



Pharos University in Alexandria  
Vice President for Graduate Studies & Research  
International Ranking Committee

# THE Impact Ranking SDG11 Report

# 11

## Sustainable Cities and Communities



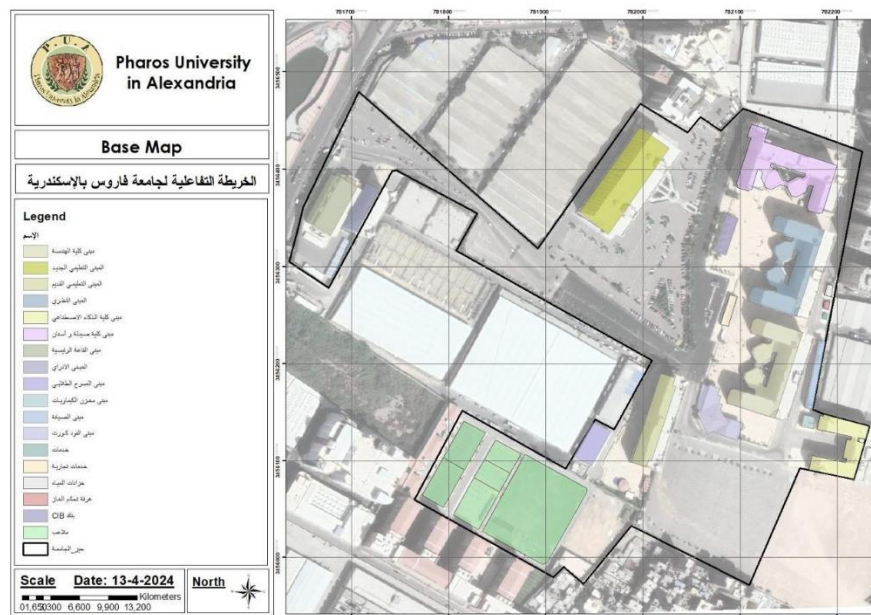


## SDG 11 Sustainable Cities and Communities Events

Cities and communities must themselves be sustainable. More and more of the world's population lives in urban centers, and this is often the home of our universities too. Cities can be places of great innovation and opportunity, but they can also be home to intense poverty and inequality. The interaction between universities and their communities, urban and rural, needs to be a positive one that can last for generations.

### PUA Open Spaces and Green Spaces

PUA Base map illustrates open and green spaces at the university



Base Map (Pharos University in Alexandria, Egypt)

The following is information related to PUA campus area:

The Total campus site area is = 146674 m<sup>2</sup>,

Total building ground area = 26238 m<sup>2</sup>,

Total agricultural area = 5567 m<sup>2</sup>,

Total pedestrian area = 114869 m<sup>2</sup>.



Some photos illustrating open and green space areas:



PUA Campus



PUA Sports Facilities



## SDG 11 Sustainable Cities and Communities Events

### Sustainability Practices in Hotel Establishments

Posted On: November 16, 2025

As part of its third environmental campaign named “Green Pharos”, PUA’s Faculty of Tourism and Hotel Management hosted a workshop titled “Sustainability Practices in Hotel Establishments”, in line with PUA’s efforts to enhance the concept of sustainability and apply Green University standards.

The workshop was delivered by Dr. Abdullah El-Kahly, Assistant Lecturer in the Hotel Management Department, who discussed the scientific and practical foundations for implementing sustainability practices in hotel establishments. This contributes to rationalizing resource consumption, reducing the carbon footprint, and promoting environmental responsibility in the tourism sector.

The workshop was held under the supervision of Dr. Ahmed Magdy, Faculty’s Green Pharos representative, who stressed the importance of integrating sustainability concepts into the educational and training process, aligning with the Sustainable Development Goals and the University’s vision for a greener and more environmentally conscious future.



URL: <https://www.pua.edu.eg/sustainability-practices-in-hotel-establishments/>





## A Workshop on Afforestation

Posted On: April 14, 2025

With growing interest in environmental issues, PUA's Faculty of Tourism and Hotel Management organized a workshop titled "The Importance of Afforestation" as part of the second phase of the Green Pharos campaign. The workshop aimed to enhance environmental awareness among students and faculty members by underscoring the vital role afforestation plays in improving air quality, reducing pollution, expanding green spaces, and enhancing biodiversity.

