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.

SDG 11 Sustainable Cities and Communities Events

"Towards a Sustainable Tomorrow" competition
 August 31, 2022

"Towards a Sustainable Tomorrow" annual competition was held at PUA's Faculty of Engineering, under the auspices and support of Birla Carbon.

The competition was opened at 9:30 am with a speech from Prof. Dr. Muhammad Gaber Abu Ali, Dean of the Faculty of Engineering. After that, the senior students presented their competing projects Four academic departments participated in the competition, namely:

- Petrochemical Engineering Department (two projects)
- Mechanical Engineering Department (four projects)
- Electrical Engineering Department (two projects)
- Construction Engineering and Management Department (two projects)

Together, the competing projects reached 10 projects and were evaluated by a jury comprising of:

 Dr. Mona Gamal El-Din, Dean of the Faculty of Energy, Environmental and Petrochemical Engineering, Egyptian Japanese University

- Dr. Boshra Salem, Dean of Graduate Studies and Research Affairs
- Dr. Mohamed Naim Anwar, Vice Dean of the Faculty of Engineering for Education and Student Affairs
- Dr. Wael El-Maghlany, Head of the Mechanical Engineering Department, Faculty of Engineering, Alexandria University.

 Further, the faculty members who supervised the graduation projects along with the competing students were honored and awarded certificates of appreciation.

At 2 pm, the results were declared and in the first place came the Petrochemical Engineering Department with a project entitled "Improving the Performances of Cellulose Acetate membrane for Water Desalination by doping Nano-graphene

Oxide". This project was supervised by Dr. Aya Suleiman and Dr. Ashraf Morsi, and was awarded a prize money of EGP 17,000.

URL: https://www.pua.edu.eg/towards-a-sustainable-tomorrow-competition/

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/

Sustainability Competition
Posted On: July 19, 2022

Within the sustainability week launched by the Tourism Department, 3rd year students in the tourism impact and sustainability course – as part of their final dissertation – presented a set of creative ideas. These ideas reflected the concept of sustainability and its significance for tourist destinations.

The students were divided into a group of competing teams, under the supervision of Assoc. Prof. Dr. Ghada Bassiouni, and Prof. Amr Moroccan. Each team was keen on implementing an idea that reflects the concept of sustainability in tourist destinations.

This was done by designing posters, fliers, and magazines, that highlighted the extent to which they have acquired the learning skills targeted in the course specification.

URL: https://www.pua.edu.eg/sustainability-competition/

Climate Conference
Posted On: May 22, 2022

A high-level delegation from Pharos University participated in the "Future of Alexandria and Climate Challenges" conference held at the Bibliotheca Alexandrina on Tuesday, March 29, 2022, which was co-sponsored by Pharos University. The delegation included Prof. Dr. Mahmoud Mohy El-Din, President of the University, Prof. Dr. Nourhan Fanaky, Vice-President for Education and Student Affairs, Prof. Dr. Ramadan Abu El-Ala, Vice President of Community Service & Environment Development Affairs, Prof. Dr. Boshra Salem, Dean of Postgraduate Studies and Research, and Prof. Dr. Ramadan Abdel Maksoud, Supervisor of the Department of Architecture, Faculty of Engineering, along with a number of university students. Further, the delegation members participated in the important discussions and recommendations produced from the sessions held in this regard.

URL: https://www.pua.edu.eg/climate-conference-2/

Department of Electrical Engineering in The First Egyptian Hackathon for Smart Cities
April 5, 2022

Within the framework of its interest in participating in major local events, the student from the Department of Electrical Engineering are currently participating in the activities of the first Egyptian Hackathon for Smart Cities at the national level. The event was held at Benha University from March 24 to March 26, 2022 under the patronage of His Excellency the Minister of Higher Education and Scientific Research, and in partnership with the Amazon Web Service.

Benha University, as the organizer of the event, announced that 478 teams representing 50 Egyptian public, private, and national universities applied to participate in the hackathon. The teams were later shortlisted to only 40 teams representing 25 universities.

The electrical engineering department team was chosen as the sole representative of Pharos University. The team includes five students from the fifth year, namely: Mohamed Abdel Azeem, Fayza Abdel Fattah Mohammad, Ahmed Khalil, Seif El-Din Mahmoud, Mohammad Ali Ahmed. Further, the project presented was supervised by Prof. Dr. Ahmed Abdullah. The team is also accompanied by Eng. Abdul Rahman Khaled, teaching assistant, as a supervisor.

