



POLITECNICO
MILANO 1863

SCUOLA DEL DESIGN

AMBASSADOR PATH

Green Technologies
Smart Infrastructures
Inclusivity Design
Creative Thinking

Masters degree
A.A. 2024-2025

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The Path: WHAT & WHICH



THE PATH

WHAT is

High-level training courses aimed at creating new professional figures in

GREEN

TECHNOLOGIES, SMART

INFRASTRUCTURES,

INCLUSIVITY DESIGN and

CREATIVE THINKING

WHAT for

creating new professional figures that:

- have skills in specific areas of the training project (green/smart/inclusivity/creative)
- acquire enabling digital technologies in line with the profile
- master interdisciplinary tools, methods, and aptitude for a systemic vision
- develop talent to operate in interdisciplinary and multisectoral contexts acquired through exposure, even in teams, to case studies and challenges

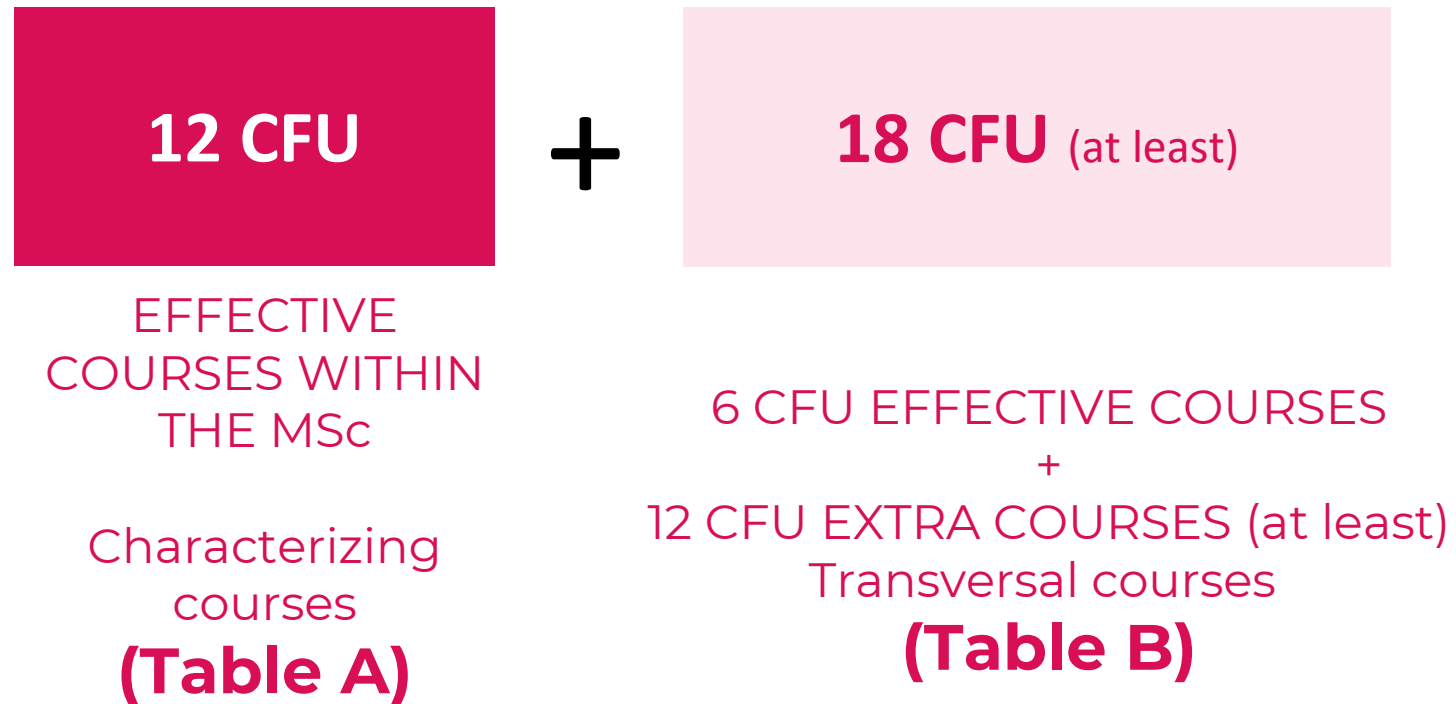
WHICH AMBASSADOR BY MSc PROGRAM

MSc PROGRAM	GREEN TECHNOLOGIES	SMART INFRASTRUCTURES	INCLUSIVITY DESIGN	CREATIVE THINKING
INTEGRATED PRODUCT DESIGN	X	X		X
INTERIOR AND SPATIAL DESIGN	X		X	
COMMUNICATION DESIGN		X	X	
DESIGN FOR THE FASHION SYSTEM	X	X		
DESIGN & ENGINEERING	X	X		X
PRODUCT SERVICE SYSTEM DESIGN		X	X	
DIGITAL AND INTERACTION DESIGN	X			

HOW

Study plan of at least **132 CFU** (120 + at least 12 CFU extra courses)

30 credits Green or **Smart** or **Inclusive** or **Creative**



The specific Ambassador certification will be reported in the Student's Diploma Supplement and a digital badge will be issued by Politecnico di Milano.



STUDY PLAN – Table A

The compulsory specialized course shown in **Table A** provides Green/Smart/Inclusivity/Creative skills.

Students must include it when submitting the Study Plan, within the deadline defined by the academic calendar.

If the course has a limited number of admissions, in the allocation process, priority will be given to students who have applied for the Ambassador path.

In case of a high number of applications, it will be necessary to balance the students among the different sections.



STUDY PLAN – Table B

