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LEARNING PATHWAY

HIGHER EDUCATION INSTITUTES

THE CO DESIGN PROCESS

PHASE 1 : PROTOTYPE YOUR IDEAL CURRICULUM
Using the cards from the Loopholes Final Deck (you can create new cards).

PHASE 2 : PROTOTYPE THE LEARNING EXPERIENCE
Choose which format/duration types are more suitable for your curriculum. Create new ones if needed.

PHASE 3 : TRANSITIONS CURRICULUM TIMELINE
Create a logical order and duration of the curriculum

PHASE 4 : DEFINING THE CONCEPT AND PEDAGOGIC PRINCIPLES OF THE TRANSITIONS' CURRICULUM

PHASE 5 : DEFINING THE TEACHING PATHWAYS

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PHASE 1,2,3

Elisava, HVA

PROTOTYPE YOUR IDEAL CURRICULUM

PROTOTYPE THE LEARNING EXPERIENCE

TRANSITIONS CURRICULUM TIMELINE

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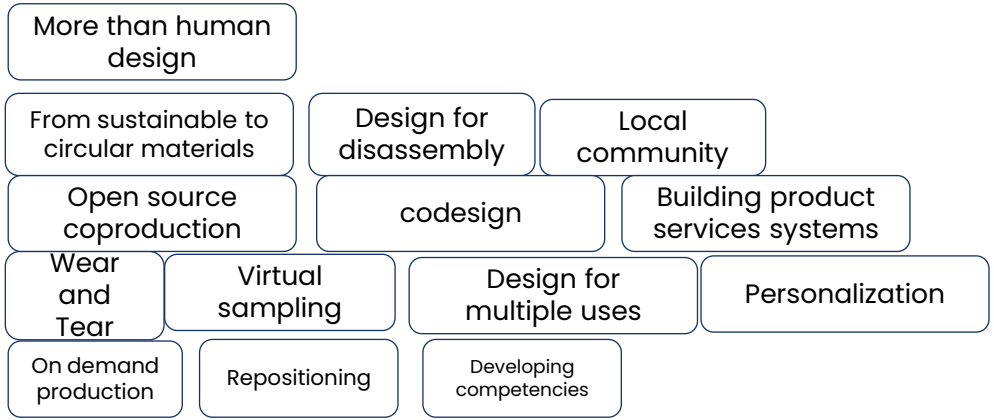
1. Prototype your ideal curriculum HEI ELISAVA proposal