A series of scientific lectures delivered by environmental experts explored the positive impact of trees on human health. Participants also discussed ways to foster cooperation among various community sectors to implement sustainable afforestation initiatives, particularly within the university campus and its surrounding areas.

Speakers emphasized the pivotal role that PUA plays in promoting a culture of environmental responsibility through a range of activities, most notably the Green Pharos campaign, which advocates for sustainable agriculture and environmental conservation.

The workshop concluded with a field tour aimed at introducing different tree species and highlighting their environmental significance, encouraging all attendees to take an active role in supporting afforestation efforts both within and beyond the university.

This event is part of an ongoing series of initiatives organized by PUA to spread environmental awareness across the student body and the wider academic community.



URL: <https://www.pua.edu.eg/a-workshop-on-afforestation/>



## PUA's Dentistry Visits Bibliotheca Alexandrina

Posted On: November 14, 2024

As part of its cultural endeavors, PUA's Faculty of Dentistry organized a trip to Bibliotheca Alexandrina for faculty members and teaching assistants. The visit was attended by Prof. Dr. Amr Abdullah, Dean of the Faculty, and Prof. Dr. Laila El-Habashi, Vice Dean for Graduate Studies and Research, along with several faculty members and teaching assistants.

The faculty delegation was warmly welcomed by the Bibliotheca officials, who provided guides to introduce them to the stages of establishing the modern bibliotheca and its significance, in addition to sharing insights into the history of the ancient library. The attendees also explored various sections of the library, including the extensive digital archive, and toured its numerous museums, such as the Museum of the History of Religions, the Pharaonic Museum, the Museum of Artistic Manuscripts, and the Sculpture Hall. They also visited the Sadat Museum and the partition dedicated to the esteemed journalist, Mohamed Hassanein Heikal.

The participants enjoyed viewing the Bibliotheca's valuable collections and felt a deep appreciation for the richness of Egyptian civilization and its cultural heritage.



URL: <https://www.pua.edu.eg/puas-dentistry-visits-bibliotheca-alexandrina/>



## **Towards a Sustainable University Community** **Posted On: May 13, 2024**

As part of the Recycle It campaign and the Green Pharos: an environmentally conscious University Initiative, PUA's Faculty of Computer Science and Artificial Intelligence orchestrated a lecture titled "Towards a Sustainable University Community." The lecture, delivered by Dr. Amr Abdel Fattah, Lecturer in the Computer Science Department, delved into the challenges impeding the attainment of sustainability within the campus milieu. Dr. Abdel Fattah also elucidated on practical solutions that could be adopted to foster the establishment of a more sustainable university community.



URL: <https://www.pua.edu.eg/141466/>

## **Brilliance School Visits PUA's Arts and Design** **Posted On: November 23, 2023**

Under the patronage of Prof. Dr. Omar Ghonim, Dean of PUA's Faculty of Arts and Design, Prof. Dr. Nagwan Shehata, Vice Dean for Education and Student Affairs, and PUA's Marketing Department, the Faculty of Arts and Design received a visit from Grand Language School students. The Faculty held a dot-drawing workshop along with several workshops for the school's students.

Furthermore, the students attended introductory tours throughout the Faculty's various departments and the permanent exhibition. At the end of the visit, the students took numerous memorial photos on campus and with the Dean.



URL: <https://www.pua.edu.eg/brilliance-school-visits-puas-arts-and-design-2/>



## Role of the Greco-Roman Museum in Tourism

Posted On : November 20, 2023

During the cultural week of the tourism department, we are pleased to announce the success of, “Unveiling Alexandria’s Treasures: The Role of the Greco-Roman Museum in Tourism and City Branding,” workshop. This workshop was presented by Dr. Walaa Moustafa, Director- General of the Greco-Roman Museum.

The workshop discussed how the Greco-Roman Museum has shaped Alexandria’s tourism and branding, reflected its rich cultural heritage, and shaped our city’s identity. PUA’s Faculty of Tourism and Hotel Management expresses its profound gratitude to Dr. Walaa for her enthusiastic involvement, dedication, and valuable contributions to this event.



