



**POLITECNICO**  
MILANO 1863

## **Ambassador programs**

**Scuola del Design**  
**Academic Year 2024/2025**

## BV (1091) DESIGN & ENGINEERING - PROGETTO E INGEGNERIZZAZIONE DEL PRODOTTO INDUSTRIALE

### CREATIVE THINKING - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Creative skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
052868	PRODUCT DEVELOPMENT DESIGN STUDIO 2	12,0	EN	Des (Mag.)(ord. 270) - BV (1091) DESIGN & ENGINEERING - PROGETTO E INGEGNERIZZAZIONE DEL PRODOTTO INDUSTRIALE	DE1	2	BV
052868	PRODUCT DEVELOPMENT DESIGN STUDIO 2	12,0	EN	Des (Mag.)(ord. 270) - BV (1091) DESIGN & ENGINEERING - PROGETTO E INGEGNERIZZAZIONE DEL PRODOTTO INDUSTRIALE	DE2	2	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree. An additional 12 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 1st or 2nd year Study Plan on the dates set by the academic calendar (this course replaces the 2nd year elective course); a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Creative Thinking.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
099929	ADDITIVE MANUFACTURING	6,0	EN	Any programme	Any trak	1	BV
059585	CREATIVITY FOR SUSTAINABLE DESIGN	6,0	EN	Any programme	Any trak	2	BV
058422	CRITICAL THINKING	6,0	EN	Any programme	Any trak	2	MI
059572	EXTENDED REALITY FOR CREATIVITY IN DESIGN	6,0	EN	Any programme	Any trak	2	BV
059619	STRATEGIC INNOVATION	6,0	EN	Any programme	Any trak	1	BV
059368	VISION AND CHANGE	6,0	EN	Any programme	Any trak	1	BV

## BV (1261) INTEGRATED PRODUCT DESIGN

### CREATIVE THINKING - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Creative skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058073	DESIGN FUTURES	6,0	IT	Any programme	Any trak	2	BV
058074	DESIGN FUTURES	6,0	EN	Any programme	Any trak	2	BV
058243	STRATEGIC AND SERVICE DESIGN	6,0	IT	Any programme	Any trak	1	BV
051345	STRATEGIC AND SERVICE DESIGN	6,0	EN	Any programme	Any trak	1	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree.

An additional 12 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 1st or 2nd year Study Plan on the dates set by the academic calendar; a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Creative Thinking.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058191	DESIGN FOR DIGITAL TRANSFORMATION	6,0	EN	Any programme	Any trak	2	BV
058467	DESIGNING AND TESTING FOR INCLUSIVITY	6,0	EN	Any programme	Any trak	2	BV
059603	DIGITAL DESIGN PLAYGROUND	6,0	IT	Any programme	Any trak	1	BV
053434	DIGITAL STRATEGY	6,0	IT	Any programme	Any trak	2	BV
059737	EVENT DESIGN	6,0	IT	Any programme	Any trak	2	BV
059572	EXTENDED REALITY FOR CREATIVITY IN DESIGN	6,0	EN	Any programme	Any trak	2	BV
058399	SUSTAINABILITY STRATEGIES AND DESIGN	6,0	EN	Any programme	Any trak	2	BV
055141	TREND FORECASTING AND STRATEGIC INNOVATION	6,0	EN	Any programme	Any trak	1	BV

## BV (1091) DESIGN & ENGINEERING - PROGETTO E INGEGNERIZZAZIONE DEL PRODOTTO INDUSTRIALE

### GREEN TECHNOLOGIES - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Green skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
093436	MATERIALS SELECTION CRITERIA IN DESIGN & ENGINEERING	12,0	EN	Des (Mag.)(ord. 270) - BV (1091) DESIGN & ENGINEERING - PROGETTO E INGEGNERIZZAZIONE DEL PRODOTTO INDUSTRIALE	DE1	1	BV
093436	MATERIALS SELECTION CRITERIA IN DESIGN & ENGINEERING	12,0	EN	Des (Mag.)(ord. 270) - BV (1091) DESIGN & ENGINEERING - PROGETTO E INGEGNERIZZAZIONE DEL PRODOTTO INDUSTRIALE	DE2	1	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree. An additional 12 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 1st or 2nd year Study Plan on the dates set by the academic calendar (this course replaces the 2nd year elective course); a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Green Technologies.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058235	DE-MANUFACTURING	6,0	EN	Any programme	Any trak	1	BV
056016	INTERNATIONAL WORKSHOP	6,0	EN	Any programme	Any trak	2	BV
058399	SUSTAINABILITY STRATEGIES AND DESIGN	6,0	EN	Any programme	Any trak	2	BV
058236	SUSTAINABLE AND CIRCULAR MATERIALS FOR DESIGN	6,0	EN	Any programme	Any trak	1	BV
058445	SUSTAINABLE MANUFACTURING	6,0	EN	Any programme	Any trak	1	BV

