

BACHELOR 2 (Semesters 3 & 4)

Semester 3 (Fall)

- **Design Studio 3 (7 ECTS)**

Students advance their sustainable design practice through applied project work. They refine their unique design perspective and learn to integrate responsible material selection, sustainable manufacturing processes, and life cycle impact assessments into developing solutions.

- **Corporate Partnership Projects (8 ECTS)**

Working in multidisciplinary teams, students address real-world design briefs commissioned by industrial, corporate, or community partners. This module develops competencies in applied project management, sustainable product/service design, and executive-level presentations.

- **Sustainability Principles 3 (3 ECTS)**

Focused on eco-design, material selection, and early life cycle assessment in line with UN SDG 12 (Responsible Consumption and Production). Students learn to evaluate the environmental burdens of materials and processes chosen for a given product or system.

- **Creative Thinking (3 ECTS)**

This course introduces creative ideation frameworks and divergence techniques. Students learn how to deconstruct existing products or ideas and transform them into innovative, distinctive design concepts.

- **Drawing level 3 (3 ECTS)**

Enhances freehand sketching, perspective drawing, and advanced analog and digital rendering techniques for clear visual communication. The course also covers the science and theory of color, human color perception, and strategic color application in design.

- **Advanced 3D (3 ECTS)**

Teaches complex 3D surface modeling using CAD software (Rhino) and advanced photorealistic rendering. Students also learn preparation workflows for digital output, 3D printing, and design for manufacturing.

- **Language: English or French (1 ECTS)**

Strengthens oral and written communication skills for international design practice. International exchange students join dedicated French as a Foreign Language (FLE) modules focused on conversational fluency and cultural immersion.

- **Bootcamp week (3 ECTS)**

An intensive week-long workshop offering hands-on exploration of niche topics, emerging design tools, or specialized methodologies led by visiting guest designers.

Semester 4 (Spring)

- **Design Studio 4 (7 ECTS)**

Building on prior studio experience, students consolidate their individual design process. The focus is on technical execution, narrative consistency, and sustainability impact analysis to build strong, portfolio-ready deliverables.

- **Corporate Partnership Projects (8 ECTS)**

A semester-long collaborative project tackling an external partner's design challenge. Students apply cross-disciplinary skills (branding, experience design, social innovation) up to the final professional jury defense.

- **Electives (3 ECTS)**

Students select one specialized track:

- *Sustainable Interior Design:* Explores spatial relationships, volume manipulation, structural and elevation systems, sustainable architectural materials, and standard architectural representation codes.
- *Sustainable Apparel & Fashion Design:* Examines sustainable transformation across the fashion industry, trend research and mood boards, material selection, upcycling, and zero-waste pattern making.
- *Sustainable Product Design:* Focuses on physical object design, developing a unique stylistic signature, evaluating manufacturing feasibility, selecting eco-materials, and analyzing overall product life cycles.

- **Sustainable Design History & Culture 2 (3 ECTS)**

A chronological, thematic, and critical overview of design and art history. Students examine the evolving ethical and humanistic role of designers in response to changing societal and environmental needs.

- **Digital Visualization & Intro to AI (3 ECTS)**

Combines advanced digital sketching and visualization workflows with an introduction to generative AI tools, emphasizing their operational capabilities, ethical boundaries, and strategic applications.

- **Hackathon Dynamic Design Sud (2 ECTS)**

A regional inter-school sprint linking students with local industries to solve an intensive design and innovation challenge under short turnaround times.

- **Study Trip (1 ECTS)**

A field study experience centered on community engagement and sustainability advocacy, leading to a synthesized study report or video documentation.

- **Language: English or French (1 ECTS)**

Continued development of professional English communication or interactive French language and cultural skills.

- **Bootcamp week (3 ECTS)**

A week-long masterclass dedicated to specialized topics and emerging design practices.

BACHELOR 3 (Semesters 5 & 6)

Semester 5 (Fall)

- **Major Design Studio 5 (7 ECTS)**

The launchpad for the culminating Bachelor graduation project. Students define broad, self-directed briefs, conduct contextual research, and establish a clear design direction driven by systemic thinking and individual creative voice.

- **Corporate Partnership Projects (8 ECTS)**

Collaborative project solving a design brief from an industrial, institutional, or corporate partner. Students develop advanced capabilities in project leadership, multidisciplinary collaboration, and strategic deliverables.

- **Electives (3 ECTS)**

Continuation of chosen specialization:

- *Sustainable Interior Design:* Advanced spatial planning, material libraries, sustainable refurbishment strategies, and human-centered architectural execution.
- *Sustainable Apparel & Fashion Design:* Applied case studies in circular fashion, zero-waste cutting techniques, and innovative sustainable materials.
- *Sustainable Product Design:* Deepening technical manufacturability, product lifecycle considerations, and distinct personal design identity.

- **Sustainability Principles 4 (3 ECTS)**

Adopts a whole-systems perspective ("Big Picture Thinking") to evaluate complex environmental challenges. Students learn cross-lifecycle and ecosystemic frameworks to shift design practice from generating problems to driving systemic solutions.

- **User Research for Social Impact (3 ECTS)**

Equips students with field research methods (ethnographic observation, qualitative interviewing, persona creation, user journey mapping) to identify actionable social impact opportunities, directly informing their Major Project.

- **Connected Objects (1 ECTS)**

Covers electronics fundamentals, microcontrollers (Arduino/IoT), and the integration of artificial intelligence for sustainable human-machine interactions and smart product design.

