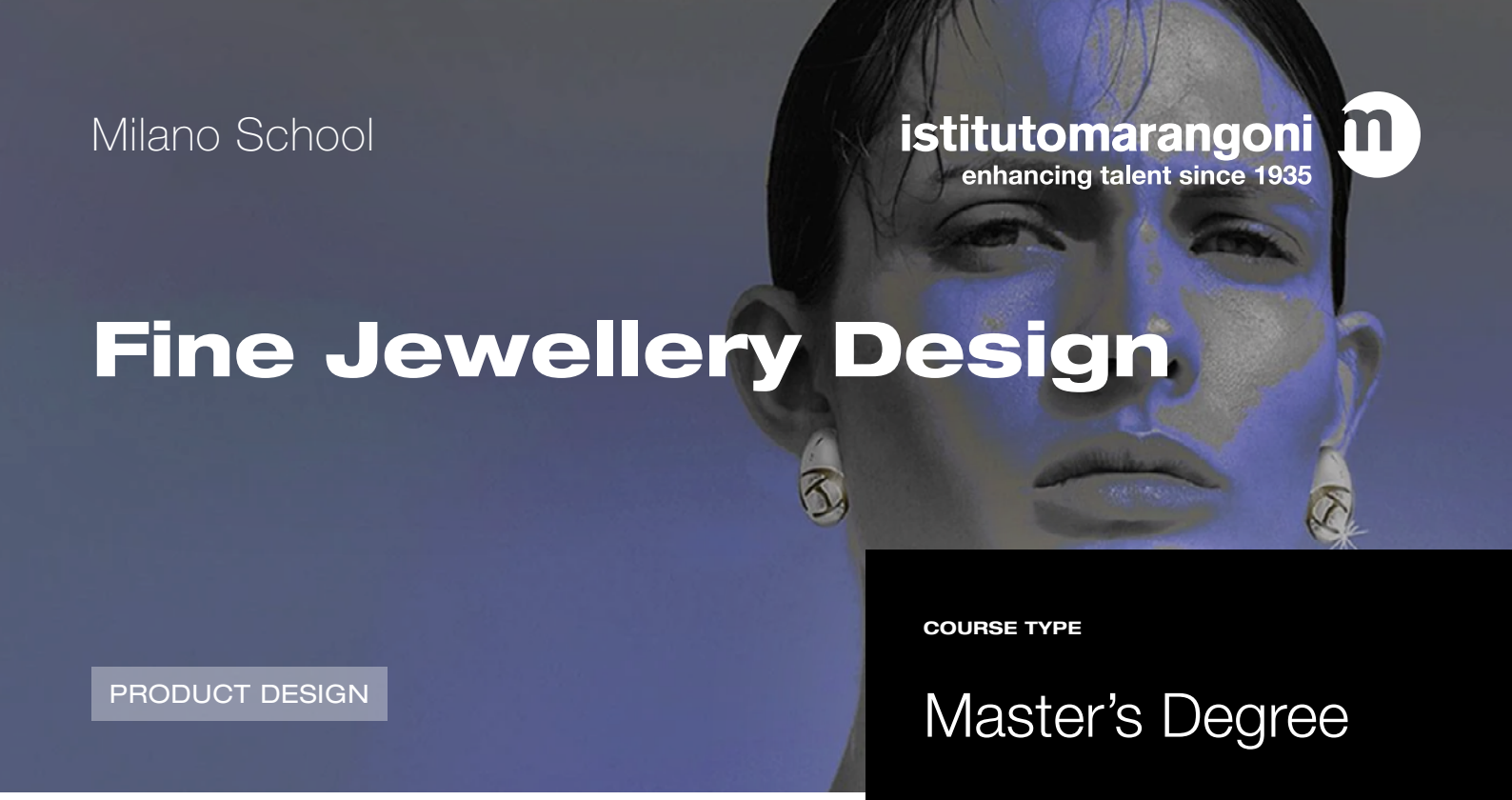

Fine Jewellery Design

PRODUCT DESIGN

COURSE TYPE

Master's Degree

AFAM / 60 CFA equivalent to 60 ECTS credits

Recognized by the Italian Ministry of University and Research.

OVERVIEW

The Fine Jewellery Design Master's course integrates **traditional and advanced methods**, merging Italian design heritage with contemporary aesthetic languages. Participants will gain in-depth knowledge of **jewellery culture**, **manufacturing processes**, **design methodologies**, **hand-drawing skills**, and **digital tools** used in the jewellery industry, including advanced 3D modelling technologies.

Throughout the Master's course, students will work on projects in **collaboration with renowned international high-jewellery brands**, allowing them to apply their skills within real industry contexts and gain insight into professional creative processes.

The learning experience is further enriched by specialised **gemmology classes** and hands-on **workshops** focused on traditional and innovative **goldsmithing techniques**.

Participants will be guided by top-level art directors, master goldsmiths, and designers, ensuring a comprehensive understanding of both craftsmanship and contemporary jewellery design practices.

Careers opportunities:

- **JEWELLERY DESIGNER**
- **PRODUCT MANAGER** IN JEWELLERY COMPANIES
- **TREND RESEARCHER** IN THE JEWELLERY FILED
- **JUNIOR DESIGN** IN A JEWELLERY DESIGN STUDIO
- **PRODUCT DEVELOPER** IN THE JEWELLERY INDUSTRY

WHY MILAN?