URL: <https://www.pua.edu.eg/role-of-the-greco-roman-museum-in-tourism/>





## PUA-Aristotle Joint Cooperation Continues

Posted On: November 17, 2024

As part of the ongoing collaboration between PUA and Aristotle University in Greece, PUA's Architectural Engineering Department concluded a successful joint workshop that began in last July. The event was part of an agreement between the two institutions aimed at enhancing academic cooperation and providing students with hands-on experience.

the workshop hosted a Greek delegation consisting of nine students and a faculty member from Aristotle University, who visited PUA to continue the collaborative project. Over the course of three days, the workshop included specialized lectures, field visits, and collaborative project work. A key focus of the workshop was the urban design project aimed at developing the southern part of the Waterfalls Park in Alexandria.

The event that was supervised by Prof. Dr. Ramadan Abdel Maqsooud, Academic Supervisor of the Architectural Engineering Department, provided a platform for students from both universities to work together on real-world projects, thereby enhancing their practical skills and fostering a deeper understanding of urban design and development.

This collaboration exemplified PUA commitment to enhancing international academic partnerships, enriching students' learning experiences, and applying theoretical knowledge to practical, impactful projects.



<https://www.pua.edu.eg/%d8%a7%d8%b3%d8%aa%d9%83%d9%85%d8%a7%d9%84-%d8%a7%d9%84%d8%aa%d8%b9%d8%a7%d9%88%d9%86-%d8%a8%d9%8a%d9%86-%d8%ac%d8%a7%d9%85%d8%b9%d8%a9-%d9%81%d8%a7%d8%b1%d9%88%d8%b3-%d9%88%d8%ac%d8%a7%d9%85%d8%b9/>



## A Meeting with Industry Experts

Posted On: December 3, 2023

With the launch of the cultural program for AY 2023-2024, the Hotel Management Department at PUA's Faculty of Tourism and Hotel Management organized a workshop titled "A Meeting with Industry Experts,". The workshop was delivered by Mr. Wael Rashad, Operations Manager at the Grand Plaza Hotel, Smouha, Alexandria. Mr. Rashad offered professional advice to the students on how to start their careers after graduation, the challenges that may arise, and how to respond to them. Furthermore, the workshop was attended by numerous senior and junior students from the Department of Hotel Management.



<https://www.pua.edu.eg/a-meeting-with-industry-experts/>



## Recycling and Using Environmental Products in Interior Design

Posted On: January 14, 2024

As part of PUA's student activities programs, PUA's Faculty of Arts and Design held a workshop on "Recycling and Using Environmental Products in Interior Design." Dr. Mahitab Al-Sayed, Lecturer, Décor Department delivered this workshop, which seeks to highlight the concept of recycling, and its role in remanufacturing and using waste products in general, and interior design products in particular.

This means that products be used more than once, and recover unwanted and discarded materials such as paper, rubber, and glass. These materials would be then used as is, or as raw materials producing new materials of economic and environmental benefit, such as interior designs and cardboard furniture.

By early 1990s, indirect recycling began to gain popularity, which is using waste materials to manufacture other products based on the same raw material, such as recycling iron, aluminum, glass, paper, and others.

Hence, recycling has become one of the most important methods of waste disposal. It directly solves the problem of depletion of non-renewable resources and the increasing amount of waste. This, in turn, requires searching for appropriate alternatives and solutions that don't cause further depletion of these resources. It also helps avoid purchasing or importing new raw materials by recycling these wastes.



URL: <https://www.pua.edu.eg/recycling-and-using-environmental-products-in-interior-design/>



## Celebrating Earth Day

Posted On: May 8, 2024

The Green Pharos Committee commemorated Earth Day on April 22, 2024, through a series of events designed to raise awareness about environmental conservation. These activities encompassed various initiatives, including a one-hour lights-off campaign across all buildings, aimed at conserving energy and fostering an understanding of sustainable energy consumption practices. Additionally, a workshop was conducted to educate students about the significance of Earth Day and methods for safeguarding the environment. Led by Mr. Abdullah Mohammed, the workshop addressed pertinent environmental concerns such as climate change and pollution, offering students practical advice on contributing to environmental preservation efforts. Moreover, the committee showcased informational posters on the Faculty's advertising screen on the fifth floor, highlighting the significance of Earth Day and emphasizing the importance of environmental protection. These endeavors aimed to enhance awareness of environmental issues among students and inspire proactive measures to safeguard our planet.