- **Personal Identity and Portfolio (1 ECTS)**

Focuses on professional positioning: defining one's authentic design stance, resume building, and curating an impactful, high-level design portfolio.

- **Language: English or French (1 ECTS)**

Professional communication in English (oral presentations, exam preparation) or immersive French language instruction for international students.

- **Bootcamp week (3 ECTS)**

A specialized workshop week led by external design professionals, focused on advanced tools and niche methodologies.

Semester 6 (Spring)

- **Major Design Studio 6 (10 ECTS)**

The final execution and defense phase of the Bachelor graduation project. Students deliver a comprehensive, systemically grounded design solution that highlights their design philosophy, technical precision, and sustainable impact.

- **Corporate Partnership Projects (8 ECTS)**

Comprehensive collaborative engagement on an external partner brief, emphasizing professional autonomy, complex problem-solving, and formal executive presentation.

- **Electives (3 ECTS)**

Final phase of specialization (Interior, Fashion, or Product Design): Completing specialized outputs demonstrating circular principles, technical viability, and mature stylistic quality.

- **Systemic Design & Life Centered Design (3 ECTS)**

Teaches frameworks for navigating systemic complexity and introduces Life-Centered Design. Students learn to expand beyond human-centered paradigms to account for non-human living systems, biodiversity, and ecological balance.

- **Trends and Stories (1 ECTS)**

Examines macro-trends and societal megatrends across sociology, technology, geopolitics, and lifestyle, analyzing their impact on future consumer behavior and sustainable practices.

- **Study Trip (1 ECTS)**

A European study excursion focused on significant design events, sustainable infrastructures, or innovation hubs.

- **Language: English or French (1 ECTS)**

High-level communication training in English or French, emphasizing persuasive argumentation and public speaking.

- **Bootcamp week (3 ECTS)**

Intensive workshop week providing cross-cohort collaboration on targeted emerging design topics.

MASTER 1 (Semesters 1 & 2)

Semester 1 (Fall)

- **Sustainable Design Studio: BElab (6 ECTS)**

A research-led studio exploring community engagement and civic activation. Students learn to deploy collaborative models addressing social development, public participation, and measurable impact frameworks.

- **Corporate Partnership Project Management & Leadership (8 ECTS)**

Students lead multi-level design teams addressing strategic briefs from corporate or institutional clients. The course emphasizes team leadership, systemic innovation, brand strategy, and professional stakeholder management.

- **Transition Management & Ethical Leadership (1 ECTS)**

Covers the foundations of collective intelligence, team dynamics facilitation, and ethical leadership. Students develop the facilitation skills needed to steer complex collaborative transition projects.

- **Design for Sustainable Development Goals (17 SDGs) (3 ECTS)**

Explores systemic design through the lens of the UN Sustainable Development Goals. Students learn to assess environmental burdens across product lifecycles and evaluate materials/processes to drive sustainable production and consumption (SDG 12).

- **Biomimicry Methodology (3 ECTS)**

Investigates how biological strategies, natural structures, and ecosystem principles can be translated into design innovations. Combines theoretical fundamentals with observational field research to inform sustainable solutions.

- **Social Innovation Design & Experience (3 ECTS)**

Focuses on advanced user experience (UX) and service design for social impact. Students learn how to uncover unmet user needs and create meaningful, delightful, and highly effective service architectures.

- **Systemic Design (3 ECTS)**

Provides methodologies and a formal vocabulary to map complex socio-economic, spatial, and technical ecosystems. Students learn to design interconnected system-level interventions that bridge previously isolated domains.

- **Language: English or French (1 ECTS)**

Targeted language instruction in professional English (TOEIC prep, oral pitching) or French as a Foreign Language (interactive cultural and communication practice).

- **Bootcamp week (3 ECTS)**

An intensive week-long masterclass dedicated to cutting-edge tools, advanced research, or emerging design approaches.

Semester 2 (Spring)

- **Sustainable Design Studio: Emotional Design (6 ECTS)**

Explores user-object emotional resonance and how design evokes affective responses. Students develop products, furniture, or digital/spatial systems designed to establish meaningful emotional connections and enhance product longevity.

- **Corporate Partnership Project Management & Leadership (8 ECTS)**

Continuation of real-world partnership leadership. Students steer cross-functional design teams through the entire innovation cycle, culminating in a professional proposal presented to executive stakeholders.

- **Regenerative Design Principles (3 ECTS)**

Moves beyond conventional sustainability toward regenerative practices that renew and restore social-ecological systems. Students examine circular systems, bio-based materials, and whole-systems thinking to enhance ecological resilience.

- **AI Design Strategy & Ethics (3 ECTS)**

Covers the practical and critical integration of generative AI within sustainable design practice. Students cultivate metacognitive reflection, ethical discernment, and collaborative skills to articulate and justify AI-augmented design work.

- **Sustainable Design Thinking (3 ECTS)**

Prepares future design leaders by analyzing global environmental, technological, and socio-economic shifts. Students learn to formulate forward-looking, sustainable strategies for businesses and brands.

- **Professional Practice, IP & Entrepreneurship (1 ECTS)**

Introduces professional business practices, intellectual property law, and pathways to sustainable entrepreneurship, connecting students with regional and national startup ecosystems.

- **Language: English or French (1 ECTS)**

Advanced professional communication in English or French as a Foreign Language, with emphasis on design advocacy and professional discourse.

- **Bootcamp week (3 ECTS)**

Masterclass week focused on experiential learning in specialized design domains alongside industry practitioners.