As a global capital of design, luxury and innovation, the City of Milan offers privileged access to **leading brands**, **design studios**, **exhibitions**, **trade fairs** and **industry events**. The city becomes an extended classroom where students can observe and interact with excellence in craftsmanship, hospitality and contemporary living.

KEY OUTCOMES

— Analyse historical, cultural, and stylistic contexts to support creative research

Students will be able to interpret jewellery from different historical periods, understand the cultural, social, and symbolic meanings behind artefacts, and translate these insights into informed and innovative design concepts.

— Identify, evaluate, and apply gemmological knowledge for high-quality jewellery Design

Students will demonstrate the ability to recognise gemstones and their properties, select appropriate cuts and treatments, and integrate gems correctly into jewellery pieces according to technical rules and aesthetic requirements.

— Visually represent jewellery through advanced manual and digital technique

Students will be able to produce accurate orthographic, axonometric, and freehand drawings, render materials and gemstones, and develop professional presentation tables that communicate structure, mechanisms, and design intent effectively.

— Apply goldsmithing technologies and production methods to design feasible artefacts

Students will understand the components, mechanisms, and main goldsmithing techniques—including hammering, casting, stone-setting, and enamelling—and use this knowledge to plan technically coherent jewellery pieces that can be realistically produced.

— Develop, model, and communicate complete jewellery collections using design methodology and CAD tools

Students will be able to follow a structured creative process from brief to final proposal, create 3D models and 2D drawings in Rhinoceros, refine concepts through moodboards and prototypes, and present cohesive collections aligned with brand or company requirements.

INDUSTRY COLLABORATIONS

Thanks to Istituto Marangoni's **strong ties with leading luxury companies** and its diverse international student community, Istituto Marangoni Milano offers a unique methodology that allows students to work on projects under the supervision of the most prestigious fashion and beauty brands, gaining valuable global perspectives.

Some high-value collaborations include:

- **SICIS JEWELS**
- **VHERNIER**
- **BUCCELLATI**
- **POMELLATO**

FACULTY

The Faculty at Istituto Marangoni is recognised internationally for its academic excellence and strong Industry connections. Lecturers and teachers are established professionals who bring real world expertise into the classroom, offering students direct insight into contemporary practices, emerging trends, and the dynamics of the global fashion, design, and luxury industries.

PLAN OF STUDY

SUBJECT	DESCRIPTION	ECTS
TECHNIQUES OF DESIGN COMMUNICATION	Professional layout, graphic communication, and visual storytelling tailored to jewellery design.	**4**
MATERIALS SCIENCE AND TECHNOLOGY	Introduces the identification, classification, and physical–optical properties of gemstones, from precious stones to lesser-known minerals.	**2**
FORM AND PLANNING: ANALYSIS AND REPRESENTATION	Develops technical drawing skills through axonometry, orthographic views, and colour rendering for solid volumes and jewellery components.	**4**
DESIGN HISTORY AND CULTURE	Explores the evolution of European jewellery from the mid-1800s to the 1950s, analysing styles, techniques, and cultural contexts that shaped major maisons.	**3**
COMMUNICATION TOOLS AND TECHNIQUES	Introduces the fundamentals of visual communication for presenting creative ideas and technical details.	**1**
COMPUTER AIDED DESIGN (CAD)	Focuses on using Rhinoceros for 3D modelling, 2D technical drawing, and support for digital prototyping.	**4**
PRODUCT DESIGN 1	The course engages students in company-based projects, guiding them through research, concept development, and creation of jewellery collections. The course emphasises personal creative identity, design refinement, and professional storytelling aligned with a brand brief. Deepens the development of complex jewellery collections, integrating advanced research, material selection, and 3D prototypiing.	**4**
PRODUCTION TECHNOLOGIES 1	Covers essential goldsmithing techniques and the mechanics of jewellery components.	**2**
DESIGN METHODS	Provides a complete methodology for designing jewellery, from interpreting a brief to developing moodboards, concepts, and style definitions.	**2**
REPRESENTATION TECHNIQUES AND LANGUAGES	Strengthens the ability to visually communicate jewellery through drawing, rendering, and advanced graphic compositions.	**4**
RENDERING	Trains students in rendering techniques for metals, gemstones, and surface finishes using digital tools.	**4**
GRAPHIC DESIGN	This subject introduces the fundamental principles of graphic design to support brand identity, product communication, and visual coherence across all project materials. Students learn to create refined layouts, digital assets, and promotional content for jewellery collections, while developing a professional portfolio that effectively presents their creative vision, technical skills, and design methodology.	**2**
PRODUCT DESIGN 2	The course engages students in company-based projects, guiding them through research, concept development, and creation of jewellery collections. The course emphasises personal creative identity, design refinement, and professional storytelling aligned with a brand brief. Deepens the development of complex jewellery collections, integrating advanced research, material selection, and 3D prototypiing.	**6**
PRODUCTION TECHNOLOGIES 2	Provides advanced knowledge of goldsmithing processes, with a focus on technical details, manufacturing constraints, and decorative treatments.	**2**
INTERNSHIP	Internship.	**10**
DISSERTATION	Final written thesis.	**6**