

Specialization Courses

WEEKEND FORMAT

LCI Barcelona

Specialize without putting your career on hold

Our specialization courses are designed to help you strengthen your profile or give your career a boost, while building the in-depth skills that set you apart in an increasingly competitive market.

When you complete your course, you will earn a Specialization Diploma awarded by LCI Barcelona. Backed by the prestigious LCI Education international network, this qualification certifies specialized, practical skills in the subject area of each program.

Why choose LCI Barcelona?

- **A specialization that opens doors**
  A promotion, a career change, or a new opportunity, wherever you're starting from.
- **Balance your job and your studies**
  Classes on Friday afternoons and Saturday mornings, without setting aside your work week.
- **Intensive training with real impact**
  Learn from working professionals and apply what you learn to real projects.

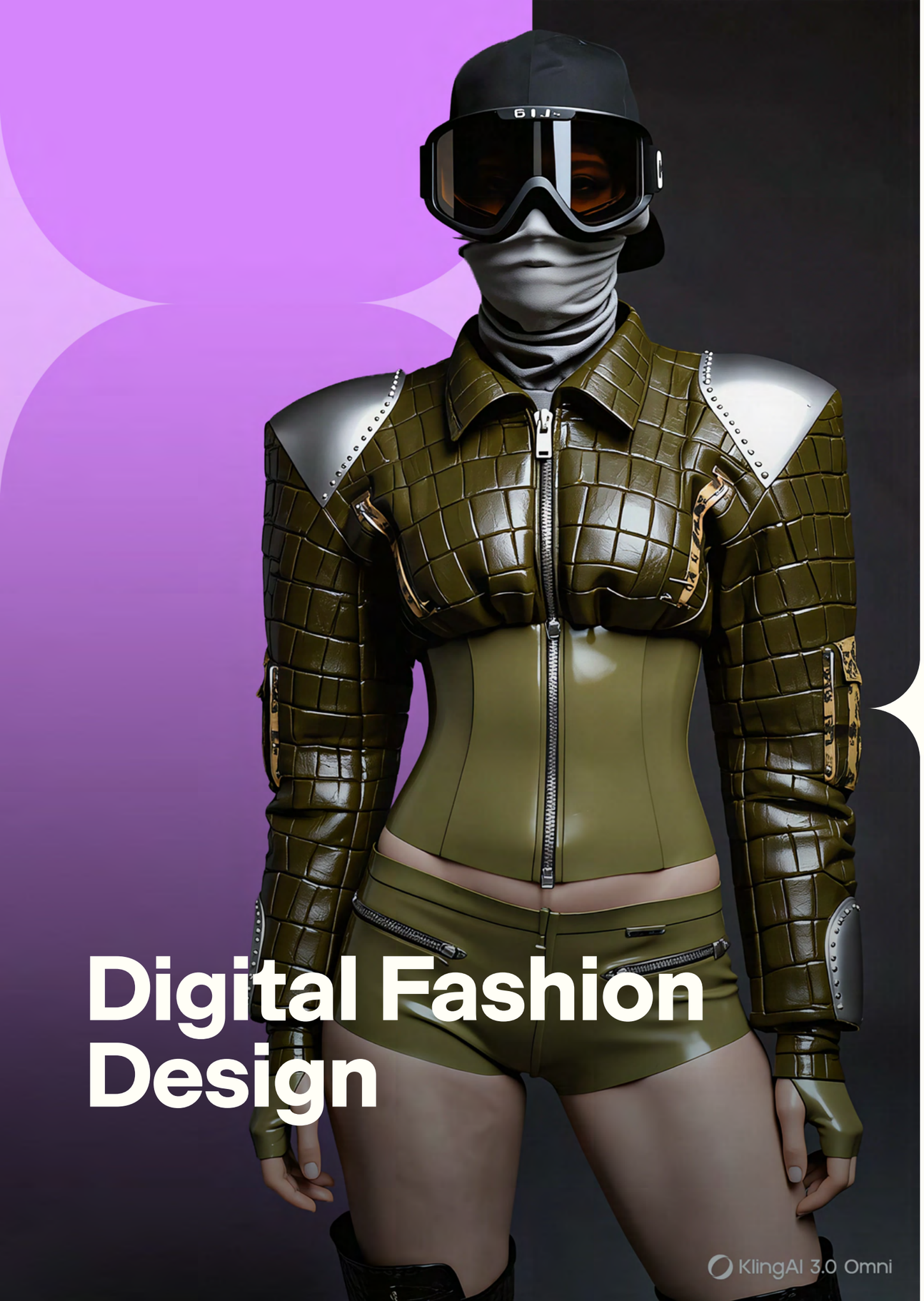
Weekend schedule

All courses are held on Friday afternoons and Saturday mornings.

The best place to specialize

Our spectacular campus, located in the 22@ innovation district, has been recognized with the prestigious Prix Versailles for architecture as the most beautiful in the world. Covering 11,000 square meters, it offers sustainable facilities equipped with advanced technology.





Digital Fashion Design

About the course

Discover the creative and strategic potential of digital fashion through an introduction to CLO3D and today's digital workflows. Through hands-on practice, you will learn to create and develop digital garments, understand the fundamentals of virtual prototyping, and see how 3D technologies and artificial intelligence are transforming fashion design, product development, and visual communication.

Throughout the course, you will develop a personal project that ties your whole learning experience together: from pattern development and digital garment simulation to material exploration, turntable animation, AI-generated imagery, and introductory tech pack documentation. You will work in CLO3D as your main design environment and discover AI tools that support creative exploration, visualization, and professional communication.

Language	Spanish
Duration	40 hours
Format	On campus at LCI Barcelona
Schedule	Friday afternoons and Saturday mornings

What you will learn

By the end of the course, you will be able to:

- Build and transform digital garments from existing blocks and from patterns drafted from scratch.
- Evaluate simulated fit and fabric behavior, and use the results to refine patterns and construction.