URL: <https://www.pua.edu.eg/celebrating-earth-day/>



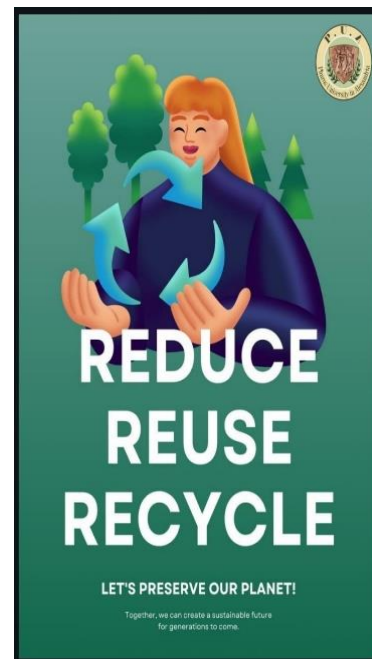


## Workshop on Environmental Conservation and Recycling

Posted On: May 19, 2024

Under the patronage of Prof. Dr. Mohamed Etman, Acting Vice President for Community Service and Environmental Development Affairs, and under the supervision of the Community Service Committee, the Alex Eco team from the French Language Department at AU's Faculty of Arts held a workshop aimed at educating PUA students about the goals of sustainable development. The workshop focused on various objectives, including achieving sustainable development goals, moving towards the establishment of a Green Pharos as an environmentally friendly university, training environmental leaders, educating students on overcoming environmental challenges, and promoting recycling practices.

Dr Yasmine Haggag, Assistant Professor at the Department of French Language at the Faculty of Arts and Director of the Alex Eco Association, presented a workshop on environmental conservation and recycling in the Language Lab D210



URL: <https://www.pua.edu.eg/environmental-conservation-and-recycling-workshop/>



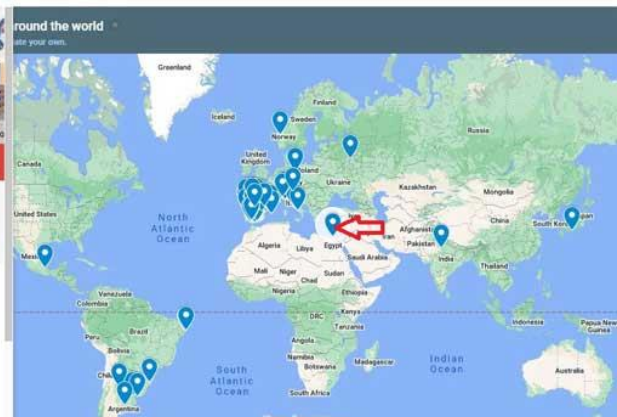
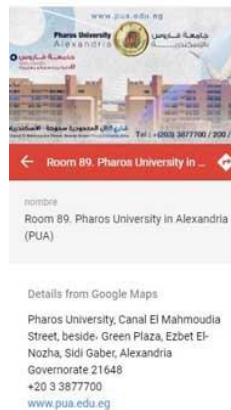
## Public access to Museums, Exhibition Spaces / Galleries and/or Works of Art and Artifacts

Pharos University is a private university provides public access to exhibition spaces and galleries in Pharos University also it provides the students with annual trips and excursions to museums.

### PUA's Tourism Hosts MENA's 1st Room the International Network of Museums Posted On: September 6, 2023

PUA's Faculty of Tourism and Hotel Management has exclusively hosted MENA's first room (No. 89) affiliated with the International Network of the Museums of Tourism. The Museum is an international, non-profit initiative that includes a wide network of more than 100 rooms around the world, whose main goal is to disseminate the history of tourism. The museum is not located in a specific place, but rather a global museum with a wide scope. The location of the museum is the world itself, and in particular, any place that has a room belonging to the museum.

Now, this compelling story has found its way to our campus. Our partners from the industry, faculty staff members, and enthusiastic students came together to celebrate this milestone. The event was also graced by the virtual presence of a distinguished guest, Mr. Alberto Bosque, the visionary coordinator of the Museum of Tourism initiative.