At least 18 CFU must be selected from **Table B** transversal courses: of these, 6 CFU must be “Effective” (they will be counted to reach the 120 CFU required to earn the degree). The additional 12/14 CFUs must be included as “Extra”.

Students can include the “Effective” course when submitting the 2nd year Study Plan within the deadlines of the academic calendar and it will count as the 2nd year elective course; the other two Table B “Extra” courses can be included either in the 1st or in the 2nd year Study Plan, selecting them from the "Extra" section of the Study Plan Submission application.



STUDY PLAN – Table B

Table B courses run by the School of Design will also show in the elective list offered to all students, but if the course has a limited number of admissions, priority will be given to the Ambassador students. In case of a high number of applications, it will be necessary to balance the students among the different sections.

Table B electives run by other Schools will show only in the special 2nd year Table B.

This Table B is displayed only after enrollment in the Ambassador Path, therefore these courses will be offered only to students registered for the Ambassador path.

MSc PROGRAM



INTEGRATED PRODUCT DESIGN



INTEGRATED PRODUCT DESIGN

≥ 132 CFU **SMART**
132 CFU **GREEN**
132 CFU **CREATIVE**

1st YEAR

1st semester

6 cfu
Strategic Design (Ita or Eng) - **CREATIVE**
(Table A)

2nd semester

12cfu
Concept Design Studio - **SMART**
(Table A)

12cfu
Concept Design Studio - **GREEN**
(Table A)

6 cfu
Design Future (Ita or Eng) - **CREATIVE**
(Table A)

6cfu
1st Effective Elective Course (Table B)
It's recommended to insert it in the 1st year

2nd YEAR

1st semester

2nd semester

6cfu
2nd Effective Elective Course
This course doesn't need to be from Table B

12 cfu or more
Extra courses
(Table B)

INTEGRATED PRODUCT DESIGN

GREEN TECHNOLOGIES

TABLE B

- CIRCULAR ECONOMY BUSINESS MODELS
- COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT
- DE-MANUFACTURING
- DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT
- MANAGEMENT FOR SUSTAINABILITY AND IMPACT
- PRODUCT LIFE CYCLE MANAGEMENT
- SUSTAINABILITY STRATEGIES AND DESIGN
- SUSTAINABLE AND CIRCULAR MATERIALS FOR DESIGN