5 themes >

1. Beyond
2. Circular Strategies
3. Productive ecosystems
4. Digitalization
5. Evolutionary thinking



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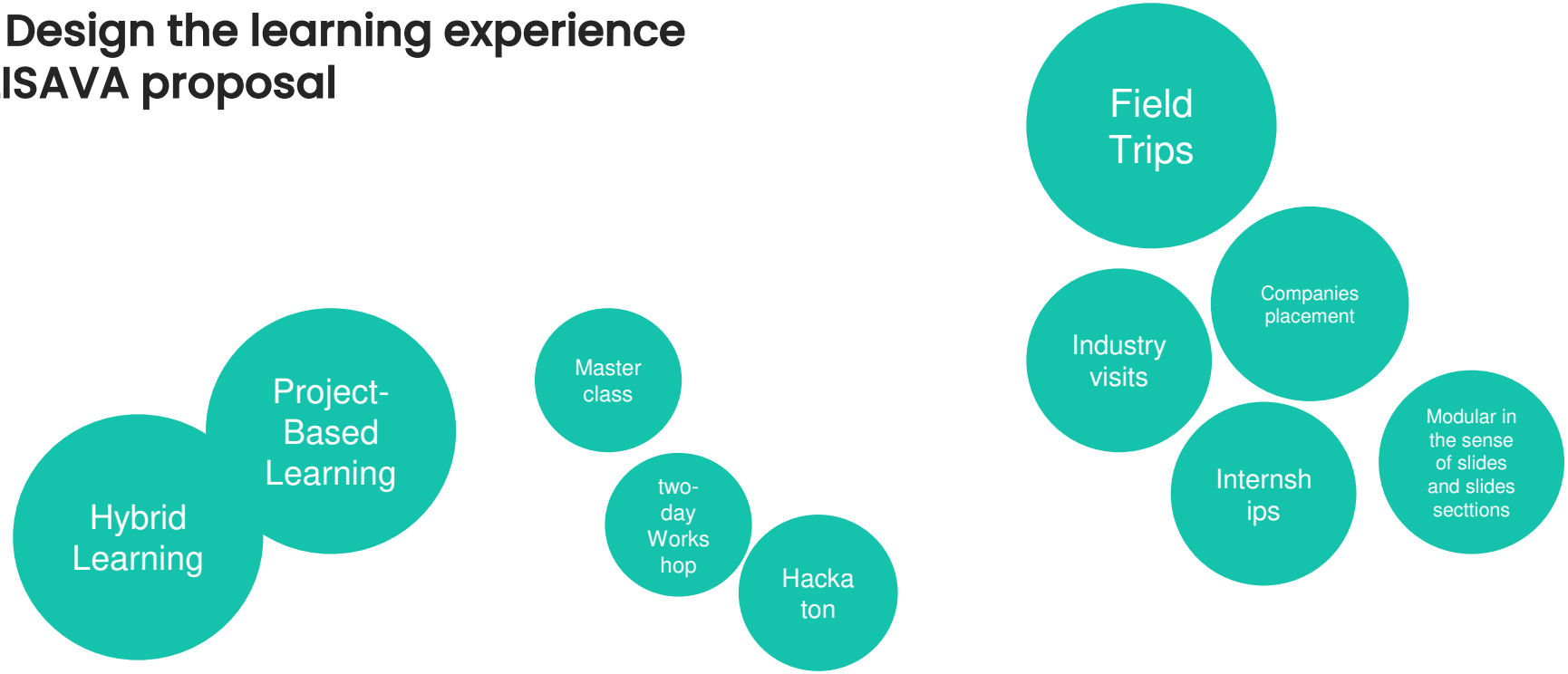
2. Design the learning experience ELISAVA proposal



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1. Prototype your ideal curriculum HEI HVA proposal

4 themes >

1. DS, AI and ML Social, Physical and Material Fit
   - Building Product Service Ecosystems
   - Digital Twin
   - Blockchain and Web3 Technologies
   - On demand production
   - Personalization
2. Rethinking Stakeholders
   - Task allocation
   - Refreshing roles
   - Strategic partnerships
   - Developing competencies
   - User as stakeholder
   - Co/design
3. Circular Material Systems
   - From sustainable to circular materials
   - Waste Reduction
   - Advanced sorting technologies
   - Shared governance
4. Reuse
   - Enabling repairability
   - Extending lifetimes
   - Revenue Models

