



POLITECNICO
MILANO 1863

Green, Smart & Inclusivity Ambassadors

Scuola del Design
Academic Year 2022/2023

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

GREEN TECHNOLOGIES - 2022/2023

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	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, 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 (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	Check timetable before choice
056016	INTERNATIONAL WORKSHOP	6.0	EN	Any programme	Any trak	2	
058399	SUSTAINABILITY STRATEGIES AND DESIGN	6.0	EN	Any programme	Any trak	2	
058236	SUSTAINABLE AND CIRCULAR MATERIALS FOR DESIGN	6.0	EN	Any programme	Any trak	1	
058445	SUSTAINABLE MANUFACTURING	6.0	EN	Any programme	Any trak	1	

BV (1261) INTEGRATED PRODUCT DESIGN

GREEN TECHNOLOGIES - 2022/2023

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, 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 (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. 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	Check timetable before choice
058227	COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT	6.0	EN	Any programme	Any trak	1	
058235	DE-MANUFACTURING	6.0	EN	Any programme	Any trak	1	
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6.0	EN	Any programme	Any trak	1	
058230	MANAGEMENT FOR SUSTAINABILITY AND IMPACT	6.0	EN	Any programme	Any trak	1	
058228	PRODUCT LIFE CYCLE MANAGEMENT	6.0	EN	Any programme	Any trak	2	
058399	SUSTAINABILITY STRATEGIES AND DESIGN	6.0	EN	Any programme	Any trak	2	
058236	SUSTAINABLE AND CIRCULAR MATERIALS FOR DESIGN	6.0	EN	Any programme	Any trak	1	

BV (1262) DIGITAL AND INTERACTION DESIGN

GREEN TECHNOLOGIES - 2022/2023

Track: All traks - Table A

The compulsory specialized course shown in Table A provides Green skills. Students must include it when submitting the 2nd year Study Plan in the period defined by the academic calendar.

Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
054655	FINAL DESIGN 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, 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 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	Check timetable before choice
058227	COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT	6.0	EN	Any programme	Any trak	1	
058229	DEVELOPMENT ECONOMICS	8.0	EN	Any programme	Any trak	2	
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6.0	EN	Any programme	Any trak	1	
058230	MANAGEMENT FOR SUSTAINABILITY AND IMPACT	6.0	EN	Any programme	Any trak	1	
058231	METHODS AND TOOLS FOR SYSTEMATIC INNOVATION C - INNOVATION AND INTELLECTUAL PROPERTY MANAGEMENT (I.C. MODULE)	6.0	EN	Any programme	Any trak	1	
058228	PRODUCT LIFE CYCLE MANAGEMENT	6.0	EN	Any programme	Any trak	2	

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

INCLUSIVITY DESIGN - 2022/2023

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, 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 (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
058407	A SOCIETY FOR ALL AGES. LONGEVITY-DRIVEN DESIGN	6.0	EN	Any programme	Any trak	1	Check timetable before choice
058541	ASSISTIVE AND WEARABLE DEVICES FOR INCLUSIVITY	6.0	EN	Any programme	Any trak	2	
058489	CARESPACES	6.0	IE	Any programme	Any trak	1	
058424	COLLABORATIVE INNOVATION FOR SUSTAINABILITY AND IMPACT	6.0	EN	Any programme	Any trak	1	
058491	COLLABORATIVE WORKSPACES FOR INCLUSION	6.0	EN	Any programme	Any trak	2	
058422	CRITICAL THINKING	6.0	EN	Any programme	Any trak	2	
053431	COMMUNICATION DESIGN AND GENDER CULTURE	6.0	IT	Any programme	Any trak	2	
058490.	DESIGN FOR ALL IN THE BUILT ENVIRONMENT. EVALUATION TOOLS FOR INCLUSIVE STRATEGIC DESIGN	6.0	EN	Any programme	Any trak	2	
058591	DESIGN FUTURES	6.0	EN	Any programme	Any trak	2	
058592	DESIGN FUTURES	6.0	IT	Any programme	Any trak	2	
056434	DESIGN FOR ADVANCED SYSTEMS	6.0	IT	Any programme	Any trak	1	
058421	DIVERSITY AWARE DESIGN OF TECHNOLOGY SOLUTIONS	6.0	EN	Any programme	Any trak	2	
058426	ETHICS FOR TRANSPORTATIONS	6.0	EN	Any programme	Any trak	1	
058538	HUMAN ROBOTICS	6.0	EN	Any programme	Any trak	2	
053519	INCLUSIVE DESIGN	6.0	EN	Any programme	Any trak	1	
058535	INCLUSIVE DIGITAL TECHNOLOGIES	6.0	EN	Any programme	Any trak	2	