## BV (1097) DESIGN FOR THE FASHION SYSTEM - DESIGN PER IL SISTEMA MODA

### GREEN TECHNOLOGIES - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Green skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
056128	FASHION RETAIL EXPERIENCE	15,0	EN	Any programme	Any trak	2	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree.

An additional 12/14 ECTs must be included in Soprannumero (Extra). Students can include the Active course when submitting the 1st or 2nd year Study Plan on the dates set by the academic calendar (this course replaces the 1st or 2nd year elective course); a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Green Technologies.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058226	CIRCULAR ECONOMY BUSINESS MODELS	6,0	EN	Any programme	Any trak	1	BV
058227	COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT	6,0	EN	Any programme	Any trak	1	BV
058229	DEVELOPMENT ECONOMICS	8,0	EN	Any programme	Any trak	2	BV
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6,0	EN	Any programme	Any trak	1	BV
062692	INTELLECTUAL PROPERTY AND PATENTS IN INNOVATION	6,0	EN	Any programme	Any trak	1	BV
058230	MANAGEMENT FOR SUSTAINABILITY AND IMPACT	6,0	EN	Any programme	Any trak	1	BV
058399	SUSTAINABILITY STRATEGIES AND DESIGN	6,0	EN	Any programme	Any trak	2	BV
058236	SUSTAINABLE AND CIRCULAR MATERIALS FOR DESIGN	6,0	EN	Any programme	Any trak	1	BV

## BV (1260) INTERIOR AND SPATIAL DESIGN

### GREEN TECHNOLOGIES - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Green skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Since the Workshop is a new course, the first Ambassador Call in Green Technologies for the Laurea Magistrale course in Interior and Spatial Design is open only to students newly enrolled in the academic year 2023/24.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
051381	ATELIER FOR TECHNOLOGIES	6,0	EN	Any programme	Any trak	1	BV
059329	WORKSHOP	6,0	EN	Any programme	Any trak	1	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree.

An additional 12 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 2nd year Study Plan on the dates set by the academic calendar; a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application. We recommend including one Extra course in the 1st year Study Plan and one in the 2nd year Study Plan.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Green Technologies.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
059585	CREATIVITY FOR SUSTAINABLE DESIGN	6,0	EN	Any programme	Any trak	2	BV
059529	DESIGN OF ULTRA-LIGHTWEIGHT BUILDING SYSTEM	6,0	EN	Any programme	Any trak	2	MI
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6,0	EN	Any programme	Any trak	1	BV
059530	FESTINALENTE: PIANIFICAZIONE E PROGETTAZIONE DI LINEE LENTE CICLABILI E CAMMINABILI	6,0	IT	Any programme	Any trak	2	MI
059528	SUSTAINABLE ARCHITECTURE PRINCIPLES	6,0	IT	Any programme	Any trak	2	MI
058399	SUSTAINABILITY STRATEGIES AND DESIGN	6,0	EN	Any programme	Any trak	2	BV
058236	SUSTAINABLE AND CIRCULAR MATERIALS FOR DESIGN	6,0	EN	Any programme	Any trak	1	BV

## BV (1261) INTEGRATED PRODUCT DESIGN

### GREEN TECHNOLOGIES - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Green skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Being a new course, the first Ambassador Call in Green Technologies for the Laurea Magistrale course in Integrated Product Design is open only to students newly enrolled in the academic year 2022/23.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058071	CONCEPT DESIGN STUDIO - GREEN	12,0	EN	Any programme	Any trak	2	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree. An additional 12 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 1st or 2nd year Study Plan on the dates set by the academic calendar; a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application. We recommend including one Extra course in the 1st year Study Plan and one in the 2nd year Study Plan.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Green Technologies.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058226	CIRCULAR ECONOMY BUSINESS MODELS	6,0	EN	Any programme	Any trak	1	BV
058227	COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT	6,0	EN	Any programme	Any trak	1	BV
058235	DE-MANUFACTURING	6,0	EN	Any programme	Any trak	1	BV
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6,0	EN	Any programme	Any trak	1	BV
058230	MANAGEMENT FOR SUSTAINABILITY AND IMPACT	6,0	EN	Any programme	Any trak	1	BV
058228	PRODUCT LIFE CYCLE MANAGEMENT	6,0	EN	Any programme	Any trak	2	BV
058399	SUSTAINABILITY STRATEGIES AND DESIGN	6,0	EN	Any programme	Any trak	2	BV
058236	SUSTAINABLE AND CIRCULAR MATERIALS FOR DESIGN	6,0	EN	Any programme	Any trak	1	BV