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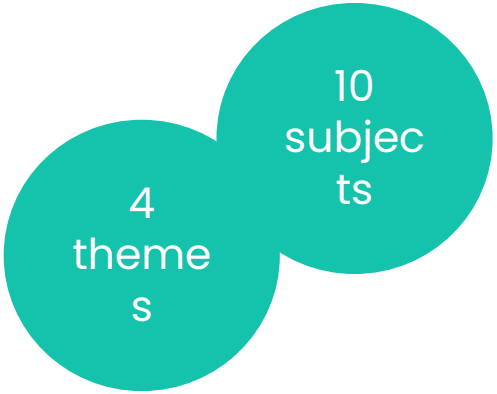
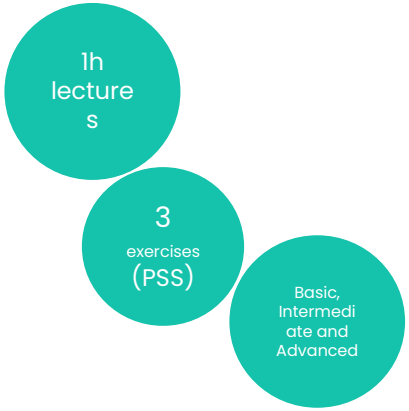
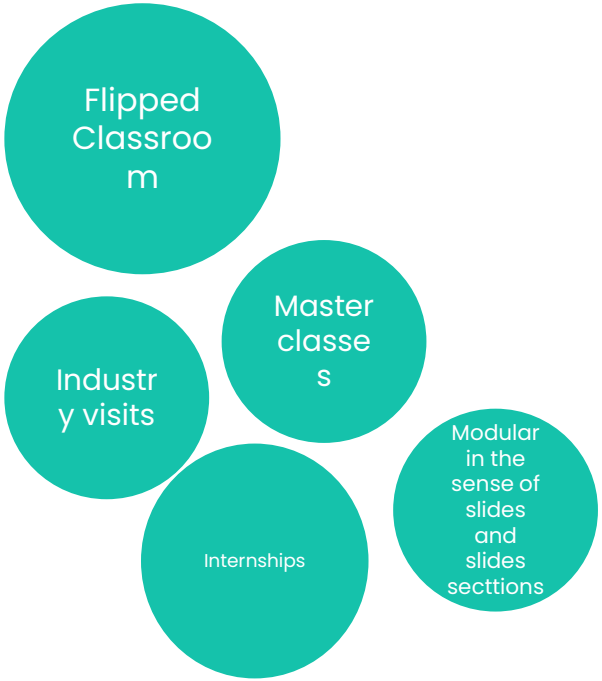
2. Design the learning experience HVA proposal

During the first phase cocreation sessions amongst partners were held, and each entity proposed a first draft of how they imagined the modular curricula







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PHASE 4

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DEFINING THE CONCEPT AND PEDAGOGIC PRINCIPLES OF THE TRANSITIONS' CURRICULUM

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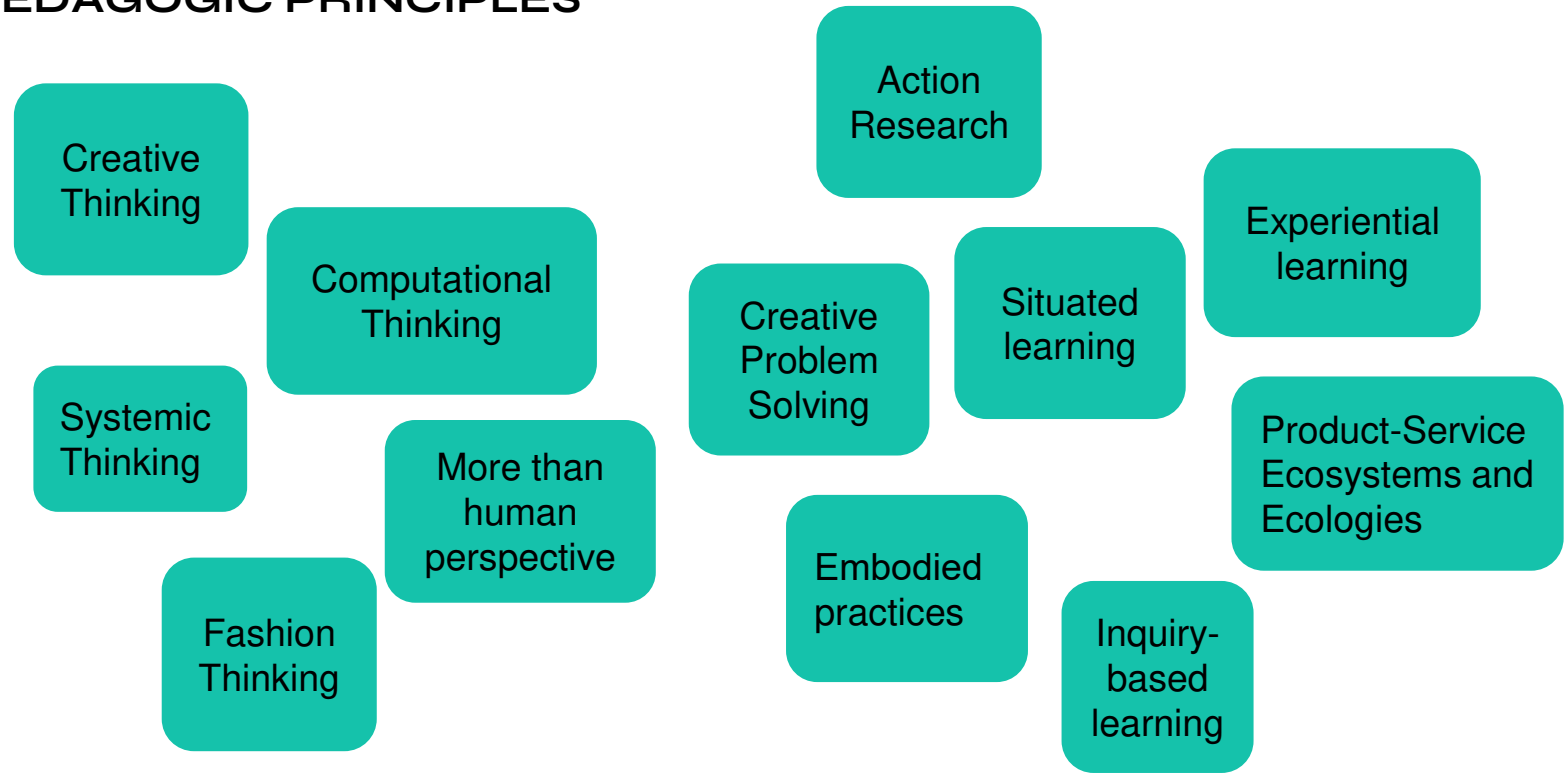
PEDAGOGIC PRINCIPLES