							Check timetable before choice
57152	INNOVATION IN HEALTH AND SOCIAL CARE	6.0	EN	Any programme	Any trak	1	
058427	NEW FORMS OF ORGANIZATION	6.0	EN	Any programme	Any trak	2	
058425	POLICY DESIGN AND EVALUATION	6.0	EN	Any programme	Any trak	2	
058590	SEMIOTICS	6.0	EN	Any programme	Any trak	1	
058423	SOCIAL ENTREPRENEURSHIP	6.0	EN	Any programme	Any trak	2	
058428	SOCIO-ECONOMIC TRANSFORMATIONS OF 4.0 TECHNOLOGIES	6.0	EN	Any programme	Any trak	2	
058404	TEMPORARY AND INCLUSIVE URBAN SOLUTIONS	6.0	EN	Any programme	Any trak	2	

BV (1162) DESIGN DELLA COMUNICAZIONE

INCLUSIVITY DESIGN - 2022/2023

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
052944 Code 2021	APPLIANCES AND COMPLEX SYSTEMS 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 12/14 ECTS must be included in Soprannumero (Extra).

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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
058407	A SOCIETY FOR ALL AGES. LONGEVITY-DRIVEN DESIGN	6.0	EN	Any programme	Any trak	1	Check timetable before choice
058489	CARESPACES	6.0	IE	Any programme	Any trak	1	
058491	COLLABORATIVE WORKSPACES FOR INCLUSION	6.0	EN	Any programme	Any trak	2	
053431	COMMUNICATION DESIGN AND GENDER CULTURE	6.0	IT	Any programme	Any trak	2	
058467	DESIGNING AND TESTING FOR INCLUSIVITY	6.0	EN	Any programme	Any trak	2	
055176	KNOWLEDGE PHILOSOPHY	6.0	IT	Any programme	Any trak	2	
056380 Codice 2021	KNOWLEDGE PHILOSOPHY	6.0	IT	Any programme	Any trak	2	
058489	CARESPACES	6.0	IE	Any programme	Any trak	1	
058490.	DESIGN FOR ALL IN THE BUILT ENVIRONMENT. EVALUATION TOOLS FOR INCLUSIVE STRATEGIC DESIGN	6.0	EN	Any programme	Any trak	2	
056928	IC URBAN ETHNOGRAPHY	8.0	EN	Any programme	Any trak	1	
053519	INCLUSIVE DESIGN	6.0	EN	Any programme	Any trak	1	
058535	INCLUSIVE DIGITAL TECHNOLOGIES	6.0	EN	Any programme	Any trak	2	
057152	INNOVATION IN HEALTH AND SOCIAL CARE	6.0	EN	Any programme	Any trak	1	
056844	SOCIOLOGY OF THE CITY	8.0	EN	Any programme	Any trak	1	

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

SMART INFRASTRUCTURES - 2022/2023

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, 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).

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Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
099929 Code 2021	ADDITIVE MANUFACTURING	6.0	EN	Any programme	Any trak	1	Check timetable before choice
052216 Code 2021	ADVANCED USER INTERFACES	6.0	EN	Any programme	Any trak	1	
054898	ADVANCED USER INTERFACES	6.0	EN	Any programme	Any trak	1	
051998 Code 2021	DESIGN AND ROBOTICS	6.0	EN	Any programme	Any trak	2	
058189	DESIGN AND ROBOTICS	6.0	EN	Any programme	Any trak	2	
058191	DESIGN FOR DIGITAL TRANSFORMATION	6.0	EN	Any programme	Any trak	2	
056874	FUNDAMENTALS OF ELECTRONICS FOR DESIGN	6.0	EN	Any programme	Any trak	2	
054708	VIRTUAL AND PHYSICAL PROTOTYPING	6.0	EN	Any programme	Any trak	2	

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

SMART INFRASTRUCTURES - 2022/2023

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, 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).