## BV (1262) DIGITAL AND INTERACTION DESIGN

### GREEN TECHNOLOGIES - 2024/2025

Track: All traks - Table A

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
062157	FINAL DESIGN STUDIO SEZ.1	12,0	EN	Any programme	Any trak	1	BV
062158	FINAL DESIGN STUDIO SEZ.2	12,0	EN	Any programme	Any trak	1	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree. An additional 12/14 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 2nd year Study Plan on the dates set by the academic calendar; a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Green Technologies.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058226	CIRCULAR ECONOMY BUSINESS MODELS	6,0	EN	Any programme	Any trak	1	BV
058227	COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT	6,0	EN	Any programme	Any trak	1	BV
058229	DEVELOPMENT ECONOMICS	8,0	EN	Any programme	Any trak	2	BV
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6,0	EN	Any programme	Any trak	1	BV
062692	INTELLECTUAL PROPERTY AND PATENTS IN INNOVATION	6,0	EN	Any programme	Any trak	1	BV
058230	MANAGEMENT FOR SUSTAINABILITY AND IMPACT	6,0	EN	Any programme	Any trak	1	BV
058228	PRODUCT LIFE CYCLE MANAGEMENT	6,0	EN	Any programme	Any trak	2	BV



# BV (1159) PRODUCT SERVICE SYSTEM DESIGN - DESIGN PER IL SISTEMA PRODOTTO SERVIZIO

## INCLUSIVITY DESIGN - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Inclusivity skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Being a new course, the first Ambassador Call in Inclusivity Design for the Laurea Magistrale course in Product Service System Design is open only to students newly enrolled in the academic year 2022/23.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058386	INNOVATION STUDIO	12,0	EN	Any programme	Any trak	1	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree. An additional 12 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 2nd year Study Plan on the dates set by the academic calendar; a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Inclusivity Design.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
059709	ARTIFICIAL INTELLIGENCE AND SOCIO-ECONOMIC TRANSFORMATIONS	6,0	EN	Any programme	Any trak	2	BV
058541	ASSISTIVE AND WEARABLE DEVICES FOR INCLUSIVITY	6,0	EN	Any programme	Any trak	2	BV
058227	COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT	6,0	EN	Any programme	Any trak	1	BV
059719	COLLABORATIVE ROBOTICS	6,0	EN	Any programme	Any trak	1	BV
058422	CRITICAL THINKING	6,0	EN	Any programme	Any trak	2	MI
053431	COMMUNICATION DESIGN AND GENDER CULTURE	6,0	IT	Any programme	Any trak	2	BV
062706	DESIGN FOR INCLUSION	6,0	EN	Any programme	Any trak	2	BV
058591	DESIGN FUTURES	6,0	EN	Any programme	Any trak	2	BV
058592	DESIGN FUTURES	6,0	IT	Any programme	Any trak	2	BV
058467	DESIGNING AND TESTING FOR INCLUSIVITY	6,0	EN	Any programme	Any trak	2	BV
059603	DIGITAL DESIGN PLAYGROUND	6,0	IT	Any programme	Any trak	1	BV
058421	DIVERSITY AWARE DESIGN OF TECHNOLOGY SOLUTIONS	6,0	EN	Any programme	Any trak	2	MI
058426	ETHICS FOR TRANSPORTATIONS	6,0	EN	Any programme	Any trak	1	BV
058535	INCLUSIVE DIGITAL TECHNOLOGIES	6,0	EN	Any programme	Any trak	2	MI
057152	INNOVATION IN HEALTH AND SOCIAL CARE	6,0	EN	Any programme	Any trak	1	BV
058427	NEW FORMS OF ORGANIZATION	6,0	EN	Any programme	Any trak	2	BV

058425	POLICY DESIGN AND EVALUATION	6,0	EN	Any programme	Any trak	2	BV
058590	SEMIOTICS	6,0	EN	Any programme	Any trak	1	BV
058423	SOCIAL ENTREPRENEURSHIP	6,0	EN	Any programme	Any trak	2	BV
058404	TEMPORARY AND INCLUSIVE URBAN SOLUTIONS	6,0	EN	Any programme	Any trak	2	BV