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PHASE 5

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DEFINING THE TEACHING PATHWAYS

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HEI Curriculum Proposal

Elisava, HVA

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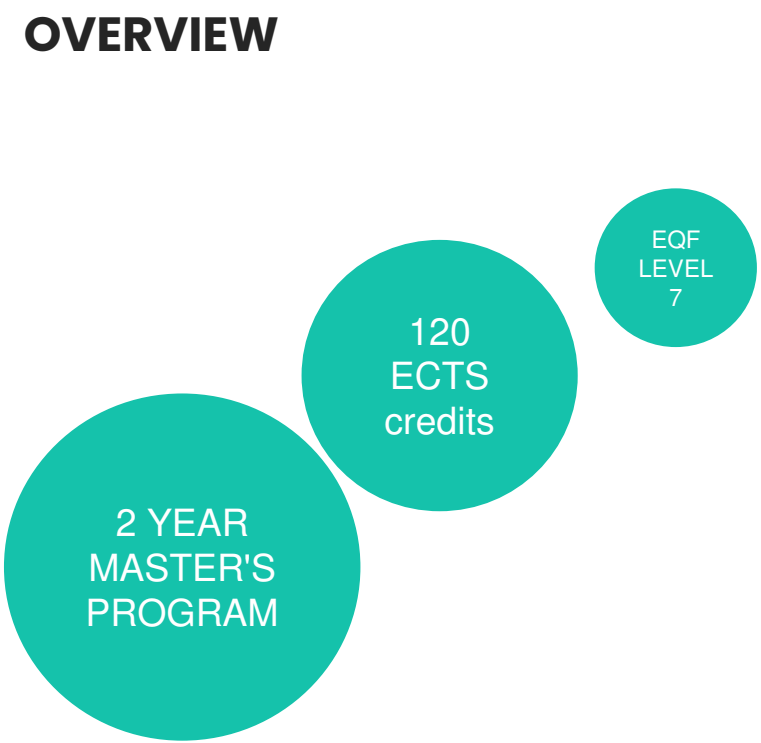
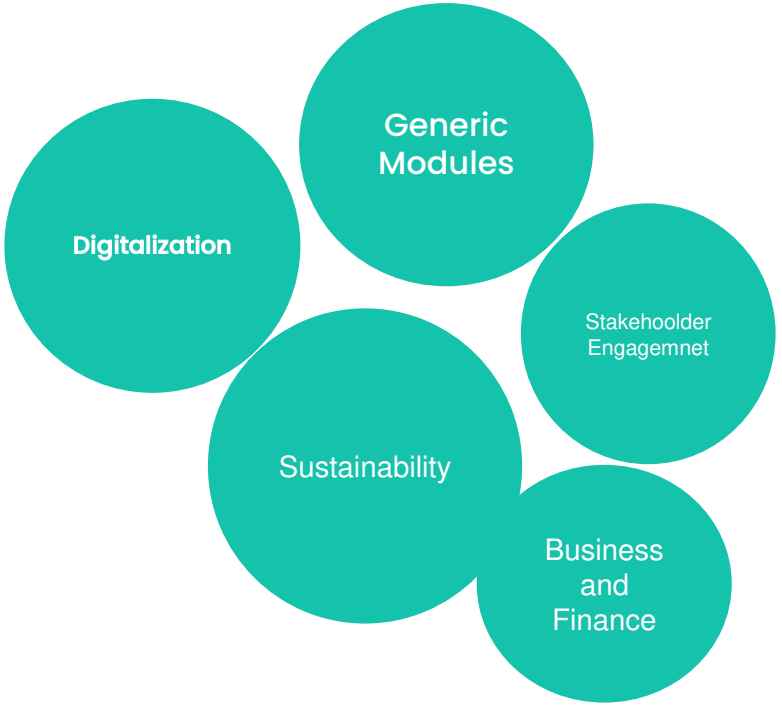
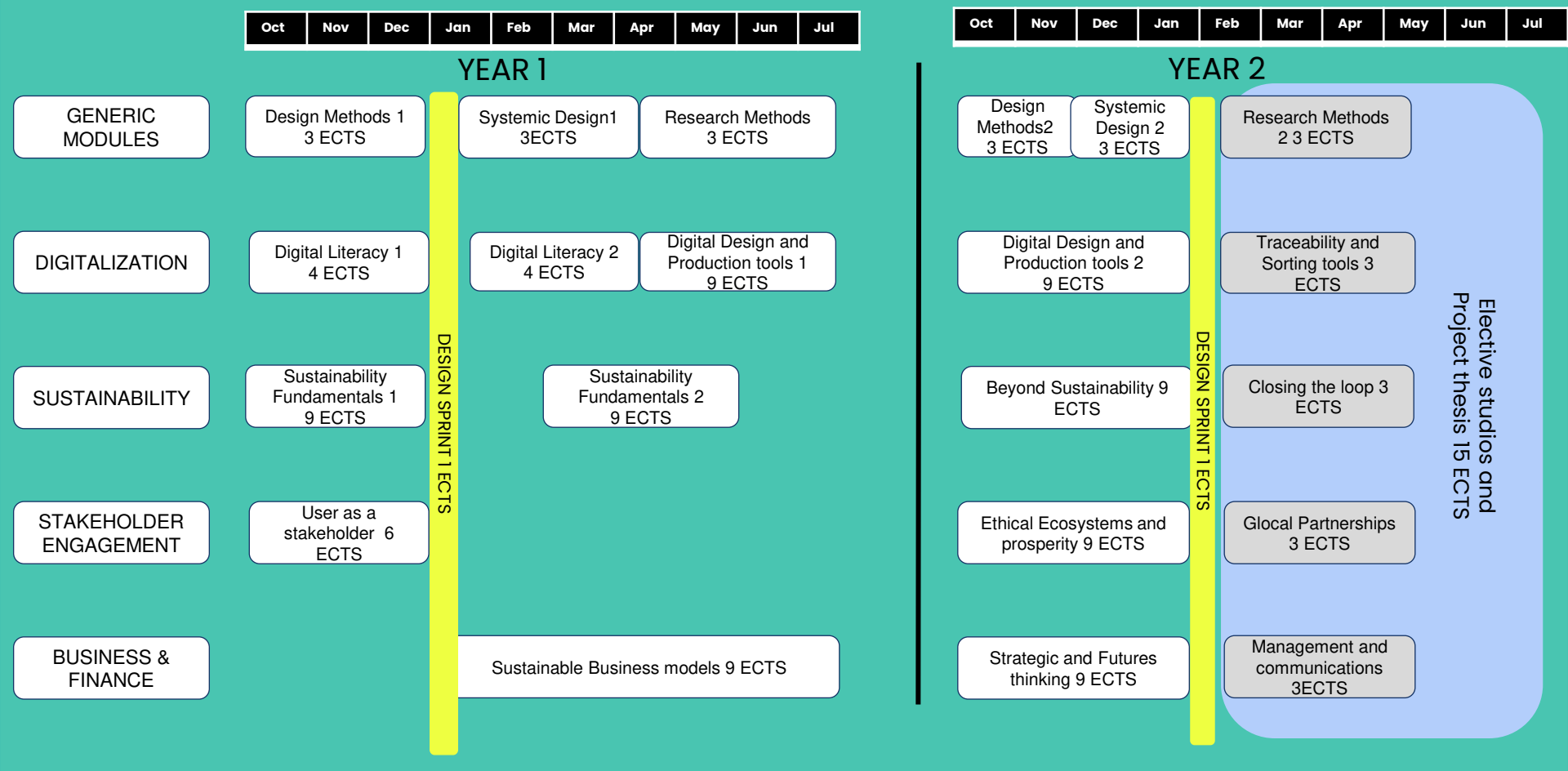
OVERVIEW