SMART INFRASTRUCTURES

TABLE B

- ADVANCED USER INTERFACES
- COMPUTATIONAL VISUAL DESIGN
- DATA MANAGEMENT FOR THE WEB
- DESIGN AND ROBOTICS
- DESIGN FOR DIGITAL TRANSFORMATION
- DIGITAL BUSINESS
- DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT
- DIGITAL TECHNOLOGY
- MULTIDISCIPLINARY PROJECT
- PROJECT MANAGEMENT: PRINCIPLES & TOOLS
- SMART CITIES AND URBAN INNOVATION

CREATIVE THINKING

TABLE B

- DESIGN FOR DIGITAL TRANSFORMATION
- DESIGNING AND TESTING FOR INCLUSIVITY
- DIGITAL DESIGN PLAYGROUND
- DIGITAL STRATEGY
- EVENT DESIGN
- EXTENDED REALITY FOR CREATIVITY IN DESIGN
- SUSTAINABILITY STRATEGIES AND DESIGN
- TREND FORECASTING AND STRATEGIC INNOVATION

INTERIOR AND SPATIAL DESIGN



INTERIOR AND SPATIAL DESIGN

132 CFU GREEN

132 CFU INCLUSIVITY

1st YEAR

1st semester

**12 cfu
GREEN**

**Atelier for
Technologies**

**12 cfu
GREEN**

Workshop

2nd semester

**12 cfu
INCLUSIVITY**

**Ephemeral/
Temporary
Spaces 2**

6 cfu

1st Effective Elective Course (Table B)

2nd YEAR

1st semester

2nd semester

6cfu

2nd Effective Elective Course
This course doesn't need to be from Table B

12 cfu

**Extra courses
(Table B)**

INTERIOR AND SPATIAL DESIGN

GREEN TECHNOLOGIES

TABLE B

- CREATIVITY FOR SUSTAINABLE DESIGN
- DESIGN OF ULTRA-LIGHTWEIGHT BUILDING SYSTEM
- DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT
- FESTINALENTE: PIANIFICAZIONE E PROGETTAZIONE DI LINEE LENTE CICLABILI E CAMMINABILI
- PRINCIPI DI ARCHITETTURA SOSTENIBILE
- SUSTAINABILITY STRATEGIES AND DESIGN
- SUSTAINABLE AND CIRCULAR MATERIALS FOR DESIGN

INCLUSIVITY DESIGN

TABLE B

- COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT
- DESIGN DELLA COMUNICAZIONE E CULTURE DI GENERE
- DESIGN FOR INCLUSION
- DESIGN FUTURES (ita-eng)
- DESIGNING AND TESTING FOR INCLUSIVITY
- IC URBAN ETHNOGRAPHY
- INNOVATION IN HEALTH AND SOCIAL CARE
- SOCIOLOGY OF THE CITY
- TEMPORARY AND INCLUSIVE URBAN SOLUTIONS

COMMUNICATION DESIGN



COMMUNICATION DESIGN

132 CFU SMART
≥ 132 CFU INCLUSIVITY

1st YEAR

1st semester

2nd semester

12 cfu
SMART

Lab. Sistemi per
l'Interazione C1
or C2
or
Interaction
Design Studio
C3

12 cfu
INCLUSIVITY

Lab.
Progettazione di
artefatti e
sistemi
comunicativi –B

6 cfu

1st Effective Elective Course (Table B)
It's recommended to insert it in the 1st year

2nd YEAR

1st semester

2nd semester

6cfu

2nd Effective Elective Course
This course doesn't need to be from Table B

12 cfu ore more
Extra courses
(Table B)

SMART INFRASTRUCTURES

TABLE B

- ADVANCED USER INTERFACES
- COMPUTATIONAL VISUAL DESIGN
- DATA MANAGEMENT FOR THE WEB
- DESIGN AND ROBOTICS
- DESIGN FOR DIGITAL TRANSFORMATION
- DIGITAL BUSINESS
- DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT
- MULTIDISCIPLINARY PROJECT
- PROJECT MANAGEMENT: PRINCIPLES & TOOLS