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Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
058191	DESIGN FOR DIGITAL TRANSFORMATION	6.0	EN	Any programme	Any trak	2	Check timetable before choice
058198	DIGITAL BUSINESS	6.0	EN	Any programme	Any trak	2	
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6.0	EN	Any programme	Any trak	1	
058197	DIGITAL TECHNOLOGY	6.0	EN	Any programme	Any trak	2	
058225	ETHICS FOR TECHNOLOGY	6.0	EN	Any programme	Any trak	2	
058200	PROJECT MANAGEMENT: PRINCIPLES & TOOLS	6.0	EN	Any programme	Any trak	1	
058224	SMART CITIES AND URBAN INNOVATION	8.0	EN	Any programme	Any trak	2	

BV (1162) DESIGN DELLA COMUNICAZIONE

SMART INFRASTRUCTURES - 2022/2023

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 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.

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Code	Course Title	CFU	Language	Programme	Track	Semester(s)	Campus
052216 Code 2021	ADVANCED USER INTERFACES	6.0	EN	Any programme	Any trak	1	Check timetable before choice
054898	ADVANCED USER INTERFACES	6.0	EN	Any programme	Any trak	1	
058190	COMPUTATIONAL VISUAL DESIGN	6.0	EN	Any programme	Any trak	2	
053669 Code 2021	DATA MANAGEMENT FOR THE WEB	6.0	EN	Any programme	Any trak	1	
054899	DATA MANAGEMENT FOR THE WEB	6.0	EN	Any programme	Any trak	1	
051998 Code 2021	DESIGN AND ROBOTICS	6.0	EN	Any programme	Any trak	2	
058189	DESIGN AND ROBOTICS	6.0	EN	Any programme	Any trak	2	
058191	DESIGN FOR DIGITAL TRANSFORMATION	6.0	EN	Any programme	Any trak	2	
058198	DIGITAL BUSINESS	6.0	EN	Any programme	Any trak	2	
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6.0	EN	Any programme	Any trak	1	
058197	DIGITAL TECHNOLOGY	6.0	EN	Any programme	Any trak	2	
055009 Code 2021	MULTIDISCIPLINARY PROJECT	6.0	EN	Any programme	Any trak	2	
058195	MULTIDISCIPLINARY PROJECT	6.0	EN	Any programme	Any trak	2	
058200	PROJECT MANAGEMENT: PRINCIPLES & TOOLS	6.0	EN	Any programme	Any trak	1	

BV (1261) INTEGRATED PRODUCT DESIGN

SMART INFRASTRUCTURES - 2022/2023

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, 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. 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	Check timetable before choice
058190	COMPUTATIONAL VISUAL DESIGN	6.0	EN	Any programme	Any trak	2	
054899	DATA MANAGEMENT FOR THE WEB	6.0	EN	Any programme	Any trak	1	
051998 Code 2021	DESIGN AND ROBOTICS	6.0	EN	Any programme	Any trak	2	
058189	DESIGN AND ROBOTICS	6.0	EN	Any programme	Any trak	2	
058191	DESIGN FOR DIGITAL TRANSFORMATION	6.0	EN	Any programme	Any trak	2	
058198	DIGITAL BUSINESS	6.0	EN	Any programme	Any trak	2	
058192	DIGITAL TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT	6.0	EN	Any programme	Any trak	1	
058197	DIGITAL TECHNOLOGY	6.0	EN	Any programme	Any trak	2	
055009 Code 2021	MULTIDISCIPLINARY PROJECT	6.0	EN	Any programme	Any trak	2	
058195	MULTIDISCIPLINARY PROJECT	6.0	EN	Any programme	Any trak	2	
058200	PROJECT MANAGEMENT: PRINCIPLES & TOOLS	6.0	EN	Any programme	Any trak	1	
058224	SMART CITIES AND URBAN INNOVATION	8.0	EN	Any programme	Any trak	2	