For more info: <https://themuseumoftourism.org>

URL: <https://www.pua.edu.eg/%d8%b3%d9%8a%d8%a7%d8%ad%d8%a9-%d9%81%d8%a7%d8%b1%d9%88%d8%b3-%d8%aa%d8%b3%d8%aa%d8%b6%d9%8a%d9%81-%d8%a7%d9%84%d8%ba%d8%b1%d9%81%d8%a9-%d8%a7%d9%84%d8%a3%d9%88%d9%84%d9%89-%d9%81%d9%8a-%d8%a7%d9%84/>



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## Courses that Support Sustainable Cities and Communities

No	Faculty in Pharos University	Course name	Course code	SDG of relevance
1	Engineering	Renewable energy and storage systems	EM 333	SDG11
2	Mass Communication	Communication and Development	COM 103	SDG 1 - SDG 2 - SDG 7 - SDG 9 - SDG 11
3	Engineering	Sustainability in Architecture	EA002	SDG11
4	Engineering	Theories of Housing	EA018	SDG11
5	Engineering	Architectural Design Level 1 to Level -4	EA 211 - EA 212 - EA 311 - EA312	SDG11
6	Engineering	Building Technology	EA 112 - EA 221 - EA 222	SDG11
7	Tourism and Hotel Management	Introduction to Hospitality Industry	HM 101	SDG 8 - SDG 11
8	Tourism and Hotel Management	Quality Mgt. in Tour & Hospital Enterprise	THM 271	SDG 8 - SDG 9 - SDG 11 - SDG 12
9	Tourism and Hotel Management	Theory of Tourism	TM 101	SDG 8 - SDG 11
10	Tourism and Hotel Management	Ecotourism	TM 371	SDG 1 - SDG 3 - SDG 5 - SDG 6 - SDG 10 - SDG 11 - SDG 12 - SDG 15
11	Tourism and Hotel Management	Events Management	TM 411	SDG 11 - SDG 12
12	Tourism and Hotel Management	Tourism Attractions Planning and Deve.	TM 451	SDG 11 - SDG 16





No	Faculty in Pharos University	Course name	Course code	SDG of relevance
13	Tourism and Hotel Management	Tourism and Globalization	TM 472	SDG 1 - SDG 7 - SDG 8 - SDG 10 - SDG 11 - SDG 13 - SDG 16 - SDG 17
14	Tourism and Hotel Management	Tourism Project	TM 481 - TM 482	SDG 8 - SDG 9 - SDG 11 - SDG 12 - SDG 17
15	Tourism and Hotel Management	Tourism Destination Marketing	TM 316	SDG 1 - SDG 3 - SDG 8 - SDG 11 - SDG 17
16	Tourism and Hotel Management	Tourism Impact and Sustainability	TM 354	SDG 1 - SDG 6 - SDG 7 - SDG 8 - SDG 11 - SDG 13 - SDG 14 - SDG 15
17	Tourism and Hotel Management	Convention and Meeting Planning	TM 461	SDG 11 - SDG 12
18	Tourism and Hotel Management	International Tourism Planning & Develop	TM 474	SDG 1 - SDG 3 - SDG 5 - SDG 8 - SDG 10 - SDG 11 - SDG 17
19	Tourism and Hotel Management	Hospitality Facilities Planning & Design	HM 451	SDG 6 - SDG 7 - SDG 9 - SDG 11
20	Tourism and Hotel Management	History & Civilization of Ancient Egypt	GEN 109	SDG 11
21	Tourism and Hotel Management	Tourism and the Environment	TM 314	SDG 11 - SDG 12
22	Tourism and Hotel Management	Resort Planning and Development	TM 353	SDG 11
23	Arts and Design	General History of Art	F 141	SDG 11
24	Arts and Design	History of Art	F 142	SDG 11
25	Arts and Design	Permanent and Mobile Exhibitions	AD 311	SDG 9 - SDG 11