Prof. Dr. Muhammad Abdul Rahman, Academic Supervisor of the Electrical Engineering Department, said that the 25 teams compete in ten different fields, including smart buildings, smart parks, smart schools and universities, smart facilities, smart management, and others.

Furthermore, the event coincides with the biggest current challenges of the Egyptian state, which is digitization and smart digital transformation. Prof. Dr. Muhammad Abdul Rahman also stressed the importance of the participation of Pharos University and its students in these major competitions and forums which allow students to acquire the necessary skills for competition, challenge, and innovation. Further, to honor the university's quest in the adoption of engineering educational competencies that keep pace with the requirements of the times.

URL: https://www.pua.edu.eg/department-of-electrical-engineering-in-the-first-egyptian-hackathon-for-smart-cities/

A Field Visit to Bibliotheca Alexandria's Monuments Museum
July 4, 2022

On Sunday, May 8, 2022, the Faculty of Arts and Design organized a field visit to Bibliotheca Alexandria (Monuments Museum) for the freshman students of the Painting Department (Drawing and Painting Major) as a part of the requirements for the Drawing (2) course code P212.

This visit was supervised by the course lecturer, Dr. Sherine Mokhtar. The students studied a selection of statues dating back to the Hellenistic, Roman, Byzantine and Islamic periods. These studies were later used to create different designs inspired by the students' thoughts using different painting techniques.

URL: https://www.pua.edu.eg/a-field-visit-to-bibliotheca-alexandrias-monuments-museum/

Creating Artworks Using Acrylic Medium Workshop
June 26, 2022

As part of PUA's student activity programs, the Faculty of Arts and Design organized a workshop entitled "Creating Artworks Using Acrylic Medium". This workshop was prepared by Prof. Dr. Shaimaa Khudair, Assistant Professor in the Graphic Department.

Wood painting is a visual art that adds an aesthetic touch to the surfaces of the interior walls. Various media can be used such as oil colors, acrylic, and other media that are characterized by color stability.

However, using acrylic medium is one of the favored choices in visual arts; as it quickly dries, easy to use, and gives a covering layer whose thickness can be controlled, from light transparent to opaque. In addition, numerous textures can be produced using different types of brushes.

URL: https://www.pua.edu.eg/%d9%88%d8%b1%d8%b4%d8%a9-%d8%aa%d9%86%d9%81%d9%8a%d8%b0-%d8%a7%d9%84%d8%a3%d8%b9%d9%85%d8%a7%d9%84-%d8%a7%d9%84%d9%81%d9%86%d9%8a%d8%a9-%d8%a8%d8%a7%d8%b3%d8%aa%d8%ae%d8%af%d8%a7%d9%85-%d9%88%d8%b3/

A Visit to National Museum of Egyptian Civilization
June 20, 2022

In pursuance of developing the imaginative and creative abilities, students of the fourth year (seventh semester) at the Architectural Department conducted a field visit to Cairo to visit the National Museum of Egyptian Civilization in Al Fustat, as well as the Children's Civilization and Creativity Center in Heliopolis. This visit came within the activities of the Architectural Design Course 5 – EA411.

This visit was under the supervision of faculty members: Asst. Prof. Dr. Mona Mohamed Naguib, Dr. Nadia Samir, Dr. Heidi Shehata, along with a group of teaching assistants.

The visit aimed to expand the students' awareness and develop their knowledge of the design and construction fundamentals related to the design of museums in terms of exhibition halls of all kinds, different spaces, as well as their facilities.

URL: https://www.pua.edu.eg/84517/

Don Quixote's Novel Reading Event
June 15, 2022

The Spanish Department of the Faculty of Languages and Translation, in cooperation with the Spanish Embassy, organized an event for reading Don Quixote's novel in both Spanish and Arabic. Students of the Department of Spanish Department from different years, faculty members, and teaching assistants from all departments participated in reading parts of the novel. This event was supervised by Prof. Dr. Hala Awad, Head of the Department of Spanish Language, sponsored by Prof. Dr. Sahar Hamouda, Dean of the Faculty, and coordinated by Mrs. Rania Bassiouny, Coordinator of the Faculty's International Relations.