- Develop materials, colorways, prints, graphics, trims, and selected accessories.
- Create renders, a turntable animation, and AI-assisted fashion imagery for a cohesive portfolio presentation.
- Prepare technical views and selected garment information for introductory tech pack pages.

Study plan

You will learn digital fashion tools through hands-on garment development exercises and apply them right away to your personal project.

1. **INTRODUCTION TO DIGITAL FASHION AND THE CLO WORKFLOW**
Explore how digital garments support design, prototyping, and product development. Learn the CLO3D environment through a first construction exercise, moving between the 2D pattern workspace and the 3D garment simulation.

2. **BUILDING, DRAFTING, AND TRANSFORMING**
Develop garments through two complementary approaches: adapting existing blocks and drafting patterns from scratch, exploring proportion, silhouette, and volume directly in 3D.

3. **GARMENT DETAILS, FIT, AND ACCESSORIES**
Evaluate and refine the relationship between avatar, pattern, and material through iterative simulation. Develop construction details such as topstitching, linings, fastenings, and trims, and add basic accessories or imported 3D elements.

4. **MATERIALS, SURFACES, AND GRAPHICS**
Develop the visual and material identity of your garment by exploring fabric behavior, color, texture, and surface design. You will also explore AI-assisted approaches to generating graphic or surface design concepts.

5. **DIGITAL PRESENTATION WITH AI**
Bring your digital garment to life with styling, camera composition, lighting, posing, backgrounds, and rendering techniques. Produce a turntable animation and a selection of images, and explore AI-assisted generation of editorial and campaign imagery, making sure the silhouette, proportions, material qualities, and key details stay true to your design.

6. **TECHNICAL OUTPUT AND TECH PACKS**
Translate your digital garment into technical documentation for communicating with patternmaking and product development teams: technical views, detail images, key measurements, colorways, materials, trims, and annotations.



Integrated personal project

You will choose an achievable garment or look in consultation with your instructor, building on your previous experience in design and patternmaking. Guided exercises, feedback sessions, and project reviews support you at every stage. Your final submission includes:

- A concept and visual reference page explaining the design direction.
- A fully developed CLO3D garment or look, with pattern, fit, and material iterations.
- Final renders, a turntable animation, and AI-assisted fashion imagery.
- Introductory tech pack pages and a concise portfolio presentation.