No	Faculty in Pharos University	Course name	Course code	SDG of relevance
26	Arts and Design	Graphic Design (1)	MA 222 - MA 321	SDG 11
27	Arts and Design	Digital Imaging	MA 251	SDG 9 - SDG 11
28	Arts and Design	Digital Video	MA 252	SDG 5 - SDG 11 - SDG 16
29	Arts and Design	Digital Illustration	MA 253	SDG 11 - SDG9
30	Arts and Design	2D Animation	MA 254	SDG11
31	Arts and Design	Typography (1)	MA 271 - MA 371	SDG 4 - SDG 9 - SDG 11
32	Arts and Design	Storyboarding	MA 311	SDG 11
33	Arts and Design	Digital Layout	MA 322	SDG 11 - SDG 16
34	Arts and Design	Motion Graphics (1)	MA 323	SDG 11 - SDG 8 - SDG1 - SDG6
35	Arts and Design	Video & Animation Design and Theory	MA 331	SDG 9 - SDG 11
36	Arts and Design	Theory and History of Visual Design	MA 332	SDG 11
37	Arts and Design	Digital Photography	MA 361	SDG 4 - SDG 5 - SDG 9 - SDG 11
38	Arts and Design	Sound Design	MA 362	SDG 9 - SDG 11
39	Arts and Design	History of Cinema	TD 541	SDG 11
40	Arts and Design	Printing Techniques	P 361 - P 362	SDG 11
41	Arts and Design	History of Artistic Art	DP 441	SDG 11
42	Arts and Design	Contemporary Art History	DP 541	SDG 11
43	Arts and Design	Science of Museums	DP 563	SDG 11
44	Arts and Design	History of Costume and Styles (2)	FD 341	SDG 11
45	Arts and Design	Media performance	G 213 - G 214	SDG 11
46	Arts and Design	Plastic art history	G 341	SDG 11



No	Faculty in Pharos University	Course name	Course code	SDG of relevance
47	Arts and Design	Printmaking techniques	G 361 - G 362	SDG 11
48	Arts and Design	History of Graphic Design	GD 441 - GD 442	SDG 11
49	Arts and Design	Graduation Project Research	GD 581	SDG 6 - SDG 8 - SDG 11 - SDG 12 - SDG 13
50	Arts and Design	Graduation Project	GD 582	SDG 6 - SDG 8 - SDG 11 - SDG 12 - SDG 13
51	Arts and Design	Interior Design (3)	D 321 - D 322	SDG 11
52	Arts and Design	History of Art and Architecture (1)	D 341 - D 342	SDG 11
53	Arts and Design	Furniture Styles	D 343	SDG 4 - SDG 11
54	Arts and Design	Folk Art	TD 534	SDG 11
55	Arts and Design	Film History and Theory	AV 441	SDG 11
56	Arts and Design	Material Specification	MD 462	SDG 11
57	Arts and Design	Interior Architecture Design (1)	ID 421 - ID 422 - ID 521	SDG 11 - SDG 12
58	Arts and Design	Furniture Design	ID 425	SDG 9 - SDG 11 - SDG 12
59	Arts and Design	History of Interior Architecture	ID 441	SDG 11
60	Arts and Design	Architectural Styles	ID 461	SDG 4 - SDG 11
61	Arts and Design	Design & Interior Environmental Tech.	ID 523	SDG 11 - SDG13
62	Arts and Design	Contemporary Art History	ID 541	SDG 11
63	Arts and Design	Graduation Project Research	ID 581	SDG 7 - SDG 9 - SDG 11 - SDG 13
64	Arts and Design	Graduation Project	ID 582	SDG 7 - SDG 9 - SDG 11 - SDG 13
65	Arts and Design	Architectural Styles	MD 431	SDG 4 - SDG 11