2-year Master's Degree / 120 ECTS



Exploring the HEI PATHWAY
generated by Transitions Loopholes Chatgpt

OVERVIEW

This 2 year Master´s program **Master's in Textile Circularity and Transition Leadership** supports the EU's twin transition goals for sustainability and digitalization, equipping students with skills to drive transformative change in the textile ecosystem.

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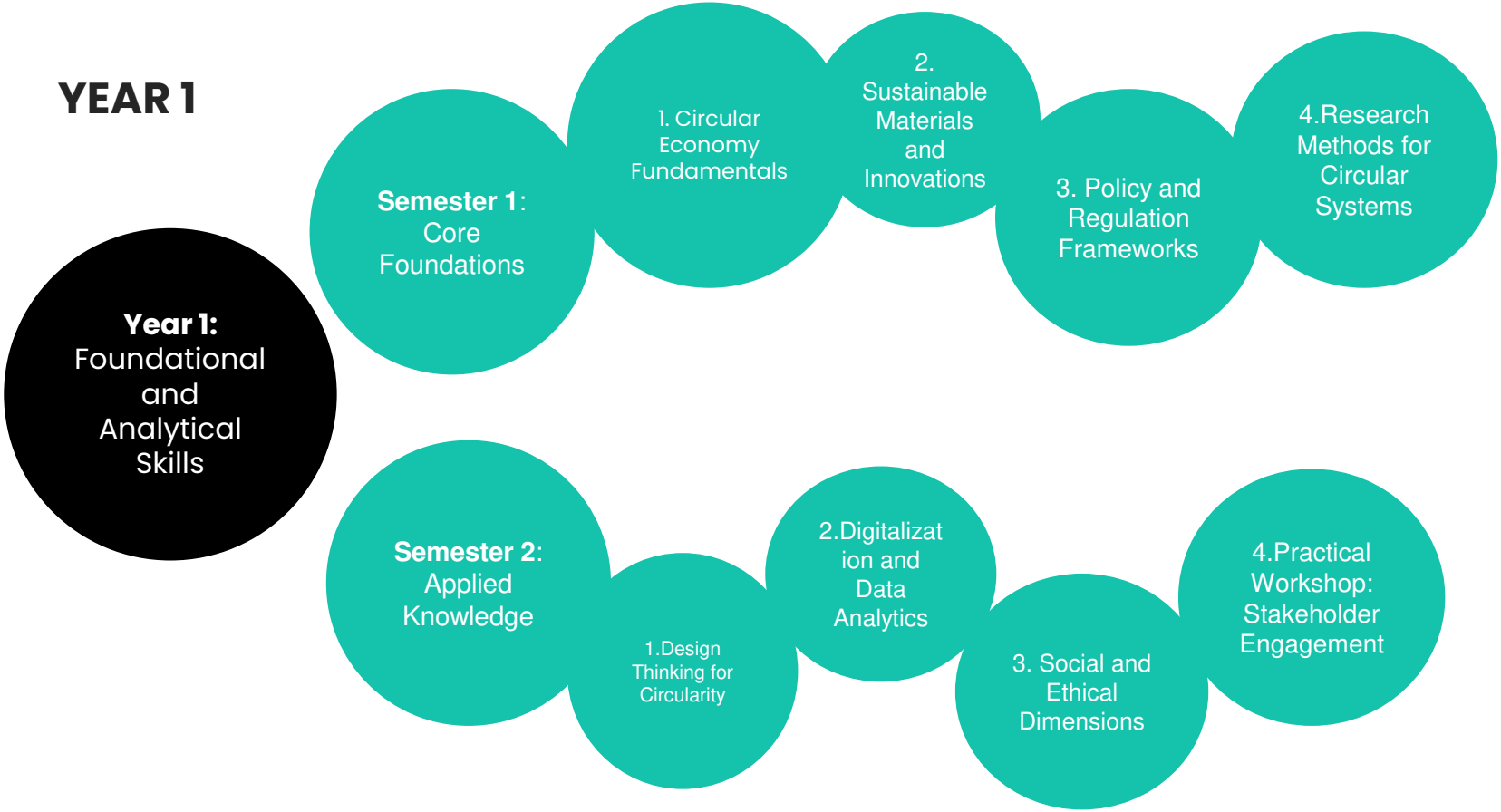
YEAR 1