The course includes

- Masterclasses by digital designers and patternmakers who use CLO3D every day.
- A visit to a fashion company with a digital design and virtual prototyping department, to learn about emerging professional roles, workflows, and applications of digital fashion.

Who it’s for

This course is for you if you work in fashion design, product development, or patternmaking, or if you are part of an emerging brand, and want to gain practical digital fashion skills. It is also a good fit if you are a product or fashion management professional who meets the entry requirements. It is designed for people who already have a background in garment construction and patternmaking and want to deepen their command of CLO3D and today’s digital fashion workflows.

Admission requirements

You need a degree in Fashion Design and experience in patternmaking. You don’t need any prior experience with CLO.

Instructor

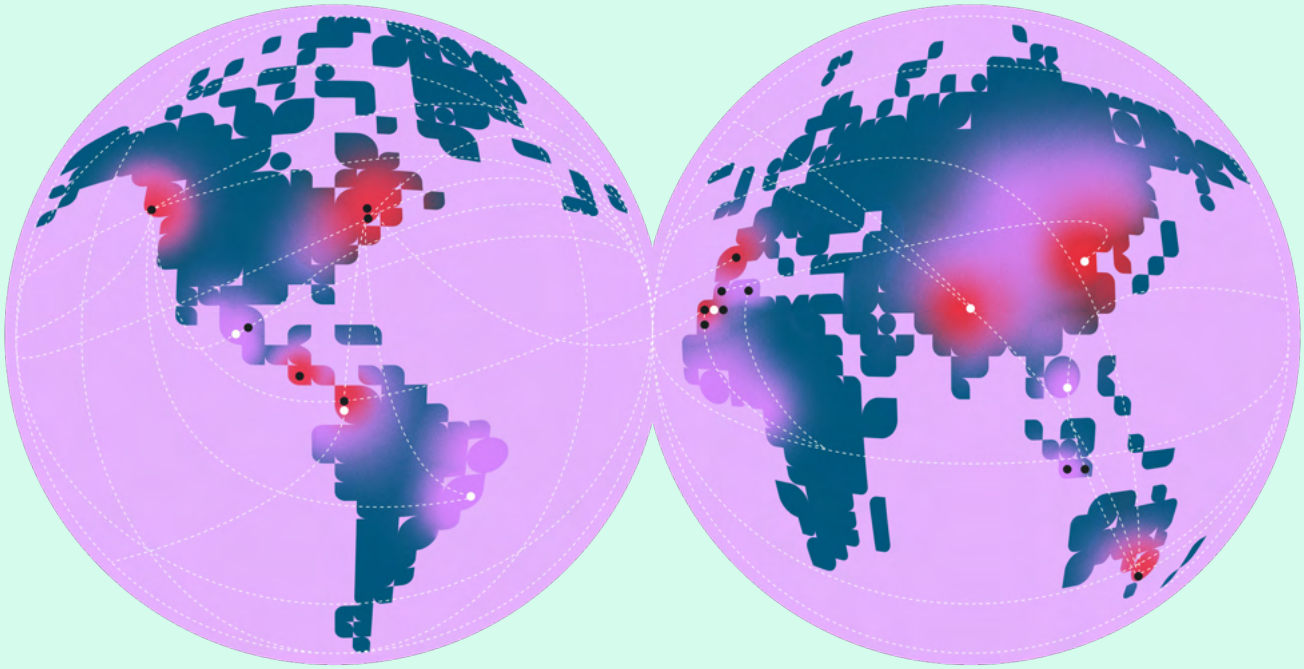
Deja Abati

Multidisciplinary designer and digital fashion specialist with more than 15 years of experience in fashion, textiles, and emerging technologies. He has worked for international companies including Alexander McQueen, Mango, Springfield, and Zara, and has led 3D fashion, digital product development, and AI-driven creative projects for brands such as CUPRA and DRESSX.

Based in Barcelona and trained at the University of the Arts London (UAL), he specializes in 3D fashion design, CLO3D, AI-assisted creative workflows, and digital product development, helping designers and brands navigate the future of fashion innovation.



LCI Education



The World is Your Classroom

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