https://www.pua.edu.eg/don-quixotes-novel-reading-event/

Field Visit to Al-Mu'izz Street and Flower Exhibition in Cairo
May 30, 2022

Within the framework of the architectural design course – sixth level, the students of the fourth year (the eighth semester) in the Department of Architecture visited the flower exhibition in Orman Botanical Garden, and the shrines of Al-Mu'izz Street in Fatimid Cairo, such as Al-Hakim Bi-Amr Allah Mosque, School and Sabeel Mosque-Sabil of Agha Al-Silahdar, Bayt Al-Suhaymi ("House of Suhaymi"), and Hammam of Sultan Inal (public bathhouse), Complex of Sultan al-Mansur Qalawun, and Sultan Barquq School. The visit was supervised by faculty members: Dr. Ingy Naguib , Dr. Mona Salem, and Arch. Mohamed Abu Shousha, along with a group of teaching assistants.

URL: https://www.pua.edu.eg/field-visit-to-al-muizz-street-and-flower-exhibition-in-cairo/

Construction Engineering and Management Department Visits (Al Sawary) Housing Project
April 23, 2022

Under the auspices of Prof. Dr. Hamdy Afefy, Head of the Construction Engineering and Management Department, Faculty of Engineering, PUA, Dr. Marwa Sharkas, Professor of Building Technology Course, along with a group of teaching assistants: Eng. Ahmed Salem, Eng. Sherwit Hassan, Eng. Heba Adel, Eng. Nisrina Hazem, Eng. Fayrouz Al-Bakatoshy, organized a field visit to the construction site of the (Al Sawary) housing project in Alexandria, which is located on Alexandria-Cairo desert road behind Carrefour City Center, on Sunday Dec 26, 2021.

Mr. Muhammad Saeed, the project's financial manager, welcomed the department's delegation, and he thankfully assigned several engineers and technicians to provide the student with a detailed explanation about the components of the project and the construction system used.

Furthermore, the students were introduced to the project's foundation works, concrete structures, and structural works. By the end of the visit, students reviewed the various items of finishing such as ceramics, marble, and other works.

Moreover, the students took several photos and videos from the site to use them when presenting their final project to be delivered at the end of the semester.
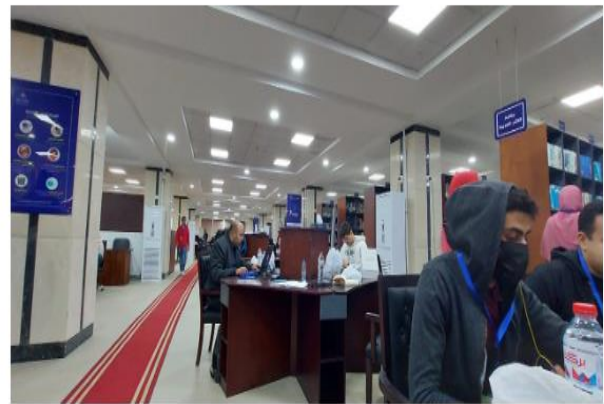
URL: https://www.pua.edu.eg/construction-engineering-and-management-department-visits-al-sawary-housing-project/

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URL: https://www.pua.edu.eg/department-of-electrical-engineering-in-the-first-egyptian-hackathon-for-smart-cities/

Faculty of Language and Translation's Cultural Competition
March 27, 2022

Within the framework of its keenness on student activities, student-motivating cultural competitions that psychologically support students and creating a strong bond with their colleagues, as well as spreading a spirit of joy and competitiveness, PUA's Faculty of Language and Translation organized a cultural competition. The competition that was supervised by the Student Activities Department, took place on Tuesday, March 15th, 2022 in the theoretical building. Furthermore, the Department created a group of questions in various scientific, literary, sports, historical and geographical fields. A great turnout of the Faculty's students participated in the event that ran from 11:30 am to 02:00 pm.