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YEAR 2

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KEY FEATURES

- **Integrated Policy Focus**: Emphasizes EU sustainability policies like Ecodesign, aligning projects with legislative frameworks.
- **Loopholes Toolkit**: Integrates a unique toolkit for strategy building and scenario planning, enabling dynamic problem-solving.
- **Digitalization and Smart Systems Expertise**: Provides advanced training in digital tools for textile traceability and supply chain management, highlighting digital innovation in circular systems.
- **Global Collaboration and Export Strategies**: Focuses on internationalization and export opportunities in circular textiles, preparing graduates for global leadership.
- **Real-World Impact**: Practical learning through capstone projects and industry partnerships equips graduates to drive systemic change.
- **Social and Ethical Leadership**: Promotes inclusive, ethical leadership, addressing workforce dynamics and equity challenges.
- **Multi-Disciplinary Approach**: Merges design, sustainability, governance, and digitalization, catering to diverse students aiming for leadership roles.

OVERVIEW

This 1 year Master´s program Master’s in **Circular Textile Systems and Transitions** is designed to provide students with an accelerated, yet comprehensive, understanding of circularity, sustainability, and systemic transitions in textiles.

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1 Year Program overview

Semester 1: Foundational Concepts and Systemic Analysis (30 ECTS)

- **Circular Economy in Textiles (6 ECTS)**
- **Sustainable Materials & Lifecycle Thinking (6 ECTS)**
- **Policy and Governance for Textile Transitions (6 ECTS)**
- **Digitalization for Circular Systems (6 ECTS)**
- **Social and Ethical Dimensions of Circular Transitions (6 ECTS)**

Semester 2: Specialization and Applied Research (30 ECTS)

- **Circular Business Models and Innovation (6 ECTS)**
- **Infrastructure for Circular Transitions (6 ECTS)**
- **Stakeholder Collaboration and Engagement (6 ECTS)**
- **Capstone Project: Real-World Challenges in Circular Textiles (12 ECTS)**

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KEY FEATURES

- **Accelerated Learning:**

Combines foundational knowledge and practical application within a single year.

- **Multidisciplinary Approach:**

Integrates sustainability, policy, design, social dimensions, and digital innovation.

- **Practical Orientation:**

Heavy use of tools like the Loopholes Toolkit for scenario analysis and planning .
Case-based and project-based learning tied to real-world challenges.

- **Stakeholder Focus:**

Strong emphasis on collaboration with industry, government, and NGOs.

- **Outcome-Oriented:**

Prepares students for roles in sustainability management, policy advising, and innovation leadership within the textile sector.

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