## BV (1162) DESIGN DELLA COMUNICAZIONE

### INCLUSIVITY DESIGN - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Inclusivity skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058389	APPLIANCES AND COMPLEX SYSTEMS DESIGN STUDIO -B	12,0	IT	Any programme	Any trak	2	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree. An additional 12/14 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 1st or 2nd year Study Plan on the dates set by the academic calendar (this course replaces the 2nd year elective course); a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Inclusivity Design.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
053431	COMMUNICATION DESIGN AND GENDER CULTURE	6,0	IT	Any programme	Any trak	2	BV
062706	DESIGN FOR INCLUSION	6,0	EN	Any programme	Any trak	2	BV
058467	DESIGNING AND TESTING FOR INCLUSIVITY	6,0	EN	Any programme	Any trak	2	BV
056928	IC URBAN ETHNOGRAPHY	8,0	EN	Any programme	Any trak	1	MI
058535	INCLUSIVE DIGITAL TECHNOLOGIES	6,0	EN	Any programme	Any trak	2	MI
057152	INNOVATION IN HEALTH AND SOCIAL CARE	6,0	EN	Any programme	Any trak	1	BV
059710	CREATIVE THINKING	6,0	IT	Any programme	Any trak	2	MI
056844	SOCIOLOGY OF THE CITY	8,0	EN	Any programme	Any trak	1	MI
058404	TEMPORARY AND INCLUSIVE URBAN SOLUTIONS	6,0	EN	Any programme	Any trak	2	BV

## BV (1260) INTERIOR AND SPATIAL DESIGN

### INCLUSIVITY DESIGN - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Smart skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Being il workshop a new course, the first Ambassador Call in Green for the Laurea Magistrale course in Interior and Spatial Design is open only to students newly enrolled in the academic year 2023/24.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
051402	EPHEMERAL/TEMPORARY SPACES 2	15,0	EN	Any programme	Any trak	2	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree.

An additional 12/14 ECTs must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 2nd year Study Plan on the dates set by the academic calendar (this course replaces the 2nd year elective course); a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Inclusivity Design.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058227	COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT	6,0	EN	Any programme	Any trak	1	BV
053431	COMMUNICATION DESIGN AND GENDER CULTURE	6,0	IT	Any programme	Any trak	2	BV
062706	DESIGN FOR INCLUSION	6,0	EN	Any programme	Any trak	2	BV
058591	DESIGN FUTURES	6,0	EN	Any programme	Any trak	2	BV
058592	DESIGN FUTURES	6,0	IT	Any programme	Any trak	2	BV
058467	DESIGNING AND TESTING FOR INCLUSIVITY	6,0	EN	Any programme	Any trak	2	BV
056928	IC URBAN ETHNOGRAPHY	8,0	EN	Any programme	Any trak	1	MI
057152	INNOVATION IN HEALTH AND SOCIAL CARE	6,0	EN	Any programme	Any trak	1	BV
056844	SOCIOLOGY OF THE CITY	8,0	EN	Any programme	Any trak	1	MI
058404	TEMPORARY AND INCLUSIVE URBAN SOLUTIONS	6,0	EN	Any programme	Any trak	2	BV

# BV (1091) DESIGN & ENGINEERING - PROGETTO E INGEGNERIZZAZIONE DEL PRODOTTO INDUSTRIALE

## SMART INFRASTRUCTURES - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Smart skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
052867	PRODUCT DEVELOPMENT DESIGN STUDIO 1	12,0	EN	Des (Mag.)(ord. 270) - BV (1091) DESIGN & ENGINEERING - PROGETTO E INGEGNERIZZAZIONE DEL PRODOTTO INDUSTRIALE	DE1	1	BV
052867	PRODUCT DEVELOPMENT DESIGN STUDIO 1	12,0	EN	Des (Mag.)(ord. 270) - BV (1091) DESIGN & ENGINEERING - PROGETTO E INGEGNERIZZAZIONE DEL PRODOTTO INDUSTRIALE	DE2	1	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree. An additional 12 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 1st or 2nd year Study Plan on the dates set by the academic calendar (this course replaces the 2nd year elective course); a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Smart Infrastructures.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
099929	ADDITIVE MANUFACTURING	6,0	EN	Any programme	Any trak	1	BV
052216	ADVANCED USER INTERFACES	6,0	EN	Any programme	Any trak	1	MI
054898	ADVANCED USER INTERFACES	6,0	EN	Any programme	Any trak	1	MI
058189	DESIGN AND ROBOTICS	6,0	EN	Any programme	Any trak	2	BV
058191	DESIGN FOR DIGITAL TRANSFORMATION	6,0	EN	Any programme	Any trak	2	BV
058198	DIGITAL BUSINESS	6,0	EN	Any programme	Any trak	2	BV
056874	FUNDAMENTALS OF ELECTRONICS FOR DESIGN	6,0	EN	Any programme	Any trak	2	BV
054708	VIRTUAL AND PHYSICAL PROTOTYPING	6,0	EN	Any programme	Any trak	2	BV