URL:https://www.pua.edu.eg/%d8%a7%d9%84%d9%85%d8%b3%d8%a7%d8%a8%d9%82%d8%a9-%d8%a7%d9%84%d8%ab%d9%82%d8%a7%d9%81%d9%8a%d8%a9-%d9%84%d9%83%d9%84%d9%8a%d8%a9-%d8%a7%d9%84%d9%84%d8%ba%d8%a7%d8%aa-%d9%88%d8%a7%d9%84%d8%aa/

The Applied Health Sciences Technology organizes a Cultural Competition
March 21, 2022

Under the auspices of Prof. Dr. Ezzat Hassan, Dean of the Faculty of Applied Health Sciences Technology and Prof. Dr. Hamdy Al-Wakeel, Vice Dean for Education and Student Affairs, the Cultural Committee of Student Activities, under the supervision of Dr. Esraa Moneer, Head of the students' activities, organized a cultural competition for the Faculty students on Tuesday, March 8th, 2022. The competition comprised of four teams; each team was headed by a staff member. Further, questions were moderated by Dr. Hisham Kamel in various fields to the competing teams. This helped create a competitive spirit that highlights the strongest culturally and scientifically outstanding students, and contributes in encouraging the students to continue the process of research, pursue knowledge and awareness, and gain more information. Moreover, other students and staff members gave warm rounds of to the contestants.

URL: https://www.pua.edu.eg/the-applied-health-sciences-technology-organizes-a-cultural-competition/

2nd Edition of the Intra-Africa 2063 Competition
February 7, 2023

In light of the first aspiration of the Africa agenda 2063 entitled "A prosperous Africa, based on inclusive growth and sustainable development ", the E-Club of Pharos University in Alexandria (PUA) is launching its 2nd edition of the Intra-Africa 2063 Competition entitled "SDGs through Entrepreneurship… Possible Contributions and Future Directions". This is in cooperation with the International Relations Department and "Durban University of Technology (DUT), South Africa" from the 6th to the 9th of March 2023.

 The E-Club PUA aims to focus in its 2nd edition of the Intra-Africa 2063 competition on achieving the SDGs through entrepreneurial ideas, serving our Africa through the following themes:

1. Climate and Environment

2. Health and Medical Field

3. Culture and Education

4. Green Economy / Technology

5. Hospitality and Indigenous Food

 Accordingly, the African Universities gather to discuss common issues and find shared solutions.

URL: https://www.pua.edu.eg/2nd-edition-of-the-intra-africa-2063-competition/

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/

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/

A Visit to Alexandria National Museum
Posted On: May 30, 2023

PUA's Faculty of Tourism and Hotel Management organized a visit to Alexandria National Museum. The Museum is located within Alexandria's City Centre, and is considered among the unique architectural masterpieces.

During the visit, the students expressed their great admiration for the Museum's gorgeous artifacts. The visit aimed to raise the students' awareness and develop their knowledge of the design and construction foundations of the Museum's showrooms of all types and sizes.

It also aimed to link what the students learned with what the unique and diverse artifacts displayed in the Egyptian museums. It lasted for two hours, during which the students had the opportunity to ask questions, take pictures, and interact with each other.

URL: https://www.pua.edu.eg/a-visit-to-alexandria-national-museum/

A Visit to National Museum of Egyptian Civilization
Posted On : June 20, 2022

A Visit to National Museum of Egyptian Civilization

In pursuance of developing their the imaginative and creative abilities, students of the fourth year (seventh semester) at the Architectural Department conducted a field visit to Cairo to visit the National Museum of Egyptian Civilization in Al Fustat, as well as the Children's Civilization and Creativity Center in Heliopolis. This visit came within the activities of the Architectural Design Course 5 – EA411.

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URL: https://www.pua.edu.eg/84517/

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
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

Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
Evaluation of thermal comfort and urban heat island through cool paving materials using ENVI-Met	Faragallah, R.N.| Ragheb, R.A.	2022	Ain Shams Engineering Journal	58	8.13	10.1016/j.asej.2021.10.004	SDG 11
Toward sustainable urban development of historical cities: Case study of Fouh City, Egypt	Ragheb, A.| Aly, R.| Ahmed, G.	2022	Ain Shams Engineering Journal	27	3.78	10.1016/j.asej.2021.06.006	SDG 8| SDG 11

Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
Air quality estimation using remote sensing and GIS-spatial technologies along Al-Shamal train pathway, Al-Qurayyat City in Saudi Arabia	Al-Alola, S.S.| Alkadi, I.I.| Alogayell, H.M.| Mohamed, S.A.| Ismail, I.Y.	2022	Environmental and Sustainability Indicators	14	2.51	10.1016/j.indic.2022.100184	SDG 3| SDG 9| SDG 11| SDG 13
New Sustainable Agenda for Slums Future Expansion, Case-Study: Ezbiit El-Matabea, Alexandria, Egypt	Ragheb, R.A.| Barakat, P.N.	2022	International Journal of Sustainable Development and Planning	6	0.61	10.18280/ijsdp.170204	SDG 3| SDG 6| SDG 11

Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
Towards Resilience: Energy Efficiency in Urban Communities - Case study of New Borg El Arab City in Alexandria, Egypt	Ragheb, R.A.	2022	International Journal of Sustainable Development and Planning	4	0.41	10.18280/ijsdp.170310	SDG 11
Sustainable Indicators Framework for Strategic Urban Development: A Case Study of Abu Teeg City in Assiut, Egypt	Ragheb, G.| El-Wahab, M.A.| Ragheb, R.A.	2022	International Journal of Sustainable Development and Planning	4	0.41	10.18280/ijsdp.170109	SDG 8| SDG 9| SDG 11| SDG 12
Achieving Sustainability in Smart Cities & Its Impact on Citizen	Naguib, I.M.| Ragheb, S.A.	2022	International Journal of Sustainable Development and Planning	4	0.41	10.18280/ijsdp.170831	SDG 8| SDG 9| SDG 11

Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
A Proposed Methodology for Detecting the Urban Footprint in Egypt	Mahmoud, N.| Samir, N.| Fathi, A.| Mohamed, W.	2022	IOP Conference Series: Earth and Environmental Science	1	0.77	10.1088/1755-1315/992/1/012008	SDG 11| SDG 15
Heritage-led urban regeneration: the case of "El-Shalalat District", Alexandria	Abdelhamid, M.M.| El Hakeh, A.H.| Elfakharany, M.M.	2023	Journal of Cultural Heritage Management and Sustainable Development	1	0	10.1108/JCHMSD-05-2021-0098	SDG 11| SDG 12| SDG 16
Evolution of Users Behavior Towards Designing Public Buildings in the Era of Covid-19. Alexandria New Restaurants Design Case Study	El-Haridi, N.M.	2023	Advances in Science, Technology and Innovation	0	0	10.1007/978-3-031-20995-6_14	SDG 11

Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
URBAN FABRICS OF HOUSING FORMS AND ITS IMPACT ON HUMAN BEHAVIOR	Fahim, M.H.| Soliman, A.M.| Saadallah, D.	2022	WIT Transactions on the Built Environment	0	0	10.2495/ARC220071	SDG 11
Optimization of International Rating System Evaluation for Adaptive Reuse Projects	Helal, H.M.| Maarouf, I.| Nassar, D.M.	2022	Advances in Science, Technology and Innovation	0	0	10.1007/978-3-030-99480-8_18	SDG 7| SDG 11| SDG 12| SDG 13
Treatment by agricultural by-products of Industrial effluents polluted with heavy metals	Tayeb, A.M.| Farouq, R.| Mahmoud, M.A.| Daher, A.M.| Amer, T.E.| Magdy, Y.H.	2022	Indian Journal of Chemical Technology	0	0	-	SDG 6| SDG 11| SDG 12

Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
The Intensity Measures Parameters of Horizontal and Vertical Ground Motions	Elhout, E.A.	2023	Journal of The Institution of Engineers (India): Series A	0	0	10.1007/s40030-022-00701-w	SDG 11
Innovative nano silicone wax coatings for the conservation of bronze artifacts from corrosion	Abdullatef, O.A.| Helal, M.A.| Anwar, S.M.M.	2022	Journal of Applied Electrochemistry	1	0.1	10.1007/s10800-022-01690-1	SDG 11
A Sustainable Approach for Protection of Historical and Archeological Copper-Based Artifacts from Corrosion by Polymeric Coatings	Abdullatef, O.A.| Helal, M.A.| Anwar, S.M.M.	2023	Journal of Bio- and Tribo-Corrosion	0	0	10.1007/s40735-023-00766-5	SDG 11

Title	Authors	Year	Scopus Source title	Citations	Field-Weighted Citation Impact	DOI	Sustainable Development Goals (2023)
THE IMPACT OF PASSIVE ARCHITECTURAL DESIGN SOLUTIONS ON COOLING LOADS OF BUILDINGS IN HOT DRY CLIMATE: ANALYSIS OF PERFORMANCE IN SIWA OASIS	Faragallah, R.N.	2022	New Design Ideas	0	0	-	SDG 11