No	Faculty in Pharos University	Course name	Course code	SDG of relevance
66	Arts and Design	History of Mural Painting	MD 441	SDG 11
67	Arts and Design	Restoration of mural painting	MD 561	SDG 11 - SDG 12
68	Arts and Design	Graduation Project Research	MD 581	SDG 11 - SDG 12
69	Finance and Administrative Sciences	Operations Management	BT 423	SDG 11 - SDG 12
70	Finance and Administrative Sciences	Entrepreneurship	BT 637	SDG 8 - SDG 11
71	Finance and Administrative Sciences	Strategic Marketing	BM 854	SDG 11 - SDG 12
72	Arts and Design	Advanced Motion Graphics	AV 421	SDG 9 - SDG 11
73	Arts and Design	Editing Esthetics	AV 433	SDG 9 - SDG 11
74	Arts and Design	Directing for the Screen	AV 566	SDG 9 - SDG 11
75	Arts and Design	Graduation Project Research	AV 581	SDG 1 - SDG 5 - SDG 10 - SDG11
76	Arts and Design	Graduation Project	AV 582	SDG 1 - SDG 5 - SDG 10 - SDG11
77	Arts and Design	Graduation Project Research	TD 581	SDG 7 - SDG 9 - SDG 11 - SDG 12
78	Arts and Design	Graduation Project	TD 582	SDG 7 - SDG 9 - SDG 11 - SDG 12
79	Arts and Design	Fashion	FD 331	SDG 11
80	Arts and Design	Global fashion houses	FD 332	SDG 11
81	Arts and Design	Textile structures	FD 362	SDG 11
82	Arts and Design	Leather Products	FD 363	SDG 11
83	Arts and Design	Costumes Accessories (2)	FD 411	SDG 11





No	Faculty in Pharos University	Course name	Course code	SDG of relevance
84	Arts and Design	Designing and Making Accessories	FD 423	SDG 11
85	Arts and Design	Photography and Fashion Shows	FD 461	SDG 11
86	Arts and Design	Preparing Dress Stand (mannequin)	FD 462	SDG 11
87	Arts and Design	Formation on Dress Stand (mannequin)	FD 463	SDG 11
88	Arts and Design	Art of Synthesizing Materials	FD 511	SDG 11
89	Arts and Design	Designing on Dress Stand (mannequin)	FD 521	SDG 11
90	Arts and Design	Displaying Methods	FD 562	SDG 11
91	Arts and Design	Graduation Project Research	FD 581	SDG 4 - SDG 11 - SDG 12
92	Arts and Design	Graduation Project	FD 582	SDG 4 - SDG 11 - SDG 12
93	Arts and Design	Digital Photography (2)	GD 462	SDG 1 - SDG 6 - SDG 8 - SDG 11 - SDG 14 - SDG 15
94	Arts and Design	Landscape	ID 412	SDG 9 - SDG 11 - SDG 13
95	Arts and Design	Interior Architecture Theories	ID 431	SDG 7 - SDG 9 - SDG 11
96	Arts and Design	Landscape Architecture	ID 524	SDG 9 - SDG 11 - SDG 13
97	Arts and Design	Architectural Render	ID 551	SDG 7 - SDG 9 - SDG 11
98	Engineering	History of Architecture (2)	EA 242	SDG 11
99	Engineering	History of Architecture (3)	EA 342	SDG 11



No	Faculty in Pharos University	Course name	Course code	SDG of relevance
100	Engineering	Architectural Design Level (5)	EA 411	SDG 11
101	Engineering	Architectural Design Level (6)	EA 412	SDG 11
102	Engineering	Execution Design Level (3)	EA 421	SDG 11
103	Engineering	Execution Design Level (4)	EA 422	SDG 11
104	Engineering	Theories of Architecture (4)	EA 442	SDG 11
105	Engineering	Urban Design	EA 451	SDG 11
106	Engineering	Architectural Design Level (7)	EA 511	SDG 11
107	Engineering	Architectural Design Level (8)	EA 512	SDG 11
108	Engineering	Sustainability in Architecture	EA 002	SDG 11
109	Engineering	Architecture Criticism	EA 005	SDG 11
110	Engineering	Site Planning	EA 016	SDG 11
111	Engineering	Theory of City Planning	EA 017	SDG 11
112	Engineering	Geographical Information System (GIS)	EA 020	SDG 9 - SDG 11
113	Engineering	Linear Algebra	EB 104	SDG 4 – SDG 8 – SDG 9 - SDG 11
114	Engineering	Numerical Analysis Using MATLAB	EB 207	SDG 4 – SDG 8 – SDG 9 - SDG 11
115	Engineering	Discrete Mathematics	EC 171	SDG 8 - SDG 9 – SDG 11
116	Engineering	Digital Control System	EE 391	SDG 7 – SDG 9 – SDG 11
117	Engineering	Eng. Drawing & Descriptive Geometry (1)	EB 141	SDG 11 - SDG 9
118	Engineering	Engineering Mathematics (3)	EB 103	SDG 4 – SDG 8 – SDG 9 - SDG 11