## BV (1097) DESIGN FOR THE FASHION SYSTEM - DESIGN PER IL SISTEMA MODA

### SMART INFRASTRUCTURES - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Smart skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
056128	FASHION RETAIL EXPERIENCE	15,0	EN	Any programme	Any trak	2	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree.

An additional 12 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 1st or 2nd year Study Plan on the dates set by the academic calendar; a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Smart Infrastructures.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
099929	ADDITIVE MANUFACTURING	6,0	EN	Any programme	Any trak	1	BV
054898	ADVANCED USER INTERFACES	6,0	EN	Any programme	Any trak	1	MI
058190	COMPUTATIONAL VISUAL DESIGN	6,0	EN	Any programme	Any trak	2	BV
054899	DATA MANAGEMENT FOR THE WEB	6,0	EN	Any programme	Any trak	1	MI
058189	DESIGN AND ROBOTICS	6,0	EN	Any programme	Any trak	2	BV
058191	DESIGN FOR DIGITAL TRANSFORMATION	6,0	EN	Any programme	Any trak	2	BV
058198	DIGITAL BUSINESS	6,0	EN	Any programme	Any trak	2	BV
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6,0	EN	Any programme	Any trak	1	BV
058197	DIGITAL TECHNOLOGY	6,0	EN	Any programme	Any trak	2	BV
059572	EXTENDED REALITY FOR CREATIVITY IN DESIGN	6,0	EN	Any programme	Any trak	2	BV
056874	FUNDAMENTALS OF ELECTRONICS FOR DESIGN	6,0	EN	Any programme	Any trak	2	BV
059535	INTERNET OF THINGS	6,0	EN	Any programme	Any trak	2	MI
058195	MULTIDISCIPLINARY PROJECT	6,0	EN	Any programme	Any trak	2	MI
054708	VIRTUAL AND PHYSICAL PROTOTYPING	6,0	EN	Any programme	Any trak	2	BV

## BV (1159) PRODUCT SERVICE SYSTEM DESIGN - DESIGN PER IL SISTEMA PRODOTTO SERVIZIO

### SMART INFRASTRUCTURES - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Smart skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Being a new course, the first Ambassador Call in Smart Infrastructures for the Laurea Magistrale course in Product Service System Design is open only to students newly enrolled in the academic year 2022/23.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058161	DIGITAL INNOVATION FOR CUSTOMER EXPERIENCE DESIGN	6,0	EN	Des (Mag.)(ord. 270) - BV (1159) PRODUCT SERVICE SYSTEM DESIGN - DESIGN PER IL SISTEMA PRODOTTO SERVIZIO	***	1	BV
058125	SERVICE DESIGN AND INNOVATION - SMART SERVICE	6,0	EN	Des (Mag.)(ord. 270) - BV (1159) PRODUCT SERVICE SYSTEM DESIGN - DESIGN PER IL SISTEMA PRODOTTO SERVIZIO	***	2	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree. An additional 12/14 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 2nd year Study Plan on the dates set by the academic calendar; a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Smart Infrastructures.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058189	DESIGN AND ROBOTICS	6,0	EN	Any programme	Any trak	2	BV
058191	DESIGN FOR DIGITAL TRANSFORMATION	6,0	EN	Any programme	Any trak	2	BV
058198	DIGITAL BUSINESS	6,0	EN	Any programme	Any trak	2	BV
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6,0	EN	Any programme	Any trak	1	BV
058197	DIGITAL TECHNOLOGY	6,0	EN	Any programme	Any trak	2	BV
058225	ETHICS FOR TECHNOLOGY	6,0	EN	Any programme	Any trak	2	MI
058200	PROJECT MANAGEMENT: PRINCIPLES & TOOLS	6,0	EN	Any programme	Any trak	1	MI
058224	SMART CITIES AND URBAN INNOVATION	8,0	EN	Any programme	Any trak	2	MI