INCLUSIVITY DESIGN

TABLE B

- DESIGN DELLA COMUNICAZIONE E CULTURE DI GENERE
- DESIGN FOR INCLUSION
- DESIGNING AND TESTING FOR INCLUSIVITY
- IC URBAN ETHNOGRAPHY
- INCLUSIVE DIGITAL TECHNOLOGIES
- INNOVATION IN HEALTH AND SOCIAL CARE
- PENSIERO CREATIVO
- SOCIOLOGY OF THE CITY
- TEMPORARY AND INCLUSIVE URBAN SOLUTIONS

DESIGN FOR THE FASHION SYSTEM



DESIGN FOR THE FASHION SYSTEM

132 CFU SMART
≥ 132 CFU GREEN

1st YEAR

1st semester

2nd semester

12cfu
Fashion Retail
Experience
SMART and GREEN
(Table A)

6 cfu

1st Effective Elective Course (Table B)

2nd YEAR

1st semester

2nd semester

6cfu

2nd Effective Elective Course
This course doesn't need to be from Table B

12 cfu ore more
Extra courses
(Table B)

DESIGN FOR THE FASHION SYSTEM

GREEN TECHNOLOGIES

TABLE B

- CIRCULAR ECONOMY BUSINESS MODELS
- COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT
- DEVELOPMENT ECONOMICS
- DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT
- INTELLECTUAL PROPERTY AND PATENTS IN INNOVATION
- MANAGEMENT FOR SUSTAINABILITY AND IMPACT
- SUSTAINABILITY STRATEGIES AND DESIGN
- SUSTAINABLE AND CIRCULAR MATERIALS FOR DESIGN

SMART INFRASTRUCTURES

TABLE B

- ADDITIVE MANUFACTURING
- ADVANCED USER INTERFACES
- COMPUTATIONAL VISUAL DESIGN
- DATA MANAGEMENT FOR THE WEB
- DESIGN AND ROBOTICS
- DESIGN FOR DIGITAL TRANSFORMATION
- DIGITAL BUSINESS
- DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT
- DIGITAL TECHNOLOGY
- EXTENDED REALITY FOR CREATIVITY IN DESIGN
- FUNDAMENTALS OF ELECTRONICS FOR DESIGN
- INTERNET OF THINGS
- MULTIDISCIPLINARY PROJECT
- VIRTUAL AND PHYSICAL PROTOTYPING

DESIGN & ENGINEERING



DESIGN & ENGINEERING

132 CFU **SMART**

132 CFU **GREEN**

132 CFU **CREATIVE**

1st YEAR

1st semester

2nd semester

12 cfu
SMART

12 cfu
GREEN

12 cfu
CREATIVE

Product
Development
Design Studio
1

Materials
Selection
Criteria in
Design &
Engineering

Product
Development
Design Studio
2

6 cfu

1st Effective Elective Course (Table B)

2nd YEAR

1st semester

2nd semester

6cfu

Effective Elective Course

This course does not have to be Table B

12 cfu

Extra courses
(Table B)

DESIGN & ENGINEERING

GREEN TECHNOLOGIES

TABLE B

- DE-MANUFACTURING
- INTERNATIONAL WORKSHOP
- SUSTAINABILITY STRATEGIES AND DESIGN
- SUSTAINABLE AND CIRCULAR MATERIALS FOR DESIGN
- SUSTAINABLE MANUFACTURING

SMART INFRASTRUCTURES

TABLE B

- ADDITIVE MANUFACTURING
- ADVANCED USER INTERFACES
- DESIGN AND ROBOTICS
- DESIGN FOR DIGITAL TRANSFORMATION
- DIGITAL BUSINESS
- FUNDAMENTALS OF ELECTRONICS FOR DESIGN
- VIRTUAL AND PHYSICAL PROTOTYPING

CREATIVE THINKING

TABLE B

- ADDITIVE MANUFACTURING
- CREATIVITY FOR SUSTAINABLE DESIGN
- CRITICAL THINKING
- EXTENDED REALITY FOR CREATIVITY IN DESIGN
- STRATEGIC INNOVATION
- VISION AND CHANGE