No	Faculty in Pharos University	Course name	Course code	SDG of relevance
119	Engineering	Engineering Mathematics (4)	EB 204	SDG 4 – SDG 8 – SDG 9 - SDG 11
120	Engineering	Introduction to Environmental Engineering	ES 201_E	SDG 10 - SDG 11 - SDG 12
121	Engineering	Concrete Materials	ES 202_E	SDG 9 - SDG 11
122	Engineering	Construction Project Management	ES 203_E	SDG 9 - SDG 11
123	Engineering	Introduction to Mech. and Elec. Const	ES 210	SDG 3 - SDG 11
124	Engineering	Graduation Project (1)	ES 400-1	SDG 6, SDG 7, SDG 8, SDG 9, SDG 11, SDG 14
125	Engineering	Graduation Project (2) - Water and Waste Water Engineering	ES 400-2	SDG 6, SDG 7, SDG 8, SDG 9, SDG 11, SDG 12, SDG 14
126	Engineering	Construction Methods and Equipment	ES 404_E	SDG 11
127	Engineering	Construction Contracting	ES 405	SDG 8 - SDG 11
128	Engineering	Advanced Topics in Materials	ES 311	SDG 9 - SDG 11
129	Engineering	Reinforced Concrete Industrial Structure	ES 312	SDG 11
130	Engineering	Digital Logic Fundamentals	EE 202	SDG 7 – SDG 11 – SDG 12
131	Engineering	Introduction to Electronic Circuits	EE 213	SDG 3 – SDG 7- SDG 9 - SDG 11 – SDG 12- SDG 13

No	Faculty in Pharos University	Course name	Course code	SDG of relevance
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132	Engineering	Micro-Electronic Devices and Circuits	EE 224	SDG 3 – SDG 7- SDG 9 - SDG 11 – SDG 12
133	Engineering	Energy Systems	EE 271	SDG 3 – SDG 7 – SDG 11 - SDG 12 – SDG 13
134	Engineering	Analog Integrated Circuits	EE 228	SDG 9 – SDG 11
135	Engineering	Analog Communications	EE 251	SDG 11
136	Engineering	Microprocessor Based System Design	EE 304	SDG 9 – SDG 11
137	Engineering	Communication Systems	EE 350	SDG 9 – SDG 11
138	Engineering	Antenna Theory and Design	EE 364	SDG 9 – SDG 11
139	Engineering	Optical Electronics	EE 316	SDG 11
140	Engineering	Digital Integrated Circuits	EE 338	SDG 3 – SDG 7 – SDG 9 - SDG 11 – SDG 12
141	Tourism and Hotel Management	Hospitality project 1	HM 481	SDG 11 – SDG 12
142	Tourism and Hotel Management	International Travel and Tourism	TM471	SDG 11
143	Engineering	Introduction to Construction Engineering	ES 105	SDG 11
144	Engineering	Engineering Environment and Society	HU 161!!	SDG 3 - SDG 5 - SDG 6 - SDG 7 - SDG 8 - SDG 9 - SDG 11 - SDG 12 - SDG 13 - SDG 14 - SDG 15 - SDG 17





No	Faculty in Pharos University	Course name	Course code	SDG of relevance
145	Financial and Administrative Sciences	Islamic Finance	BF858	SDG 1 - SDG 2 - SDG 3 - SDG 4 - SDG 5 - SDG 6 - SDG 7 - SDG 8 - SDG 9 - SDG 10 - SDG 11 - SDG 12 - SDG 13 - SDG 14 - SDG 15 - SDG 16 - SDG 17
146	Arts and Design	Graphic Art	AD312	SDG 4 - SDG 11
147	Arts and Design	Graduation Project	ID582	SDG 7 - SDG 11 - SDG 13
148	Arts and Design	Digital (2) Photography	GD462	SDG 1 - SDG 3 - SDG 4 - SDG 6 - SDG 11 - SDG 13

Publications that Address Sustainable Cities and Communities (9 publications)

<https://www.pua.edu.eg/wp-content/uploads/2025/11/PublicationsSDG11.pdf>