## BV (1162) DESIGN DELLA COMUNICAZIONE

### SMART INFRASTRUCTURES - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Smart skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
050566	INTERACTION DESIGN STUDIO	12,0	EN	Des (Mag.)(ord. 270) - BV (1162) DESIGN DELLA COMUNICAZIONE	C_3	2	BV
089573	INTERACTION SYSTEM DESIGN STUDIO	12,0	IT	Des (Mag.)(ord. 270) - BV (1162) DESIGN DELLA COMUNICAZIONE	C_1	2	BV
089573	INTERACTION SYSTEM DESIGN STUDIO	12,0	IT	Des (Mag.)(ord. 270) - BV (1162) DESIGN DELLA COMUNICAZIONE	C_2	2	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree. An additional 12 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 1st or 2nd year Study Plan on the dates set by the academic calendar; a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Smart Infrastructures.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
054898	ADVANCED USER INTERFACES	6,0	EN	Any programme	Any trak	1	MI
058190	COMPUTATIONAL VISUAL DESIGN	6,0	EN	Any programme	Any trak	2	BV
054899	DATA MANAGEMENT FOR THE WEB	6,0	EN	Any programme	Any trak	1	MI
058189	DESIGN AND ROBOTICS	6,0	EN	Any programme	Any trak	2	BV
058191	DESIGN FOR DIGITAL TRANSFORMATION	6,0	EN	Any programme	Any trak	2	BV
058198	DIGITAL BUSINESS	6,0	EN	Any programme	Any trak	2	BV
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6,0	EN	Any programme	Any trak	1	BV
058195	MULTIDISCIPLINARY PROJECT	6,0	EN	Any programme	Any trak	2	MI
058200	PROJECT MANAGEMENT: PRINCIPLES & TOOLS	6,0	EN	Any programme	Any trak	1	MI



## BV (1261) INTEGRATED PRODUCT DESIGN

### SMART INFRASTRUCTURES - 2024/2025

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Smart skills. Students must include it when submitting the 1st year Study Plan in the period defined by the academic calendar.

Being a new course, the first Ambassador Call in Smart Infrastructures for the Laurea Magistrale course in Integrated Product Design is open only to students newly enrolled in the academic year 2022/23.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058072	CONCEPT DESIGN STUDIO - SMART	12,0	EN	Des (Mag.)(ord. 270) - BV (1261) INTEGRATED PRODUCT DESIGN	***	2	BV

Track: All traks - Table B

At least 18 ECTS must be selected from Table B of transversal courses: of these, at least 6 ECTS must be in Effettivo (Core), contributing to the achievement of the 120 ECTS required for the degree. An additional 12/14 ECTS must be included in Soprannumero (Extra).

Students can include the Active course when submitting the 2nd year Study Plan on the dates set by the academic calendar; a further two Extra courses can be included when submitting the 1st or 2nd year Study Plan by going to the "Extra" section in the Study Plan Submission application. We recommend including one Extra course in the 1st year Study Plan and one in the 2nd year Study Plan.

Students who pass the courses in Tables A and B will earn the certificate of PoliMI Ambassador in Smart Infrastructures.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
054898	ADVANCED USER INTERFACES	6,0	EN	Any programme	Any trak	1	MI
058190	COMPUTATIONAL VISUAL DESIGN	6,0	EN	Any programme	Any trak	2	BV
054899	DATA MANAGEMENT FOR THE WEB	6,0	EN	Any programme	Any trak	1	MI
058189	DESIGN AND ROBOTICS	6,0	EN	Any programme	Any trak	2	BV
058191	DESIGN FOR DIGITAL TRANSFORMATION	6,0	EN	Any programme	Any trak	2	BV
058198	DIGITAL BUSINESS	6,0	EN	Any programme	Any trak	2	BV
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6,0	EN	Any programme	Any trak	1	BV
058197	DIGITAL TECHNOLOGY	6,0	EN	Any programme	Any trak	2	BV
055009	MULTIDISCIPLINARY PROJECT	6,0	EN	Any programme	Any trak	2	MI
058195	MULTIDISCIPLINARY PROJECT	6,0	EN	Any programme	Any trak	2	MI
058200	PROJECT MANAGEMENT: PRINCIPLES & TOOLS	6,0	EN	Any programme	Any trak	1	MI
058224	SMART CITIES AND URBAN INNOVATION	8,0	EN	Any programme	Any trak	2	MI