PRODUCT SERVICE SYSTEM DESIGN



PRODUCT SERVICE SYSTEM DESIGN

≥ 132 CFU **SMART**
132 CFU **INCLUSIVITY**

1st YEAR

1st semester

12 cfu
INCLUSIVITY
Innovation
Design Studio
(Table A)

6 cfu
SMART
Digital
Innovation for
Customer
Experience
Design
elective
course to be
advanced to
1st year
(Table A)

2nd semester

6 cfu
SMART
Service
Design and
Innovation
Smart
Service
(Table A)

2nd YEAR

1st semester

6 cfu
Effective Elective Course
This course does not have to be Table B

6 cfu
Effective course
(Table B)

12 cfu or more
Extra course
(Table B)

2nd semester

PRODUCT SERVICE SYSTEM DESIGN

SMART INFRASTRUCTURES

TABLE B

- DESIGN FOR DIGITAL TRANSFORMATION
- DIGITAL BUSINESS
- DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT
- DIGITAL TECHNOLOGY
- ETHICS FOR TECHNOLOGY
- PROJECT MANAGEMENT: PRINCIPLES & TOOLS
- SMART CITIES AND URBAN INNOVATION

INCLUSIVITY DESIGN

TABLE B

- ARTIFICIAL INTELLIGENCE AND SOCIO-ECONOMIC TRANSFORMATIONS
- ASSISTIVE AND WEARABLE DEVICES FOR INCLUSIVITY
- COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT
- COLLABORATIVE ROBOTICS
- CRITICAL THINKING
- DESIGN DELLA COMUNICAZIONE E CULTURE DI GENERE
- DESIGN FOR INCLUSION
- DESIGN FUTURES (ita or eng)
- DESIGNING AND TESTING FOR INCLUSIVITY
- DIGITAL DESIGN PLAYGROUND
- DIVERSITY AWARE DESIGN OF TECHNOLOGY SOLUTIONS
- ETHICS FOR TRANSPORTATIONS
- INCLUSIVE DIGITAL TECHNOLOGIES
- INNOVATION IN HEALTH AND SOCIAL CARE
- NEW FORMS OF ORGANIZATION
- POLICY DESIGN AND EVALUATION
- SEMIOTICS
- SOCIAL ENTREPRENEURSHIP
- TEMPORARY AND INCLUSIVE URBAN SOLUTIONS

DIGITAL AND INTERACTION DESIGN



DIGITAL AND INTERACTION DESIGN

≥ 132 CFU GREEN



1st semester

2nd semester



1st semester

2nd semester

12cfu
GREEN
Final Design Studio
(Table A)

6cfu
Effective Elective Course SSD ICAR/13
Not part of the Ambassador path

6 cfu
1st Effective Elective Course (Table B)
It's recommended to insert it in the 1st year

12 cfu or more
Extra courses
(Table B)

GREEN TECHNOLOGIES PATH

TABLE B GREEN

- CIRCULAR ECONOMY BUSINESS MODELS
- COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT
- DEVELOPMENT ECONOMICS
- DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT
- INTELLECTUAL PROPERTY AND PATENTS IN INNOVATION
- MANAGEMENT FOR SUSTAINABILITY AND IMPACT
- METHODS AND TOOLS FOR SYSTEMATIC INNOVATION C - INNOVATION AND INTELLECTUAL PROPERTY MANAGEMENT (I.C. MODULE)
- PRODUCT LIFE CYCLE MANAGEMENT

APPLICATION





HOW

**Students may show their interest in the Ambassador path
for the academic year 2024/'25**

July 22, 2024 to May 30, 2025

Applying through the online services

**The study plan already submitted must be consistent with the
chosen Ambassador Path.**

*The Design School does NOT allow changes in the study plan
in the 2nd semester*

**The registration to the Ambassador Path is not compatible with any Double
Degree Program (being at Polimi or abroad)**

FOR MORE INFORMATION

[School: Ambassador Courses \(polimi.it\)](#)

[Programmi PoliMI Ambassador: polimi](#)

School: [Send an email](#) *select* **AMBASSADOR COURSES**



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