

M.Sc. Program: Green Innovation and Entrepreneurship (GIEP)

Track (1): Green Technology.

- Student will study 32 credit hours; 4 core courses and select and 4 elective courses from the followings and execute master thesis in the field of **green technology.**
- Admission for students who have a Bachelor's degree in Engineering, Science, Pharmaceutical Sciences, agricultural science.
- **Double degree requirement scources is (18 Credit hour = 60 ECTS) Then 120 ECTS in Politecnico di Milano**
- After completing 180 ECTS (60 at Alexandria University and 90 at POLIMI, and 30 Thesis and other seminars), students shall be awarded two MSc degrees;
- a) the Master of Science in Green Innovation and Entrepreneurship program according to the specific track followed at the ... **Green Technologies (Engineering)** or **Sustainable Cities** , and
- b) The "**Laurea Magistrale in Ingegneria Architettura or Design**", according to their specific course of studies at the POLIMI.

Department of Environmental Studies			
M.Sc. Program: Green Innovation and Entrepreneurship -GIEP-- track (I) Green Technology			
#	Code	Course Name	32 credit hour
Core course are mandatory courses			
1	2001751	Sustainable Development, Climate Change and energy	3
2	2001752	Lifecycle Assessment	3
3	2001753	Innovation Management and Entrepreneurship	3
4	2001754	Energy Conversation	3
Elective Courses for choosing			
5	2001755	Innovation, Sectorial Applications	3
6	2002713	Renewable Energy Resources	3
7	2001723	Biological Treatment of Waste	3
8	2001717	Air Pollution	3
9	2001704	Natural Resources	3
10	2001714	Environmental Impact Assessment for Projects	3
11	2001703	THE Environmental Laws and Policies and management and economic	3
12	2001713	Environmental Measurements and methodology	3
13	2001732	Economic Assessment of Environmental Projects	3
14	2001756	Technical Writing for Academic Research Purposes	3
15	2001757	Establishing a New Business	3
16		Thesis on a Topic of Green Innovation and Entrepreneurship	8

Program Coordinator:

Prof. Ibrahim Hindawy Saleh, PhD, Environmental Physics

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M.Sc. Program: in Green Innovation and Entrepreneurship (GIEP)

Track (2) Sustainable Cities.

- Student will study 32 credit hours; 4 core courses and select and 4 elective courses from the followings list and execute the master theses in the field of **Sustainable Cities**. Admission for students who have a Bachelor's degree in Engineering (Civil or Architecture), or Fine Arts (Architecture).
- **Double degree requirement scources is (18 Credit hour =60 ECTS) Then 120 ECTS in Politecnico di Milano**
- After completing 180 ECTS (60 at Alexandria University and 90 at POLIMI, and 30 Thesis and other seminars), students shall be awarded two MSc degrees;
- a) the Master of Science in Green Innovation and Entrepreneurship program according to the specific track followed at the **Sustainable Cities** , and
- b) The "**Laurea Magistrale in Ingegneria Architettura or Design**", according to their specific course of studies

at the
POLIMI.

Department of Environmental Studies			
M.Sc. Program : Green Innovation and Entrepreneurship -GIEP-- track (٢) Sustainable Cities			
#	Code Number	Course Name	32 credit hour
Core course are mandatory courses			
1	2001751	Sustainable Development, Climate Change and energy	3
2	2001752	Lifecycle Assessment	3
3	2001753	Innovation Management and Entrepreneurship	3
4	2001761	Projects Managements	3
Elective Courses for choosing			
5	20017١٦	Introductory Remote Sensing	3
6	2001763	Risk Assessment	3
7	2001715	Geographic Information system	3
8	2001764	Environmental Design Building	3
9	2001765	Sustainable Urban Design	3
10	2001766	Sustainable Architecture	3
11	2001767	Water and Environment in Landscape	3
12	2001768	Energy Measurement Devices	3
13	2001769	Development of Urban Environment	3
14	2001703	The Environment Laws and Policies and Management and Economic	3
15	2001732	Economic assessment of environmental projects	3
16	2001756	Technical Writing for Academic Research Purposes	3
1٧		Thesis on a Topic of Green Innovation and Entrepreneurship Sustainable cities	8

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